

Geochemical Characterization Report for the Copper Flat Project, New Mexico

Report Prepared for

THEMAC Resources Group Ltd.



Report Prepared by



SRK Consulting (U.S.), Inc.
SRK Project Number 191000.03
April 2012

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SRK Project Number 191000.03

April 2012

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Executive Summary

SRK has conducted a mine waste characterization program for the Copper Flat project, New Mexico. The geochemical testing of mine waste materials provides a basis for risk assessment and the evaluation of options for design, construction and closure of the waste rock dumps and tailings facilities in addition to allowing assessment of potential water quality in any future pit lake that may form.

The current mine waste characterization program was designed to investigate the potential for development of Acid Rock Drainage and Metal Leaching (ARDML) due to exposure and oxidation of sulfide minerals, such as pyrite, that are unstable under atmospheric conditions. Upon exposure to oxygen and water, sulfide minerals will oxidize, releasing metals, acidity and sulfate. SRK's geochemical characterization investigated the potential for rock that will be exposed in the Copper Flat waste rock dump and pit walls to generate acid and leach constituents when exposed to the atmosphere.

For this investigation a total of 113 sample intervals were selected from exploration core holes drilled within the proposed pit boundaries in 2009, 2010 and 2011. Samples were selected to represent the range of waste rock material types that will be encountered during mining. To augment the data set and to assess how historic mining wastes have weathered over time, an additional 24 surface grab samples were also collected from existing waste rock facilities on site. The resulting sample dataset is considered spatially representative (both vertically and horizontally) of the main material types identified for the Copper Flat deposit from the current mine plan.

The static test methods used for the SRK characterization program include multi-element analysis using four-acid digest and ICP-MS analysis, modified Sobek Acid Base Accounting (ABA), Net Acid Generation (NAG) test and the Nevada Meteoric Water Mobility Procedure (MWMP). These static tests were selected to address total acid generation or neutralization potential of the samples and concentration of constituents in leachates derived from the material. However, these static tests do not consider the temporal variations that may occur in leachate chemistry as a result of long-term changes in oxidation, dissolution and desorption reaction rates. To address these factors, kinetic testing is also being carried out as part of the geochemical characterization program and includes 22 humidity cell tests (HCTs) conducted according to the ASTM D-5744-96 methodology.

Potential for Acid Generation

The acid generating potential of the Copper Flat materials is largely dependent on the sulfide mineral content, with sulfide concentrations varying from less than analytical detection limits in the andesite material to a maximum of 2.52 wt% in the biotite breccia material. The ABA and NAG testwork results indicate that the coarse crystalline porphyry and biotite breccia material types are likely to be potentially acid forming based on generally higher sulfide mineral contents. In contrast, the dolerite, laterite and andesite are likely to be non-acid forming materials. The acid generating potential of the quartz monzonite and quartz feldspar breccia material types was found to be more variable, which is related to the varying sulfide mineral content of this material.

It is likely that the Copper Flat materials will offer some silicate buffering (neutralizing) capacity; although this is unlikely to be high magnitude, it may initially modify/buffer pH. However the static and kinetic results from the historic waste rock samples suggest that as the Copper Flat waste rock material weathers and neutralizing minerals are consumed, the potential for acid generation and metal mobility will increase.

Potential for Metal Leaching

The Copper Flat materials were found to be enriched in copper, sulfur and selenium, which relates to the primary mineralization (predominantly chalcopyrite - CuFeS₂). Silver, arsenic, cadmium, molybdenum, lead, thallium, uranium, tungsten and zinc were also found to be enriched in one or more material type, with the greatest levels of enrichment occurring in the biotite breccia, quartz feldspar breccia and quartz monzonite materials. Many of these elements are typically associated with copper porphyry deposits, which explain their enrichment in the Copper Flat materials. The dolerite and andesite material types typically showed much lower levels of elemental enrichment, which is likely related to the lack of primary mineralization in these lithological units.

MWMP tests were conducted on a total of 50 waste rock and tailings samples to provide an indication of elemental mobility and metal(loid) release from the Copper Flat materials during meteoric rinsing. Metal mobility and release was also assessed from the results of the ongoing HCT program. In general, metal leaching from the Copper Flat materials was found to be low and the majority of leachates generated during the MWMP and HCT test programs could be classed as near-neutral, low-metal waters. However, several of the grab samples collected from historic waste rock dumps produced acidic leachates and showed the potential for higher metal release. The higher release of acidity and metals from these samples likely represents the flushing of soluble acidic sulfate salts from the material surface that were produced by the weathering of the material under site conditions.

Conclusions and Recommendations

Acid generation is not predicted for most unweathered materials to occur in the short term, however, grab samples collected from the surface of the waste rock dumps and pit walls indicate there could be a problem for materials that have been exposed to natural weathering conditions for a long period of time (on the order of 30 or 40 years). During operations, specific controls will be needed to collect storm water runoff from sulfide bearing dumps, in particular those dumps hosting historic sulfide bearing waste and lean ore. In addition storm water diversions will be required to prevent runon. During closure these dumps will require covering to mitigate water infiltration and oxidation of the waste rock material.

The HCT program for the Copper Flat project is currently ongoing and the remaining four cells will be terminated once release rates stabilize. Following completion of the HCT program, the results will be utilized in quantitative numerical predictions to assess whether waste rock and tailings from the Copper Flat project have the potential to cause an environmental impact or degrade groundwater. These calculations will predict in quantitative terms the possible concentrations of solutes emanating from the waste rock dumps and tailings storage facility and determine their potential concentrations upon mixing with groundwater. Similar numerical predictions will also be completed to assess water quality in the pit lake that will form in the mined final pit lake. These numerical predictions will be undertaken to confirm that the proposed mining activities for the Copper Flat project will not result in an environmental impact.

Following completion of the humidity cell program and numerical predictions a comprehensive geochemistry report will be submitted, which will detail the findings of the geochemical characterization program along with the results of the numerical predictions and any recommendations for waste rock management.

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- Appendix B: Mineralogy Report
- Appendix C: Humidity Cell Test Results

1 Introduction

1.1 Purpose and Scope

SRK Consulting, Inc. (SRK) is currently undertaking a geochemical characterization study to assess the Acid Rock Drainage and Metal Leaching (ARDML) potential of the Copper Flat project, New Mexico. The primary purpose of this investigation is to provide an understanding of the geochemical characteristics of geological materials specific to the Copper Flat deposit and to define the potential for waste rock and tailings material to generate acid or leach deleterious constituents. In order to accomplish the objectives of the study, samples representative of the deposit were collected and characterized following guidelines set forth in the *Bureau of Land Management Instruction Memorandum NV-2010-014, Nevada Bureau of Land Management Rock Characterization Resources and Water Analysis Guidance for Mining Activities* (BLM, January 8, 2010).

The current assessment was carried out to augment a previous geochemical characterization and modeling study, which was carried out by SRK between 1995 and 1997. There have also been revisions to standards for the characterization of mine waste, which have evolved since the previous assessment was carried out. Therefore it was necessary to collect and analyze additional samples of waste rock and ore in order to be consistent with these revisions.

The following activities were completed as part of the current geochemical characterization program:

- Review of site geology and identification of the primary material types;
- Collection of drill core samples representative of waste rock and ore;
- Collection of surface grab samples from existing waste rock dumps, pit walls and tailings impoundment;
- Collection of test residues from metallurgical testing that are representative of tailings material associated with the project;
- Static and kinetic laboratory testing of selected samples; and
- Comparison of results from the current (2010/2011) geochemical characterization program with the previous studies carried out in 1995 to 1997 and 2005 to 2007.

The two main considerations of this baseline environmental geochemical characterization are:

- Acid generation due to oxidation of sulfide minerals, which can potentially lead to development of Acid Rock Drainage (ARD); and
- Potential for leaching of metals (e.g., manganese) and salts (e.g., sulfate).

The processes of acid generation and leaching can operate independently, although the development of acidic conditions enhances the leachability of many metals. To address this, an extensive characterization program has been completed to define the geochemical characteristics of the waste rock, ore and tailings in terms of their potential to generate acid and leach metals.

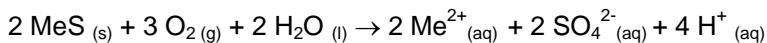
1.2 Theory of Acid Rock Drainage and Metal Leaching

Acid Rock Drainage and Metal Leaching (ARDML) refers to the generation of acidic, metal- and sulfate-rich waters that result from the weathering of sulfide minerals (particularly pyrite/marcasite – FeS₂) under oxidizing conditions. The process may occur naturally in sulfide-bearing rock strata, but is commonly accelerated by mining activity, which increases the likelihood of exposure of sulfide minerals to air and water, effectively accelerating natural weathering processes.

The general equation for pyrite oxidation is summarized below,



However, the equation can also be written for general metal sulfides as:



Metal sulfide + Air + Water → Mobilized metal + Salts + Acidity

The primary sulfide mineralization of the Copper Flat deposit contains both chalcopyrite and pyrite. As such, there is the potential for ARDML generation to occur both during mining operations and post-closure. The net effect of sulfide oxidation is the potential to increase the loading of metals, sulfate and acidity in the receiving environment. Although this is unlikely to cause an impact at low levels, at high concentrations there is the potential for significant impact to water and the surrounding environment.

2 General Site Conditions

2.1 Project Location

Copper Flat is a porphyry copper/molybdenum deposit located in the Las Animas Mining District in South Central New Mexico, in Sierra County located approximately 150 miles south of Albuquerque, New Mexico and approximately 20 miles southwest of Truth or Consequences, New Mexico (straight-line distances). Access from Truth or Consequences is by 24 miles of paved highway and 3 miles of all-weather gravel road. The Copper Flat project location is shown in Figure 2-1.



Figure 2-1: Project Location

2.2 Climate

The regional climate is high desert, and is generally hot with a July average of 76°F (maximum 107°F), and January average of 39°F (record minimum 1°F). The area is generally dry with about 13 inches of average annual precipitation, which occurs mostly as rainfall during July to September.

Winters are cold and dry. Snowfall is possible from October through April, but more typically occurring between December and February. The average annual total is 8 inches of snowfall. Prevailing wind direction is predominantly from the west, and secondarily from the north, and generally average 10 to 15 miles per hour. Wind speeds in excess of 50 mph may occur as major storms pass through the area.

2.3 Mine Plan

The Copper Flat project is being approached as a conventional hard rock open pit operation, typical of other copper porphyry deposits in the Southwestern U.S. Initial estimates of ore production to the mill are approximately 25,000 st/d. Bench heights are currently planned to be 25 feet high.

2.4 Geology

This section provides an overview of the regional and local geology, as well as the mineralization within the Copper Flat Mine Permit Area. The information has been summarized from the Baseline Data Report for the Copper Flat Project, which compiled information from Dunn (1982; 1984), the 43-1010 Technical Report prepared by M3 for the Copper Flat project (2012), the BLM Preliminary Final Environmental Impact Statement (PFEIS) for Copper Flat (1999) and Raugust (2003).

2.4.1 Regional Geology

The Copper Flat Mine lies within the Mexican Highlands portion of the Basin and Range Physiographic Province. It is located in the Hillsboro Mining District in the Las Animas Hills, which are part of the Animas Uplift, a horst on the western edge of the Rio Grande valley (Raugust, 2003). The Animas Uplift is separated from the Rio Grande by nearly 20 miles of Santa Fe Group alluvial sediments, referred to as the Palomas Basin of the Rio Grande valley. To the west of the Animas Uplift is the Warm Springs valley, a graben that parallels the Rio Grande valley (BLM, 1999; Raugust, 2003). Further west, the Black Mountains form the backbone of the Continental Divide, rising to about 9,000 feet above mean sea level (amsl). The surface geology of the Copper Flat region is shown in Figure 2-2.

Basement rocks in the area consist of Precambrian granite and Paleozoic and Mesozoic sandstones, shales, limestones, and evaporites. Sedimentary units that crop out within the Animas Uplift include the Ordovician Montoya Limestone, the Silurian Fusselman Dolomite, and the Devonian Percha Shale. The Cretaceous-age Laramide orogeny, which was characterized by the intrusion of magma associated with the subduction of the Farallon plate beneath the North American plate, affected this region between 75 and 50 million years ago (Ma). Volcanic activity during the late Cretaceous and Tertiary periods resulted in localized flows, dikes, and intrusive bodies, some of which were associated with the development of the nearby Tertiary Emory and Good Sight- Cedar Hills cauldrons; later basaltic flows resulted from the tectonic activity associated with the formation of the Rio Grande rift. Tertiary and Quaternary alluvial sediments of the Santa Fe Group and more recent valley fill overlie the older Paleozoic and Mesozoic units in the area.

The geologic structure of the region is characterized by block and rift faulting. The Tertiary cauldrons associated with the earlier block faulting formed between 35 and 45 Ma. Rift faulting and associated north-south block faulting associated with continental extension and the formation of the Rio Grande rift began approximately 25 to 30 Ma. The Las Animas Hills are bounded by faults associated with

rifting (Dunn, 1982). Continental extension continues to the present, as evidenced by north-south trending grabens represented by the Rio Grande and Warm Springs valleys.

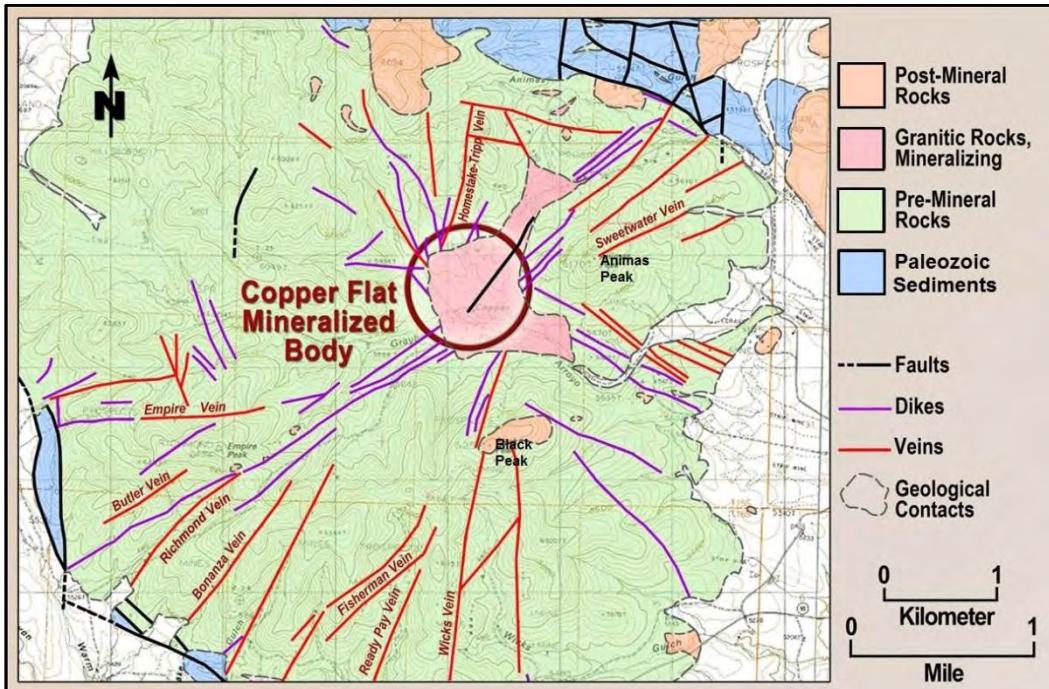


Figure 2-2: Regional Geology of Copper Flat Project, Dunn ,1982 (M3, 2012)

2.4.2 Local Geology

The dominant geologic feature of the Animas Hills and Hillsboro district is the Copper Flat strato-volcano, a circular body of Cretaceous andesite that is 4 miles in diameter as illustrated in Figure 2-3 (M3, 2012). The core of the volcanic complex is a Cretaceous-age quartz monzonite stock that intruded into the center of the andesite body. Known as the Copper Flat Quartz Monzonite (CFQM), this irregular-shaped stock underlies a surface area of approximately 0.25 square miles and has been dated to approximately 75 million years before present (BLM, 1999; McLemore et al., 2000; and Raugust, 2003). The monzonite crops out in only a few isolated areas, and the andesite at these contacts shows no obvious signs of contact metamorphism (Dunn, 1984). The CFQM is a medium-to coarse-grained, holocrystalline porphyry composed primarily of potassium feldspar, plagioclase, hornblende, and biotite; trace amounts of magnetite, apatite, zircon, and rutile are also present, along with localized mineralized zones containing pyrite, chalcopyrite, and molybdenite (McLemore et al., 2000). About 15 percent of the monzonite is quartz, which occurs both as small phenocrysts and as part of the groundmass; however, quartz is absent in some parts of the stock (Dunn, 1984).

Numerous dikes, mostly latite, radiate from the CFQM stock, some nearly a mile in length. Most of the dikes trend to the northeast or northwest and represent late stage differentiation of the CFQM stock (Raugust, 2003). Immediately south of the quartz monzonite, the andesite is coarse-grained, perhaps indicating a shallow intrusive phase. An irregular mass of andesite breccia along the northwestern contact of the quartz monzonite contains potassium feldspar phenocrysts and andesitic rock fragments in a matrix of sericite with minor quartz; this may represent a pyroclastic unit. Magnetite, chlorite, epidote, and accessory apatite are also present in the andesite breccia (Dunn, 1984).

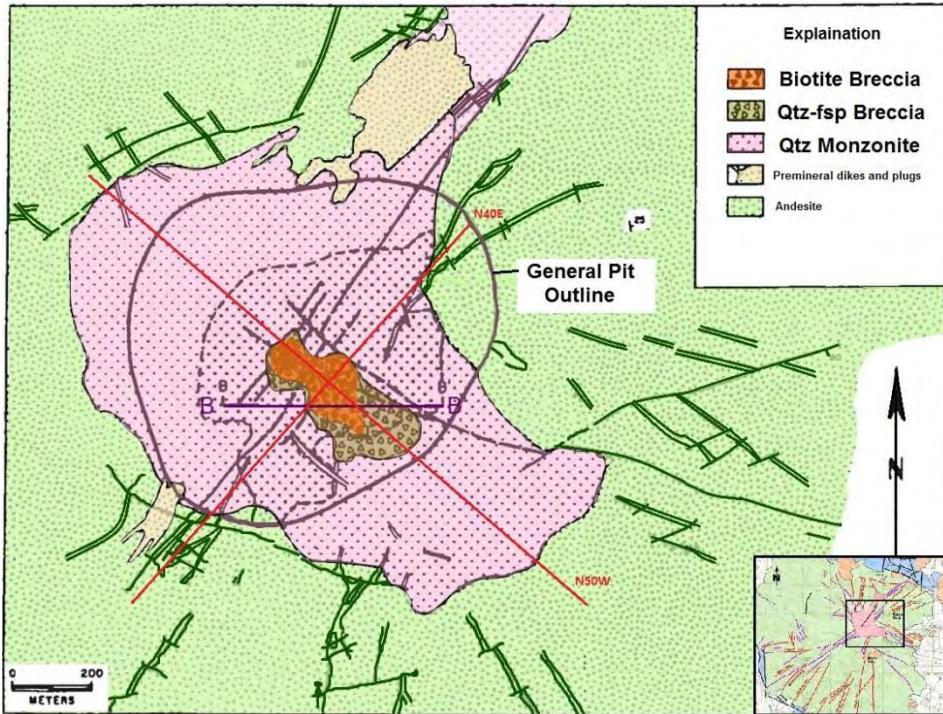


Figure 2-3: Geology of the Copper Flat Mine, Dunn, 1982 (M3, 2012)

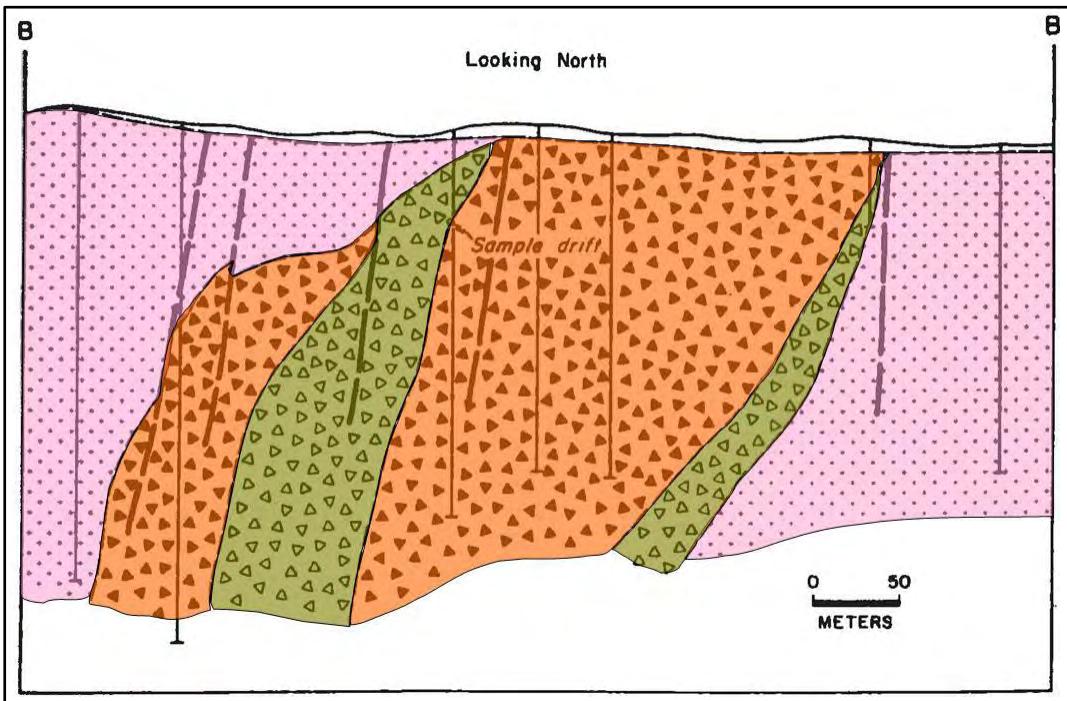


Figure 2-4: East-West Section Looking North, Dunn, 1982 (M3, 2012)

2.4.3 Mineralization and Alteration

The Copper Flat deposit is an alkalic copper-gold mineralized breccia pipe, associated with and genetically linked to an alkalic porphyry system. It is the easternmost and one of the oldest known porphyry deposits in the southwestern U.S. (Hedlund, 1974; Dunn, 1982; Titley, 1982). Analogous deposits include Terrane Metal's Mount Milligan, British Columbia deposit and the Continental breccia pipe located in the Central Mining district of New Mexico.

During the early mining days, a 20- to 50-foot leached oxide zone existed over the ore body, but this material was stripped during the mining activities that occurred in the early 1980s. Most of the remaining ore is unoxidized and consists primarily of chalcopyrite (CuFeS_2) and pyrite (FeS_2) with some molybdenite (MoS_2) and traces of galena (PbS) and sphalerite (ZnS). Appreciable amounts of silver and gold are also present (BLM, 1999).

The breccia consists largely of fragments of mineralized CFQM, with locally abundant mineralized latite where dikes exposed in the CFQM projected into the brecciated zone. Andesite occurs only as mixed fragments partially in contact with intrusive CFQM and appears to represent the brecciation of andesite xenoliths in the CFQM (Dunn, 1984). The matrix contains varying proportions of quartz, biotite (phlogopite), potassium feldspar, pyrite, and chalcopyrite, with magnetite, molybdenite, fluorite, anhydrite, and calcite locally common. Apatite is a common accessory mineral. Much of the quartz-feldspar matrix has a pegmatitic texture. Breccia fragments are rimmed with either biotite or potassium feldspar, and the quartz and sulfide minerals have generally formed in the center of the matrix (Dunn, 1984).

The andesite in contact with the CFQM, dikes, and veins is typically altered into one of three types of mineral assemblages: biotite-potassic, potassic, or sericitic alteration (Fowler, 1982). The highest copper grades are associated with the biotite-potassic alteration, which is characterized by hydrothermal biotite, potassium feldspar, quartz, and pyrite, and which occurs in veinlets and as replacement assemblages in the monzonite (McLemore et al., 2000).

The total sulfide content ranges from 1 percent (by volume) in the eastern part of the breccia pipe and the surrounding CFQM to 5 percent in the CFQM to the south and west. Sulfide content is highly variable within the breccia, with portions containing as much as 20 percent sulfide minerals. Sulfide mineralization is concentrated in the CFQM and breccia pipe, and drops significantly at the andesite contact. Minor pyrite mineralization extends into the andesite along the pre-mineral dikes (Dunn, 1984).

Pyrite and chalcopyrite are disseminated within the CFQM and also occur along fracture-controlled veinlets and as disseminations associated with mafic minerals. Typically, pyrite is more abundant than chalcopyrite in two areas:

- A narrow zone that surrounds and overlies the western end of the breccia pipe, which has the highest grade CFQM mineralization, characterized by abundant chalcopyrite in quartz-sulfide veinlets and breccia zones.
- Outcrops to the southeast of the breccia and south of Grayback Wash, where disseminated chalcopyrite is present with no associated pyrite.

Unlike most deposits in the southwestern U.S., Copper Flat shows very little supergene enrichment or the symmetrical and telescoped zoning of alteration types that is considered typical of most porphyry copper deposits. This is likely due to erosion rates that exceed time required for supergene deposition and formation of significant oxide mineral formation. Instead, hypogene mineralization and alteration, including the formation of the breccia pipe, was the result of the final crystallization of the CFQM melt and related dikes.

3 Previous Geochemical Testwork

3.1 Pre-1996 Geochemical Program

As part of the initial planning and baseline studies completed on behalf of Alta Gold, SRK collected a small suite of samples from drill core, tailings and waste rock for Acid Base Accounting (ABA), short term leachate and kinetic humidity cell testing. The kinetic testing program was run for 28 weeks. The review of this testwork was reported in the Geochemical Review of Waste Rock, Pit Lake Water Quality and Tailings (SRK, 1996). The testwork results were also utilized to develop predictive geochemical models to assess potential pit lake water quality.

3.2 1997 Geochemical Program

A geochemical sampling and testwork program was carried out by SRK as part of the 1997 Copper Flat Waste Rock Management Plan. The purpose of the program was to produce geological and geochemical characterization of the exposed material on the waste rock dumps and pit walls. A total of 141 surface grab samples were collected as part of the 1997 characterization program and these samples were analyzed for field paste chemistry to assess the short-term reactivity of the materials. Forty six of these samples were then submitted for Acid Base Accounting (ABA) testing, 59 for Net Acid Generation (NAG) testing, 1 for short-term leach testing, and 5 for humidity cell kinetic testing in order to assess the acid generating potential of existing waste rock on site. This work was reported in Appendix A of the Copper Flat Preliminary Mine Waste Management Plan, New Mexico Copper Corporation (NMCC June 2011).

Field tests including determination of paste pH and electrical conductivity (EC) were used in the 1997 geochemical characterization program to identify the presence of surficial/soluble salts in the waste rock dumps that could affect water quality. By using the field screening to define a representative sample set, the “representativeness” of the sample set is more defensible and the number of samples selected for the more expensive static test suite can be minimized. Based on the material type and paste results for that material, samples were selected for additional laboratory analysis. Samples included in the field screening program consisted of fine material (<5 mm chips) that was collected from a 1 cubic meter area on the waste rock dump surface. This method is employed because water quality in a dump is largely controlled by the fines and this is a good indication of reactivity. The paste test comprises mixing a 1:1 solid to liquid ratio of fines with distilled water and measuring EC and pH of the resulting solution. If the resulting leachate was blue in color, the sample was analyzed for copper and sulfate by field colorimetric spectrometry.

4 Geochemical Characterization Program

4.1 Copper Flat Material Type Delineation

Waste rock is typically classified and tested according to material type and the number of samples selected for geochemical testing is based on the relative percentage of each material type predicted to be mined according to the geologic block model. A block model was not available for the Copper Flat project at the time of sampling, therefore material types were delineated from a review of data available from the recent exploration drilling program, including the drill hole database, drill logs and assay data. For the purposes of the material characterization, these material types were defined based solely on lithology (i.e., factors such as alteration and oxidation were not used to define material type).

Seven main material types have been identified for the Copper Flat project, including:

1. Andesite;
2. Quartz Monzonite;
3. Biotite Breccia;
4. Quartz Feldspar Breccia;
5. Dolerite;
6. Latite; and
7. Coarse Crystalline Porphyry.

As described above, the Copper Flat deposit is not typical of most porphyry copper deposits and does not show distinct zonation of alteration zones. Alteration at Copper Flat is typically logged as a mixture of potassic, silicic and argillic and, as such, alteration was not used to delineate material types. In addition, the deposit shows very little supergene enrichment, and the limited oxidized zone that did occur over the ore body has been stripped by previous mining activities. Therefore, the remaining deposit is generally unoxidized and as a result oxidation state has not been used to define material types for the project.

4.2 Sample Collection and Testing

Two phases of sample collection were carried out in April 2010 and December 2011 as part of the Copper Flat geochemical characterization program. Sample locations for both the 2010 and 2011 sampling exercises are provided in Figure 4-1 and 4-2. In addition, Table 4-1 summarizes the number of samples collected for each material type that were submitted for geochemical testing. Full details of the sample collection and subsequent testwork are provided in the following sections.

The purpose of the 2010/2011 sampling and testwork program was to augment the previous geochemical characterization and modeling work carried out from 1995 to 1997 and to comply with subsequent revisions to standards outlining the characterization of mine waste, which have evolved since the previous assessment was carried out. A number of statutory regulations have also been reviewed and modified since the initial assessment, including the modification of BLM and 43 CFR 3809 regulations in addition to changes to the standards applied to both EIS and New Mexico State permit applications.

The static and kinetic test work was supervised by SRK at McClelland Laboratories of Sparks, Nevada with analysis by Western Environmental Testing Laboratory (WetLab) of Sparks, Nevada; ALS Chemex of Reno, Nevada; and SVL Laboratories of Kellogg, Idaho. The test procedures applied during this study are described in greater detail in Section 3.3.

Table 4-1: Copper Flat Sample Frequency and Testing Matrix

Material Type	Lithology	Ore/waste	Multi-Element Analysis	ABA/NAG	MWMP	HCT
1	Andesite	Waste	4	4	2	2
		Ore	0	0	0	0
2	Quartz Monzonite	Waste	57	57	17	8
		Ore	10	10	3	2
3	Biotite breccia	Waste	13	13	6	3
		Ore	16	16	7	4
4	Quartz feldspar breccia	Waste	18	18	5	0
		Ore	6	6	2	2
5	Dolerite	Waste	1	1	1	0
		Ore	1	1	1	0
6	Latite	Waste	2	2	1	0
		Ore	0	0	0	0
7	Coarse crystalline porphyry	Waste	4	4	3	0
		Ore	0	0	0	0
8	Tailings	-	3	3	2	1
Total			135	135	50	22

4.2.1 Waste Rock and Ore Sample Collection and Testing

SRK personnel visited the Copper Flat project in April 2010 in order to collect representative samples of waste rock from both drill core and from existing waste rock dumps on site. A total of 50 sample intervals were selected from six diamond drill core holes drilled within the footprint of the Copper Flat pit during the 2009 and 2010 exploration drilling program (Figure 4-2). The sample intervals were selected to represent the range of waste rock and ore material types that will be encountered in the Copper Flat pit. Typically, drill hole intervals are reviewed in the context of the final pit boundaries in order to identify ore and waste zones within the proposed pit boundaries and ensure that the proposed sample suite is spatially representative (both vertically and horizontally). However, because a block model was not available at the time of sampling, sample intervals were selected based on the frequency of occurrence of each material within the drill holes. For each sample interval, the coarse reject material was collected and sent to the laboratory for sample preparation and testing as described in Section 4.3 of this report.

To augment the drill core sample set, 24 additional bulk surface grab samples were collected from the surface of the existing waste rock dumps, pit wall exposures and tailings impoundment during the 2010 site visit. The grab sample locations are shown in Figure 4-1. Existing waste rock dumps and pit walls provide an opportunity to compare fresh rock samples to weather rock samples of the same material types that have been exposed to oxygen and water for over 20 years.

An additional round of sample collection was undertaken in December 2011, which involved collection of 63 samples from drill core generated during the 2011 exploration program. The purpose of this additional sample collection was to improve the spatial representivity of the sampling and also to collect samples of lithologies that were not encountered during the previous (2009/2010) exploration program.

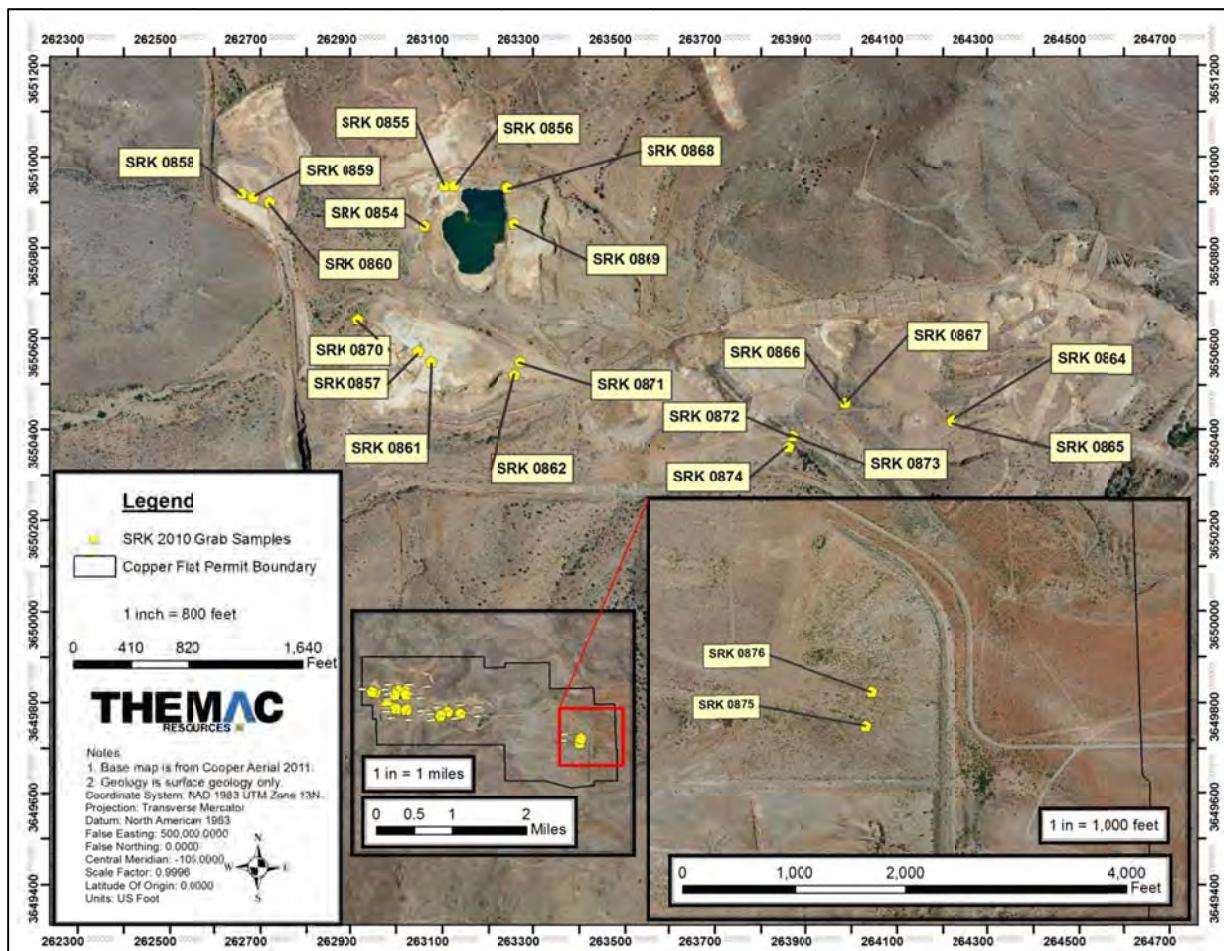


Figure 4-1: Geochemical characterization grab sample locations

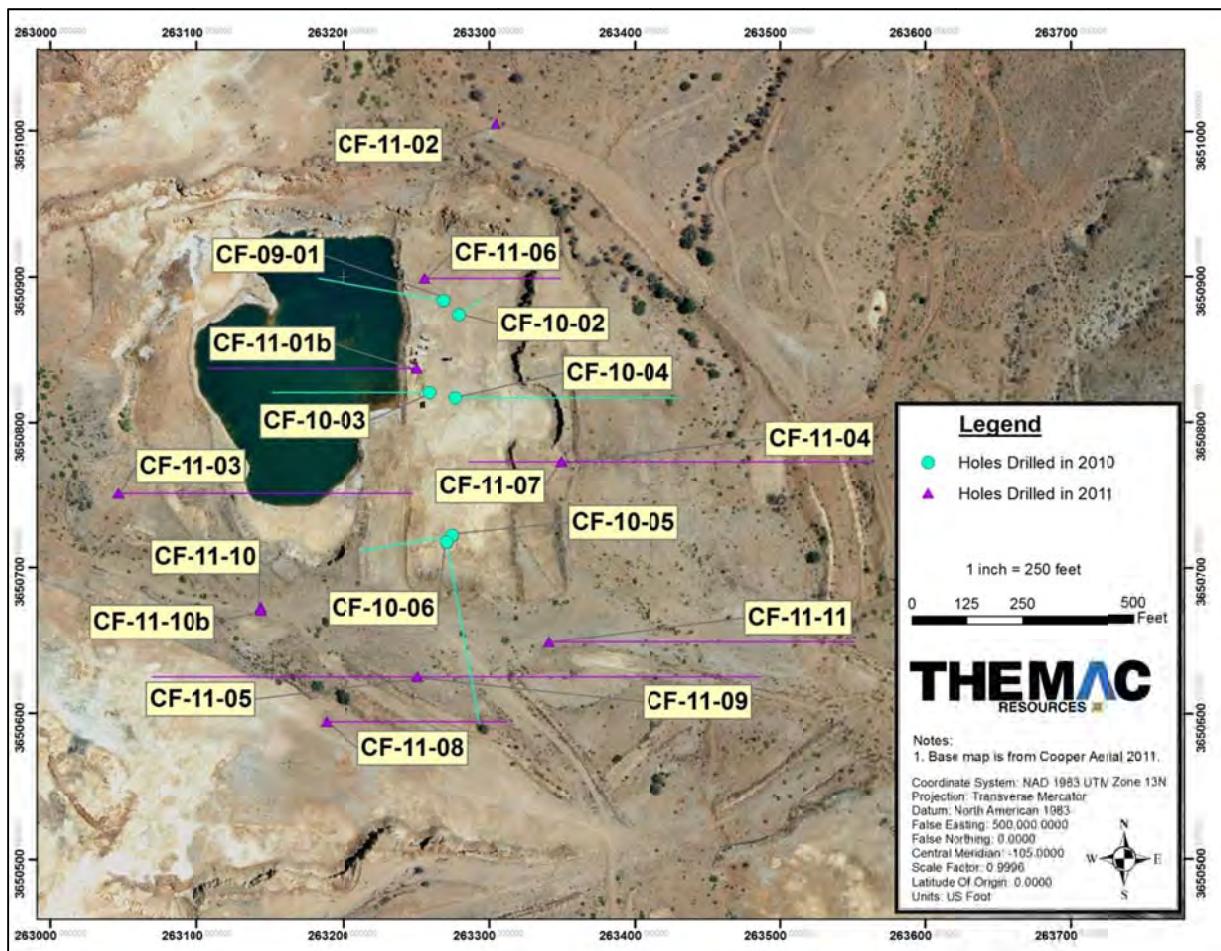


Figure 4-2: 2010 and 2011 Drill Hole Sample Locations

4.2.2 Tailings Sample Collection and Testing

During the April 2010 site visit, two samples of historic tailings were collected from the surface of the tailings impoundment.

In addition, metallurgical testing conducted for the Copper Flat project at Hazen Laboratory provided an opportunity to collect a sample representative of tailings material that could be used in the assessment of operational and post-closure tailings geochemistry.

One metallurgical test was available to characterize the tailings material with respect to acid generation and metals mobility potential. As with the waste rock and ore samples, the static and kinetic test work for the tailings samples was supervised by SRK at McClelland Laboratories of Sparks, Nevada with analysis by Western Environmental Testing Laboratory (WetLab) of Sparks, Nevada; ALS Chemex of Reno, Nevada; and SVL Laboratories of Kellogg, Idaho.

4.3 Geochemical Test Methods

The static and kinetic testing methods selected for this project were designed to address the bulk geochemical characteristics of the samples, and to assess the potential of the waste rock to generate acid or release metals in drainage. “Static testing” is a general term describing those analytical methods applied to characterize acid generation and metal leaching characteristics of material at the time of testing and does not account for temporal changes that may occur in the material as chemical weathering proceeds. Static tests provide a balance of acid generating and acid consuming reactions at an end point and also may be used to determine the potential magnitude of leaching metals from a given material.

Static testing is distinguished from “kinetic tests”, which evaluate the rate of sulfide oxidation and metal release over time. Static testing provides a conservative approximation of acid generation and trace metal release potential, which is used to determine where more comprehensive kinetic testing is warranted. Based on the results of the static test work, materials that exhibit uncertain or highly variable geochemical behavior may require further characterization using kinetic test methods to determine the rates and character of longer-term leaching.

The static test methods identified for this project were selected to address total acid generating or neutralizing potential of the samples and concentration of constituents in leachates derived from the material. Static testing methodologies include the following:

- Multi-element analysis using four-acid digest and ICP analysis to determine total metal and metalloid chemistry for 48 elements (ALS Chemex Method ME-MS61);
- Acid Base Accounting (ABA) using the modified Sobek method (Memorandum No. 96-79) with sulfur speciation by hot water, hydrochloric acid, and nitric acid extraction;
- Net Acid Generating (NAG) test that reports the final NAG pH and final NAG value after a two-stage hydrogen peroxide digest; and
- Nevada Meteoric Water Mobility Procedure (MWMP - ASTM E2242-02) and Profile I or II analysis of leachate.

These test methods and the criteria commonly used in the evaluation of the resulting data set are described in the following sections. Samples were submitted to McClelland Laboratories (MLI) in Sparks, Nevada for sample preparation and MWMP extraction. The MWMP extracts were then sent to WetLabs, a Nevada Certified laboratory, in Sparks, Nevada for chemical analysis. Splits of each sample were also submitted to SVL Laboratories in Kellogg, Idaho and ALS Chemex in Reno, Nevada for ABA and NAG testing and multi-element analysis (respectively).

Upon completion of the static test work, a small sub-set of samples representing the most significant material types were selected from the static test database for kinetic testing. The kinetic testing method selected for this project is the standard humidity cell test procedure (ASTM D-5744-96).

4.3.1 Multi-Element Analysis

A multi element analysis of the samples has been completed through ALS Chemex, Reno, to provide an absolute upper limit of available metals for leaching from the samples. The analysis involved a strong multi-acid digestion followed by analysis by ICP-OES and ICP-MS for a full suite of metals and metalloids. This included determination of major elements (e.g. aluminum, calcium, magnesium, sodium, potassium, iron, sulfur) and trace elements (e.g., arsenic, antimony, mercury, zinc, copper, cadmium and lead). The results of the multi element analysis were analyzed using the Geochemical Abundance Index (GAI) (INAP, 2002), which compares the concentration of an element in a given sample to its average crustal abundance. GAI values are particularly useful in determining the relative enrichment of elements based on lithology and may be used to identify elements enriched above average crustal concentrations.

GAI values are calculated as follows:

$$GAI = \log_2 [C/(1.5^*S)]$$

Where C is the concentration of an element as determined from the multi element assay and S is the average crustal abundance of the element of interest (Mason, 1966). Materials are then assigned a GAI value between zero and six based on the degree of enrichment (Table 4-2). According to the INAP (2002) protocol, a GAI value greater than three indicates significant enrichment. These elements therefore have potential to be leached in sufficient concentration to have an environmental impact.

Table 4-2: Interpretation of GAI values

GAI Value	Interpretation
0	< 3 times average crustal concentrations
1	3 to 6 times average crustal concentrations
2	6 to 12 times average crustal concentrations
3	12 to 24 times average crustal concentrations
4	24 to 48 times average crustal concentrations
5	48 to 96 times average crustal concentrations
6	>96 times average crustal concentrations

4.3.2 Acid Base Accounting

Acid Base Accounting provides an industry-recognized assessment of the acid generation or acid neutralization potential of rock materials. The ABA method used for the characterization of Copper Flat waste rock is the Modified Sobek ABA method (Memorandum No. 96-79), which includes both laboratory analysis and empirical calculations based on acidification potential (AP) and neutralizing potential (NP). An estimate of acid generation is made by assuming complete reaction between all of the minerals with acid potential and all of the minerals with neutralizing potential (essentially dissolution of carbonate minerals and to very limited extent silicate minerals as the latter have very slow reaction kinetics, Bowell et al., 2000). The AP values were calculated from sulfide sulfur concentrations and reported as CaCO₃ equivalents per 1,000 tons of rock. The NP values were determined using the modified Sobek protocol that includes a digestion to expel any CO₂ followed by a back titration with NaOH to a pH of 8.3 s.u. Neutralizing potential is calculated as CaCO₃ equivalents per 1,000 tons of rock.

The balance between the acid generating mineral phases and acid neutralizing mineral phases is referred to as the net neutralization potential (NNP), which is equal to the difference between NP and AP. The NNP allows classification of the samples as potentially acid consuming or acid producing. A positive value of NNP indicates the sample neutralizes more acid than is produced during oxidation. A negative NNP value indicates there are more acid producing constituents than acid neutralizing constituents. Material that would be considered to have a high potential for acid neutralization produce a net neutralizing potential of greater than 20 kg CaCO₃ eq/ton. Acid Base Accounting data is also described using the neutralization potential ratio, which is calculated by dividing the NP by the AP (i.e., NP:AP).

Acid Base Accounting results are typically compared to criteria provided by the BLM (2004) and guidance provided by the NDEP (1990) in order to determine the potential for the waste rock material to generate acid. Criteria provided by the NDEP (1990) considers samples in which NP exceeds AP by 20% (NP:AP = 1.2) to be non-acid generating. The Nevada BLM Water Resource Data and Analysis Guide for Mining Activities (BLM 2004) establishes the following guidelines for the evaluation of ABA test results:

- NP:AP values greater than 3 and NNP values greater than 20 kg CaCO₃ eq/ton are not acid generating and do not require further testing; and
- NP:AP values less than 3 and/or NNP values less than 20 kg CaCO₃ eq/ton have uncertain potential and require further evaluation using kinetic test methods.

4.3.3 Net Acid Generation

Static Net Acid Generation (NAG) testwork was carried out in order to determine the maximum potential for acid generation from the Copper Flat samples. The static NAG test differs from the ABA test in that it provides a direct empirical estimate of the overall sample reactivity, including any acid generated by semi-soluble sulfate minerals as well as potentially acid-generating sulfide minerals. As such, the NAG test often provides a better estimate of field acid generation than the more widely-used ABA method, which defines acid potential based solely on sulfide content.

NAG testing was carried out by SVL laboratories in accordance with the method described by Miller et al. (1997). The method essentially involved intensive oxidation of the sample using hydrogen peroxide (H₂O₂), which accelerates the dissolution of sulfide minerals and has the net result that acid production and neutralization can be measured directly. Leachate was then titrated with sodium hydroxide in two stages (pH 4.5 and to pH 7) to determine the NAG value, calculated as follows:

$$NAG = (V_{Init} / X) (49 * V_{NaOH} * M) / W$$

Where:

NAG = net acid generation (kg H₂SO₄ eq/ton);

V_{Init} = volume of initial hydrogen peroxide solution (mL);

X = volume used to determine NAG by titration (mL);

V_{NaOH} = volume of NaOH used in titration (mL);

M = concentration of NaOH used in titration (moles/liter); and

W = weight of sample reacted (g).

The guidelines used for assessing the acid generation potential based on NAG results are summarized in Table 4-3. Samples with NAG pH values greater than 4 s.u. are predicted to be non-acid forming. Net acid generation is only measured for samples with NAG pH values less than 4 s.u. NAG results greater than one kg H₂SO₄ eq/ton indicate the sample will generate some acidity in excess of available alkalinity. However, by convention, any NAG value below 10 kg H₂SO₄ eq/ton of material has a limited potential for acid generation and the results are considered inconclusive because a blank hydrogen peroxide solution (the reagent in the NAG test) can generate a NAG artifact value up to 10 kg H₂SO₄ eq/ton.

Table 4-3: Acid Generation Criteria for NAG Results

Acid Generation Capacity		Final NAG pH (s.u.)	Static NAG (kg H ₂ SO ₄ eq/ton)
Potentially Acid Generating	Higher Capacity	< 4	>10
	Lower Capacity	< 4	≤10, >1
Non-Acid Generating		≥ 4	0

4.3.4 Meteoric Water Mobility Procedure

The Meteoric Water Mobility Procedure is conducted according to standard test methods (ASTM E-2242-02) that involve a 24-hour, single pass column leach using a 1:1 distilled water:rock ratio. The resulting leachate is submitted for either NDEP Profile I or Profile II metals analysis. The MWMP test was developed to simulate the leaching of mine waste materials by meteoric water under typical low precipitation environmental field conditions. The results of the MWMP test can be used to identify the presence of leachable metals and readily soluble salts stored in the material, as well as provide an indication of their availability for dissolution and mobility. In addition to the leachable metals, the MWMP test also provides an assessment of the potential for acid release during dissolution of soluble acid salts (Ficklin et al., 1992). The final pH of the MWMP extract is representative of leachate that could be produced from waste rock with readily soluble acid-producing salts under field conditions.

Leachate chemistry data collected during the MWMP test are typically compared to the prescriptive values provided in NDEP Water Pollution Control Permit Forms 0090 and 0091 for Profile I and II constituents (i.e., NDEP reference value).

4.3.5 Humidity Cell Testing

The static data were used to select a sub-set of twenty two samples representing the most significant waste rock types for kinetic testing. Kinetic testing is necessary for the Copper Flat project in order to assess the weathering rate of sulfides and to determine potential metal(lloid) leaching rates. The samples that were selected for kinetic testing are summarized in Table 4-4 along with selected static testwork data.

The kinetic testing method selected for this project is the standard humidity cell test procedure designed to simulate water-rock interactions in order to evaluate the rate of sulfide mineral oxidation and thereby predict acid generation and metals mobility (ASTM D-5744-96). Under ASTM methodology, the test typically runs for a minimum of 20 weeks and follows a seven-day cycle, unless uncertain chemistry requires that it be run longer to achieve steady state conditions. During the seven-day cycle, water is trickled over the rock for two days. Air that is humidified slightly above room temperature is introduced at the bottom of the column for two days of each cycle followed by two days of dry air. On the seventh day, the sample is rinsed with distilled water and the extracted solution is collected for analysis. Key parameters including; pH, alkalinity, acidity, electrical conductivity, iron and sulfate are measured on a weekly basis by McClelland Laboratories. Metals are typically measured on a weekly basis at WetLabs, a Nevada certified laboratory, for the first four weeks of the test after which the frequency of metals analysis is reduced to every fourth week, depending upon key parameters that continue to be collected on a weekly basis.

Table 4-4: Samples Selected for Kinetic Testing

Lithology	Sample ID	Type	Sample Location/ Drillhole	Cu (wt%)	Pyritic Sulfur (wt%)	NNP (kg CaCO ₃ eq/t)	NPR	NAG pH	Total NAG	MWMP pH	MWMP metals release
Quartz monzonite	604562	Core	CF-10-02 (99 - 111 ft)	0.60	1.53	-31.6	0.34	7.75	0	8.28	Low
	604569	Core	CF-09-1 (25 - 34.5 ft)	0.14	1.05	-14.8	0.55	8.33	0	8.25	Low
	604606	Core	CF-09-1 (353 - 364 ft)	0.17	0.67	2.7	1.13	9.6	0	8.31	Low
	604653	Core	CF-10-04 (126 - 136 ft)	0.23	0.77	2.3	1.10	8.38	0	-	-
	604656	Core	CF-10-04 (145 - 153 ft)	0.21	0.59	33.4	2.82	8.2	0	8.27	Low
	604669	Core	CF-10-04 (254 - 266 ft)	0.32	0.63	-16.5	0.16	4.08	0	8.39	Low
	604673	Core	CF-10-04 (299 - 310 ft)	0.13	0.41	-5.9	0.54	3.66	5.29	8.33	Low
	605153	Core	CF-10-06 (992 - 997 ft)	0.06	0.49	26.7	2.75	8.56	0	8.15	Low
	SRK 0858	Grab	West rock dump (furthest west)	--	0.62	-15.3	0.21	3.15	9.22	3.99	Moderate
	SRK 0867	Grab	-	--	0.77	-17.7	0.27	4.35	0	4.84	Moderate
Quartz feldspar breccia	604767	Core	CF-10-03 (104 - 116 ft)	0.63	2.13	-49.9	0.25	3.21	17.3	7.8	Low
	604787	Core	CF-10-03 (250 - 260 ft)	0.63	0.97	-0.2	0.99	8	0	8.28	Low
Biotite breccia	604811	Core	CF-10-03 (445 - 454 ft)	0.29	1.15	-3.9	0.89	8.42	0	8.24	Low
	604854	Core	CF-10-03 (753 - 761 ft)	0.39	1.4	-20.6	0.53	5.08	0	8.16	Low
	604862	Core	CF-10-03 (806 - 815 ft)	0.36	1.16	3.5	1.10	8.28	0	8.11	Low
	604867	Core	CF-10-03 (833 - 840 ft)	0.34	2.34	-46.2	0.37	4.24	0	8.06	Low
	605033	Core	CF-10-06 (195 - 202 ft)	0.21	0.9	1.1	1.04	8.3	0	8.37	Low
	SRK 0854	Grab	Sternberg Lode	--	0.88	-21.5	0.22	3.77	11.0	4.54	High
	SRK 0872	Grab	South sulfide stockpile	--	1.05	-13.0	0.60	3.14	8.82	3.05	Moderate
Andesite	SRK 0864	Grab	Animas Creek, waste rock pile	--	0.01	24.4	81.3	8.29	0	7.18	Low
	SRK 0866	Grab	Waste rock pile, NE side of pit	--	0.29	12.5	2.37	3.23	4.9	6.92	Low
Tailings	Cu Ro. Tails	-	-		0.61	13.4	1.70	9.23	0	-	-

Indicates potentially acid forming characteristics

The HCT results provide an estimate of the rate of leaching of constituents from a material and reflect long-term geochemical behavior of mine material being exposed to alternating cycles of wetting and drying. The changes in these reaction rates through the course of the test can be used to estimate whether the sample will be net acid generating or net acid neutralizing, and what constituents will be mobilized from the material under long-term weathering and oxidation conditions. As such, HCT results can be used to refine predictions based on static test data.

Leachate chemistry data collected during the HCT test are typically compared to NDEP reference values. However, the test results are not directly comparable to water quality standards due to the increase in surface area by crushing and the artificial control on weathering through a seven-day wet-dry cycle rinsing of the samples. The rate of water application relative to the surface area/mass ratio of rock vastly exceeds the actual precipitation rate that would be expected at the site, and the laboratory temperature conditions do not represent normal field variations. These variables accelerate the weathering process and therefore provide a conservative view of field scale leaching conditions.

HCT results can be interpreted as early, middle, and late stage responses. The early stage response is dominated by the chemistry of the first flush of readily soluble minerals that are stored in the sample prior to weathering in the column, which can be easily dissolved and rinsed from the sample. This flush includes secondary minerals that are highly soluble, such as halides and some metal sulfate minerals, as well as desorption of weakly-held species on mineral surfaces. The middle stage response is characterized by a gradual stabilization of dissolution reaction rates of primary mineral phases.

For strongly basic or acidic samples, the middle stage response is usually brief, and the late stage response tends to be the same as the middle stage response. The late phase response is characterized by the depletion of available acidic or neutralizing phases, resulting in stabilization of the effluent at either acidic or alkaline pH. The late stage response may occur at any time in the kinetic test cycle and reflects long-term sulfide oxidation, flushing of constituents, and attainment of steady state chemistry with little fluctuation in the release rates. At this point, the cells have characterized the release rate of the material, and the tests can be terminated.

As a general rule, the HCTs reach steady state conditions, where solution and solids are in equilibrium or that all leachable constituents are removed thus the constituent concentrations remain constant for more than four consecutive weeks following evidence of sulfide leaching in previous leaching cycles. After the leaching reactions have been adequately characterized in the HCT, the cell is rested for two weeks and rinsed again to determine if significant salt accumulation has occurred during the resting period.

Following completion of the HCT, termination testing is conducted including post-leach ABA, multi-element analysis and mineralogy, including XRD and SEM work, to define the mineralogical processes that occur as the materials are exposed to oxygen and water.

4.3.6 Quality Control

Both McClelland and Wetlabs laboratories operate internal QA/QC procedures to ensure adequate data quality. This includes the analysis of certified reference materials in addition to analytical blanks and duplicates. However, SRK also apply a number of QA/QC checks on the received data, including the calculation of ion balances to determine the balance of cations and anions in the solutions, the comparison between electrical conductivity (EC) and total dissolved solids (TDS). For the humidity cell data, a comparison of pH measurements from both McClelland and Wetlabs is also carried out to assess data quality. The results of the quality control exercise are summarized in Figure 4-3 to Figure 4-6 and show generally good data quality, with ion balances almost uniformly within $\pm 10\%$ and good correlations between laboratory measurements. For pH, there is a slight difference in reported values between the two labs (Figure 4.5). This is only observed above pH 7.5

and shows a slight negative bias in the calibrated meters at McClelland laboratories versus measurements for the same solutions at Wetlabs. This is not considered significant as the Wetlab data is used in modeling.

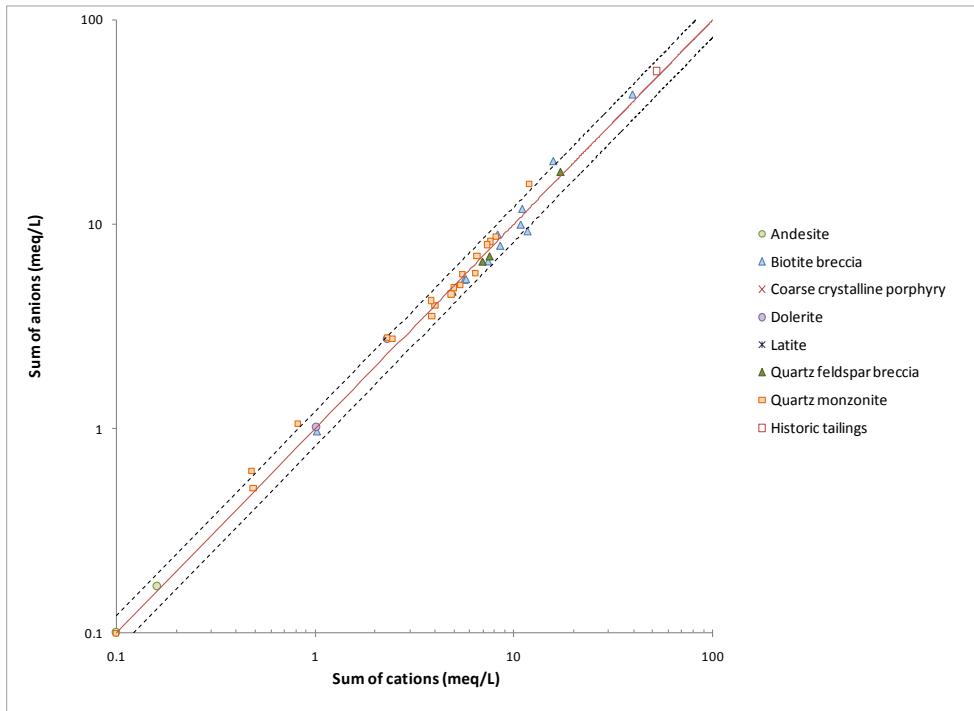


Figure 4-3: Ion balance plot for the MWMP test results

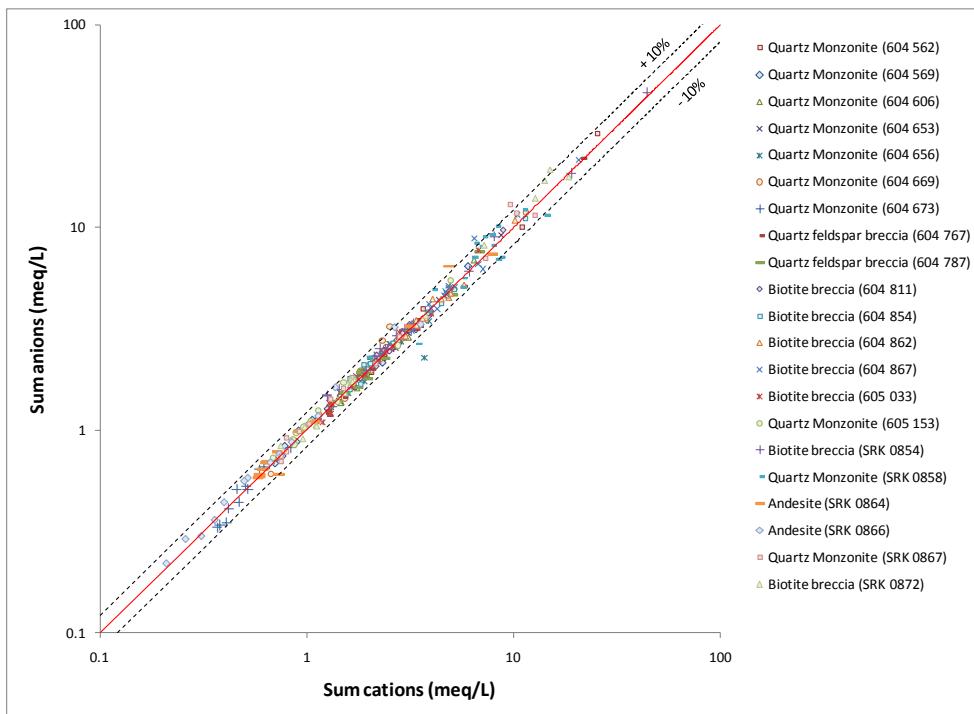


Figure 4-4: Ion balance plot for the HCT leachates

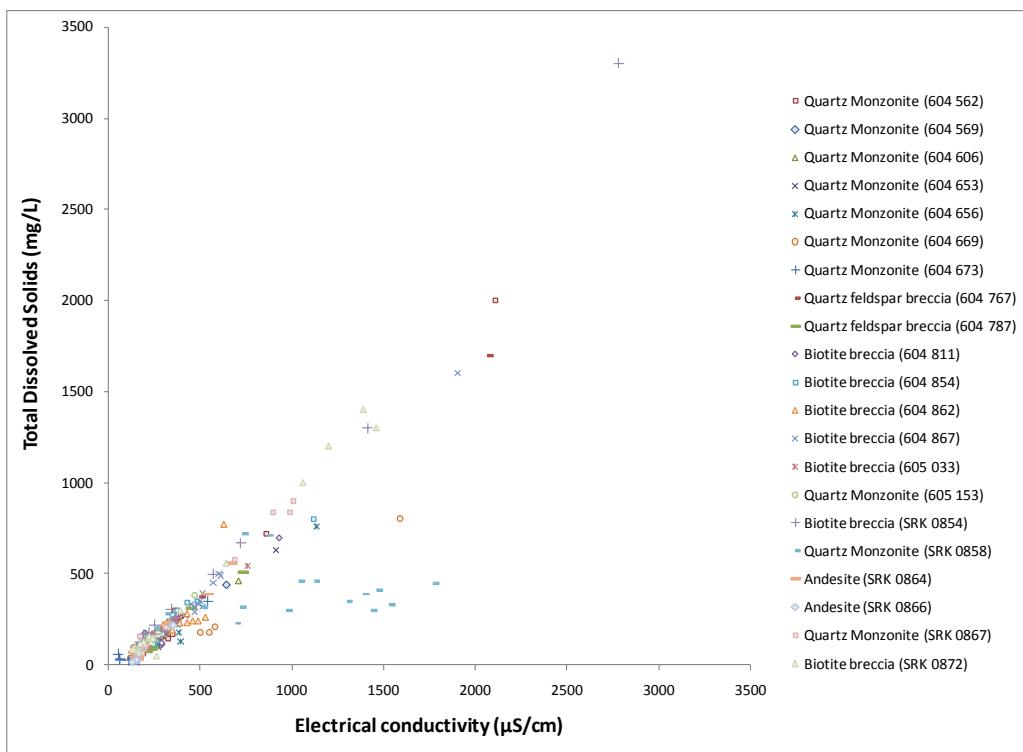


Figure 4-5: Scatter plot comparing EC and TDS for the HCT leachates

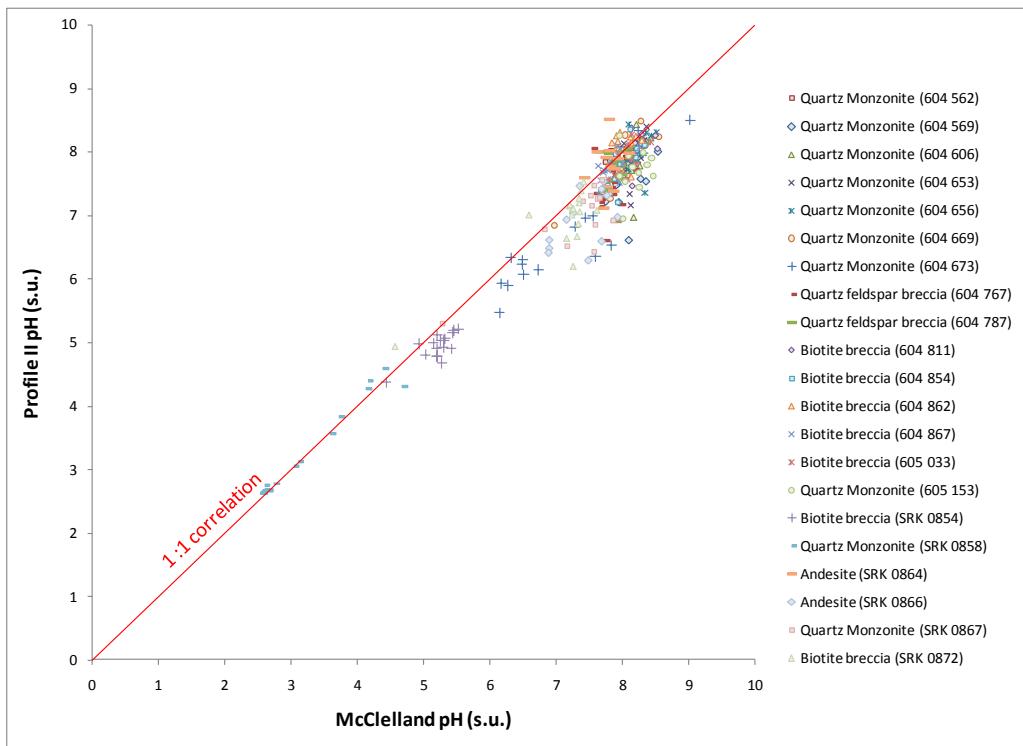


Figure 4-6: Scatter plot comparing McClelland pH and Wetlabs pH for the HCT leachates

5 Geochemical Characterization Results

5.1 Multi-Element Analysis Results

Multi element analysis was undertaken on all samples to provide an absolute upper limit of metals available for leaching from the Copper Flat materials. The results for key parameters related to ARDML are summarized in Table 5-1 and compared to average crustal concentrations using the Geochemical Abundance Index (GAI).

The results show that copper, sulfur and selenium are elevated in all material types, with GAI values between 1 and 6 representing greater than three times enrichment of average crustal concentrations. Copper concentrations were elevated up to 1 wt% and sulfur concentrations reached 3.34 wt%, with particular enrichment occurring in the biotite breccia material. These concentrations represent significant enrichment of average crustal concentrations, which are 55 mg/kg and 260 mg/kg for copper and sulfur, respectively. The elevated copper and sulfur concentrations are associated with the primary mineralization at Copper Flat, which is predominantly chalcopyrite (CuFeS_2).

Silver, arsenic, cadmium, molybdenum, lead, thallium, uranium, tungsten and zinc were also found to be elevated in one or more material type, with the greatest levels of enrichment occurring in the biotite breccia, quartz feldspar breccia and quartz monzonite material types. Many of these elements are typically associated with copper porphyry deposits (Rose, Hawkes and Webb, 1979), which explains their enrichment in the Copper Flat materials. In contrast, the dolerite and andesite material types typically showed much lower levels of elemental enrichment, which is likely to relate to the lack of primary mineralization in these lithological units.

Because copper, arsenic, cadmium, lead, uranium and zinc are environmentally sensitive elements, their release was closely monitored during the MWMP test to ensure that they are not leached at concentrations that may potentially post an impact to the surrounding environment.

Table 5-1: Summary of Multi Element Assay Results for Key Parameters related to ARDML

	#	Multi Element Analysis (average concentration in mg/kg)																			
		Ag	Al	As	Cd	Cr	Cu	Fe	Hg	Mn	Mo	Ni	Pb	S	Sb	Se	Tl	U	W	Zn	
Average crustal abundance (mg/kg)		0.07	81,300	1.8	0.2	100	55	50,000	0.08	950	1.5	75	13	260	0.2	0.05	0.5	1.8	1.5	70	
Andesite	4	0.27	80,225	0.90	0.56	67.3	217	56,400	0.01	861	5.38	11.2	8.65	925	0.40	2.00	1.31	2.05	2.20	60.3	
Biotite breccia	29	3.29	71,841	9.98	1.08	52.2	3,754	41,634	0.03	411	177	5.74	58.8	16,469	0.69	4.17	1.83	6.20	7.49	138	
Coarse crystalline porphyry	4	1.25	85,550	1.68	0.51	2.50	1,104	34,750	0.33	346	11.3	2.38	34.0	12,250	0.16	2.75	1.94	5.90	24.7	75.8	
Dolerite	2	0.20	82,900	0.40	2.25	119	1,664	60,200	0.01	1,380	4.37	63.8	6.10	1,350	0.18	2.50	0.31	4.85	1.00	213	
Latite	2	0.72	79,350	1.50	0.15	4.50	1,123	17,650	0.01	181	28.8	2.95	12.0	6,850	0.20	2.00	1.37	4.30	10.4	29.0	
Quartz feldspar breccia	24	1.56	72,471	6.00	0.90	28.8	1,974	22,750	0.03	314	56.7	3.98	30.4	9,488	0.34	2.92	1.56	6.63	8.15	120	
Quartz monzonite	67	1.62	79,701	1.55	0.63	43.7	2,087	22,324	0.02	302	99.7	3.76	35.6	9,345	0.30	3.01	1.68	5.99	9.59	87.2	
Cu Ro. tailings	1	1.06	71,400	4.20	-	16.0	686	25,500	0.05	451	-	12.4	55.8	7,800	0.74	-	1.78	6.00	9.80	108	
Historic tailings	2	1.26	79,950	5.05	0.41	46.0	1,175	30,350	0.01	398	43.8	6.15	28.9	13,100	0.37	3.50	2.05	7.50	9.65	69.0	

= number of samples representing material type

GAI = 0 represents < 3 times average crustal concentrations

GAI = 1 represents 3 to 6 times average crustal concentrations

GAI = 2 represents 6 to 12 times average crustal concentrations

GAI = 3 represents 12 to 24 times average crustal concentrations

GAI = 4 represents 24 to 48 times average crustal concentrations

GAI = 5 represents 48 to 96 times average crustal concentrations

GAI = 6 represents greater than 96 times average crustal concentrations

5.2 Acid Base Accounting Results

Acid Base Accounting was carried out on a total of 132 waste rock samples and 3 tailings samples in order to assess the balance of acid generating and acid neutralizing minerals. The results are summarized in Table 5-2 and plots of key parameters are provided in Figure 5-2 to Figure 5-4.

According to the Nevada BLM Water Resource Data and Analysis Guide for Mining Activities (BLM, 2008), samples with a 300 percent excess of neutralizing capacity (i.e. NPR > 3) and NNP greater than 20 kg CaCO₃ eq/ton can be considered non-acid generating materials. In general, a ratio of NPR < 1 or NNP less than -20 kg CaCO₃ eq/ton indicates a higher potential for acid generation. Samples with NPR values between 1 and 3 and/or NNP values between 20 and -20 kg CaCO₃ eq/ton have an uncertain potential for acid generation.

The Copper Flat samples were found to be variable in terms of their acid generating potential, which is a reflection of the variable sulfide content of the materials (Figure 5-1). The majority of the samples (72%) show an uncertain potential for acid generation with NNP values between 20 and -20 kg CaCO₃ eq/ton and NPR values between 1 and 3. The remaining 16% of the samples meet the BLM criteria and can be classified as NAF with NNP values greater than 20 kg CaCO₃ eq/ton and NPR values greater than 3. The remaining 12% of the samples are clearly potentially acid forming (PAF) materials based on NPR values less than 1 and NNP values less than -20 kg CaCO₃ eq/ton. Most of the samples that fall within the PAF category are ore grade samples, with the exception of three samples of quartz monzonite that were collected from the waste rock dump and pit wall (Figure 5-2).

The acid generating behavior of the Copper Flat materials is largely dependent on the sulfide sulfur content. This is supported by the plot of sulfide sulfur vs. NPR presented in Figure 5-4, that shows samples with a higher pyritic sulfur content (i.e., greater than 1 wt%) can be classed as potentially acid forming materials.

Although there are exceptions to all cases, some general trends in the ABA characteristics according to material type can be seen. Most of the biotite breccia samples are ore grade; therefore this material type is generally classified as PAF on the basis of ABA testwork. By comparison, the latite, dolerite and andesite materials generally exhibit NAF characteristics. The coarse crystalline porphyry shows an overall lower potential for acid generation with all four samples of this material type demonstrating an uncertain potential for acid generation. The tailings samples also show an uncertain potential for acid generation from the ABA testwork.

The quartz monzonite and quartz feldspar breccia were found to be more variable in terms of their acid generating potential, with samples showing PAF, NAF or uncertain characteristics. However, the majority of the samples for these two material types show an uncertain potential for acid generation. The samples of quartz monzonite and quartz feldspar breccia that are classified as PAF have sulfide sulfur concentrations greater than 1 wt% and are typically ore grade. The exceptions to this are the three grab samples of quartz monzonite that were collected from the surface of the waste rock dumps and pit wall.

Table 5-2: Summary of Acid Base Accounting Results

Lithology	#	Paste pH	Sulfide sulfur (wt%)	AP (CaCO_3 eq/t)		NP (CaCO_3 eq/t)		NNP (CaCO_3 eq/t)		NPR	
				Mean	S.D.	Mean	S.D.	Mean	S.D.	Mean	S.D.
Andesite	4	7.86	0.08	2.50	4.40	23.8	1.58	21.5	6.04	61.9	39.7
Biotite breccia	29	6.24	1.16	38.6	20.4	25.8	9.28	-12.8	21.6	1.52	3.20
Coarse crystalline porphyry	4	8.30	0.76	26.5	9.33	21.7	2.30	-4.80	9.06	0.90	0.32
Dolerite	2	6.39	0.02	0.60	0.42	44.4	49.1	43.9	49.8	137	179
Latite	2	8.43	0.21	10.1	5.30	34.0	0.00	24.0	5.30	3.93	2.08
Quartz feldspar breccia	24	8.19	0.51	18.9	17.0	28.5	8.99	9.59	17.2	2.85	2.45
Quartz monzonite	67	5.88	0.56	18.6	13.0	23.3	14.9	4.73	21.1	2.61	4.79
Cu Ro. tailings	1	8.12	0.61	19.1	-	32.5	-	13.4	-	1.70	-
Historic tailings	2	7.94	0.77	24.1	0.42	21.3	5.87	-2.85	6.29	0.89	0.26

Number of samples representing material type
█ Potentially acid forming (PAF)
█ Potentially acid forming (lower capacity)
█ Non Acid Forming (NAF)

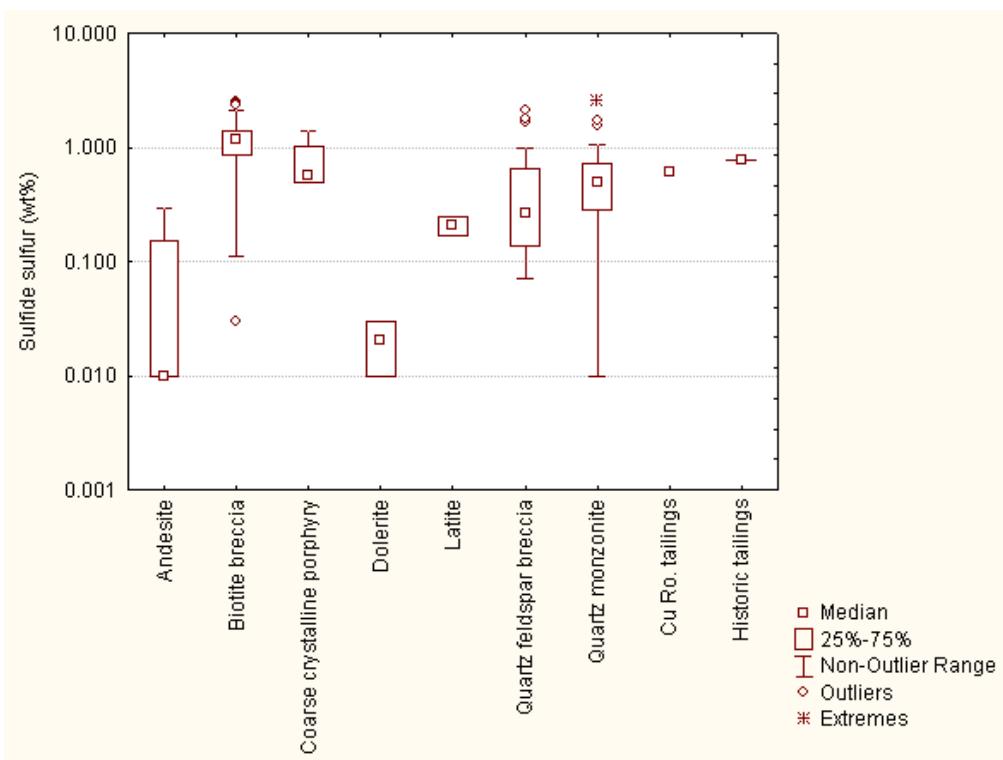


Figure 5-1: Box and Whisker Plot showing Pyritic Sulfur Content of the Copper Flat Materials

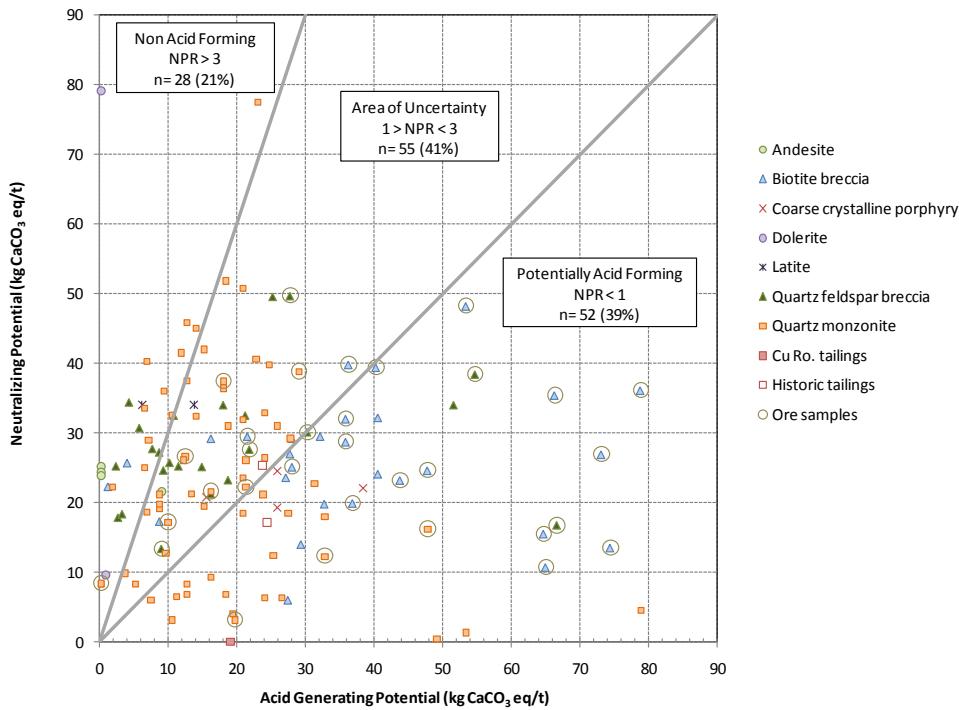


Figure 5-2: Scatter Plot of Acid Generation Potential vs. Neutralizing Potential

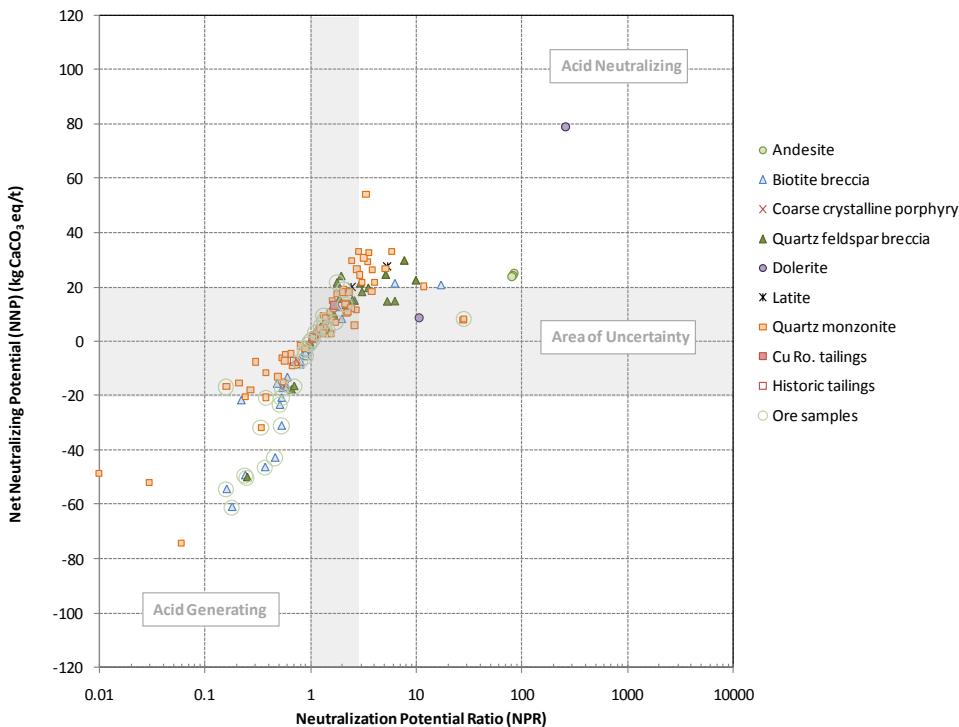


Figure 5-3: Scatter Plot of Neutralization Potential Ratio vs. Net Neutralizing Potential

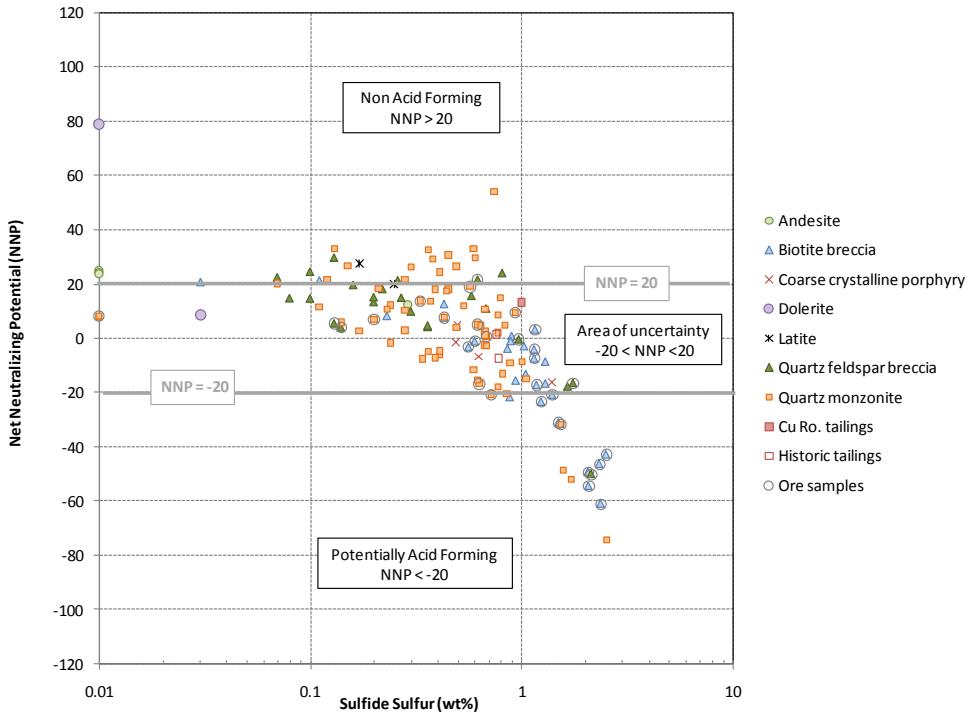


Figure 5-4: Scatter Plot of Sulfide Sulfur vs. Net Neutralizing Potential

5.3 Net Acid Generation Results

Net Acid Generation testing was carried out on a total of 132 waste rock samples and 3 tailings samples in order to assess the potential for acid generation given complete oxidation of sulfide minerals in the Copper Flat materials. The results are summarized in Table 5-3. In general, a NAG pH greater than 4 s.u. and a NAG value equal to zero are indicative of a non-acid generating material.

The dolerite, latite and tailings samples were uniformly characterized by a NAG pH greater than 4 and a NAG value of zero, indicating that they are unlikely to be problematic in terms of long-term acid generation. In contrast, the biotite breccia material typically exhibited moderately high capacity PAF characteristics, with lower NAG pH values and the potential to generate up to 23.8 kg H₂SO₄ eq/ton. In general the samples of biotite breccia that showed higher capacity PAF characteristics were samples of ore grade material (Figure 5-5). The four samples of coarse crystalline porphyry are all predicted to be acid generating from the NAG testwork; however, three out of four of the samples show an overall lower capacity for acid generation with NAG values less than 10 kg H₂SO₄ eq/ton.

The quartz monzonite samples were found to be more variable in terms of their acid generating characteristics, with four samples of this material type showing high capacity PAF characteristics, nine samples showing low capacity PAF and 54 samples being non-acid forming (NAG <1). This is related to the variable sulfide sulfur content of the quartz monzonite material (Figure 5-4). Similar to the ABA data, the four samples of quartz monzonite with the highest potential for acid generation from the NAG test were grab samples collected from the surface of the waste rock dumps and pit walls with NAG values between 35 and 45 kg H₂SO₄ eq/ton.

Table 5-3: Summary of Net Acid Generation Results

Lithology	#	NAG pH		NAG value (kg H ₂ SO ₄ eq/t)	
		Mean	S.D.	Mean	S.D.
Andesite	4	6.50	2.23	1.23	2.45
Biotite breccia	29	6.32	2.48	5.00	8.25
Coarse crystalline porphyry	4	3.03	0.22	10.4	2.38
Dolerite	2	8.69	1.94	0	0
Latite	2	8.08	0.30	0	0
Quartz feldspar breccia	24	7.92	1.46	0.72	3.52
Quartz monzonite	67	7.11	2.26	2.81	8.45
Cu Ro. tailings	1	9.23	-	0	-
Historic tailings	2	8.78	0.33	0	0

Number of samples representing material type

Potentially Acid Forming (PAF)

Potentially Acid Forming Lower Capacity

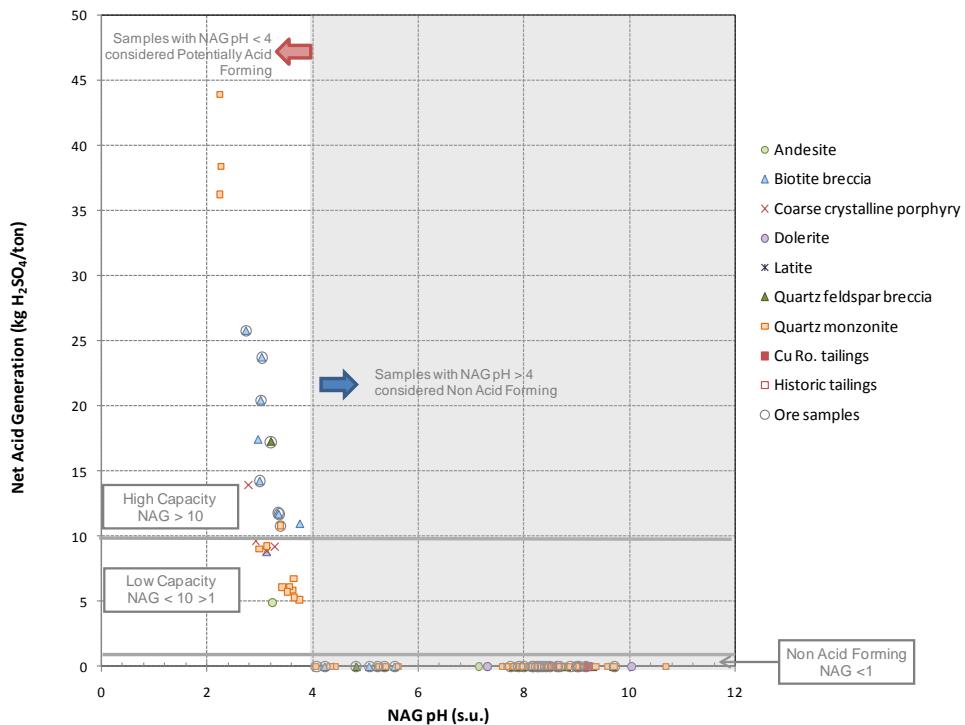


Figure 5-5: Scatter Plot of NAG pH vs. NAG

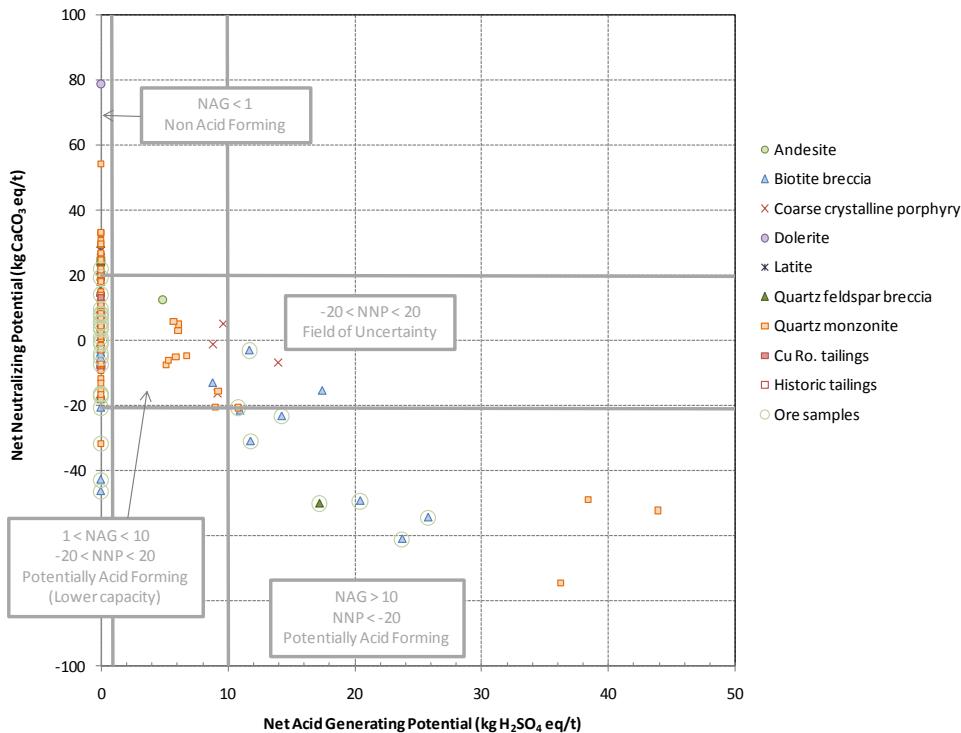


Figure 5-6: Scatter Plot of Net Acid Generation vs. Net Neutralization Potential

5.4 Short-Term Metal Leaching Results (MWMP)

MWMP tests were conducted on a total of 50 waste rock and tailings samples to provide an indication of elemental mobility and metal(loid) release from the Copper Flat material types. The results are presented and compared to New Mexico Water Quality Control Commission Groundwater standards for human health in Figure 5-7 to Figure 5-9. In addition, a plot of MWMP pH vs. Ficklin metal (cobalt + cadmium + copper + lead + nickel + zinc) release is presented in Figure 5-10.

In general, metal mobility and metal leaching from the Copper Flat materials was found to be low, with many parameters being below analytical detection limits in the leachates. Furthermore, the leachates were typically characterized by circum-neutral to moderately alkaline pH (pH 6.9 to 8.7) indicating that short-term acid generation is unlikely to be an issue.

From Figure 5-10, the majority of leachates generated during the MWMP test could be classed as near-neutral, low-metal waters based on pH values typically between 7 and 9 and total Ficklin metal release less than 1 mg/L. However, one sample of dolerite, two samples of biotite breccia and five samples of quartz monzonite material were seen to produce acidic leachates (pH 3.05 to 5.5), with elevated total Ficklin metal concentrations up to 291 mg/L (Figure 5-10). These samples were almost uniformly grab samples collected from the existing waste rock dumps on site, where the material has had opportunity to weather since deposition. The higher release of acidity and metals from these grab samples therefore likely represents the flushing of soluble acidic sulfate weathering salts from the material surface.

Figure 5-12 shows that the majority of the metal load from the grab samples is made up of copper, which supports the prediction that the elevated metals release is related to the flushing of soluble copper salts from the surface of the waste rock materials rather than the oxidation of sulfide

minerals. This hypothesis is further supported by the poor correlation between Ficklin metal release and the sulfide sulfur content of the samples (Figure 5-11).

Metal(loid) release during the MWMP test was compared to New Mexico Human Health Groundwater Standards. The results are presented in the box and whisker plots in Figure 5-7 to Figure 5-9. This comparison shows that constituents were generally released at concentrations not exceeding water quality standards. However, exceedances for a few parameters were noted including:

- Fluoride release from the biotite breccia, quartz feldspar breccia, quartz monzonite and historic tailings was found to exceed New Mexico water quality standard of 1.6 mg/L for a number of samples. The highest effluent concentrations recorded during the MWMP test were 74 mg/L from the biotite breccia material.
- Cadmium release from two samples of biotite breccia and one sample of dolerite was found to exceed the 0.01 mg/L standard. Maximum concentrations recorded in the MWMP test were 0.068 mg/L.
- Mercury release from two samples of quartz monzonite material was 0.003 mg/L and 0.006 mg/L compared to a water quality standard of 0.002 mg/L.
- Uranium release from the biotite breccia, quartz feldspar breccia, quartz monzonite and historic tailings was found to exceed the New Mexico water quality standard of 0.03 mg/L for a number of samples. The highest effluent concentrations recorded during the MWMP test were 0.19 mg/L from the historic tailings.

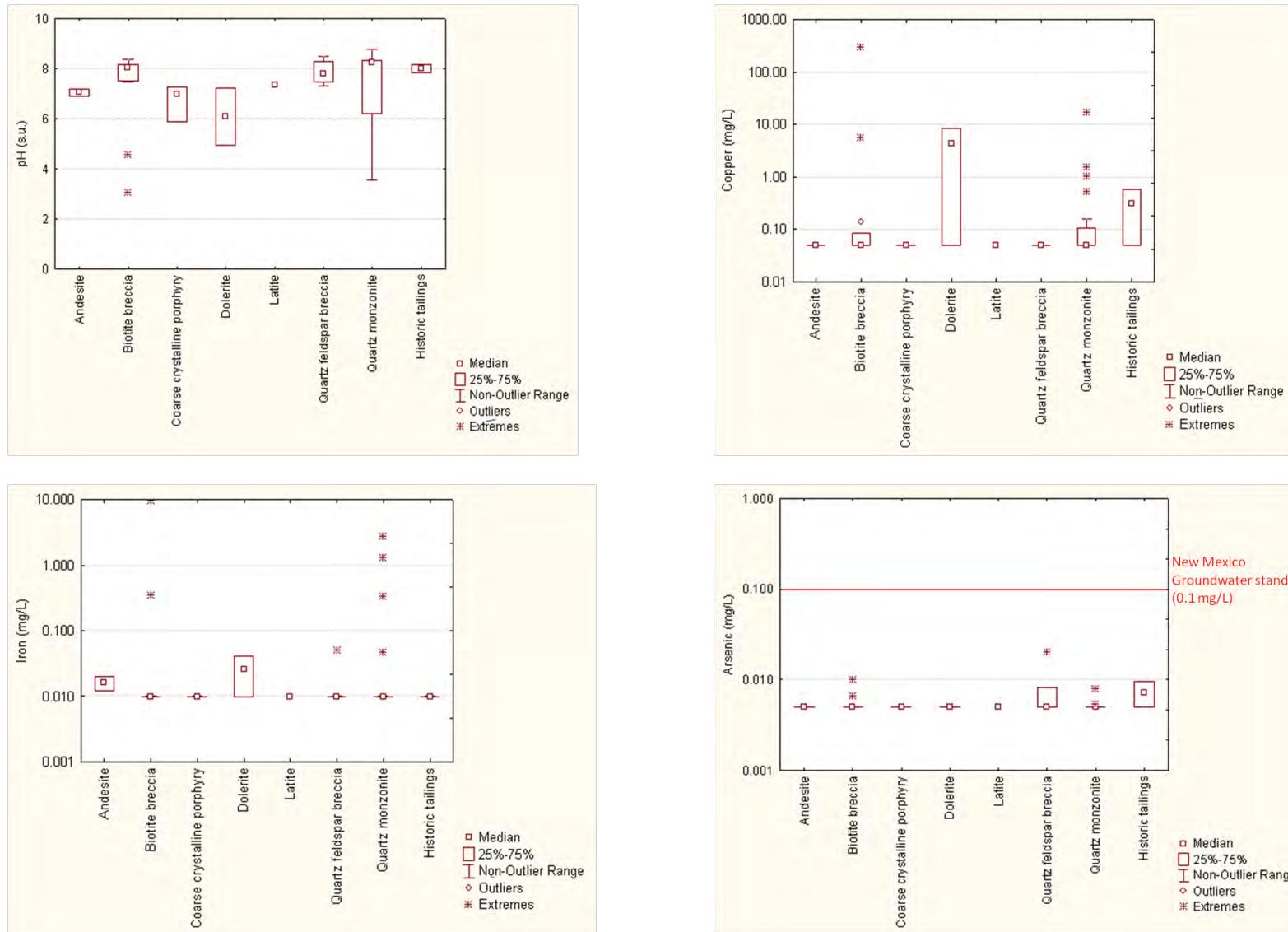


Figure 5-7: Plots of MWMP elemental release compared to New Mexico Water Quality Control Commission Groundwater Standards for Human Health

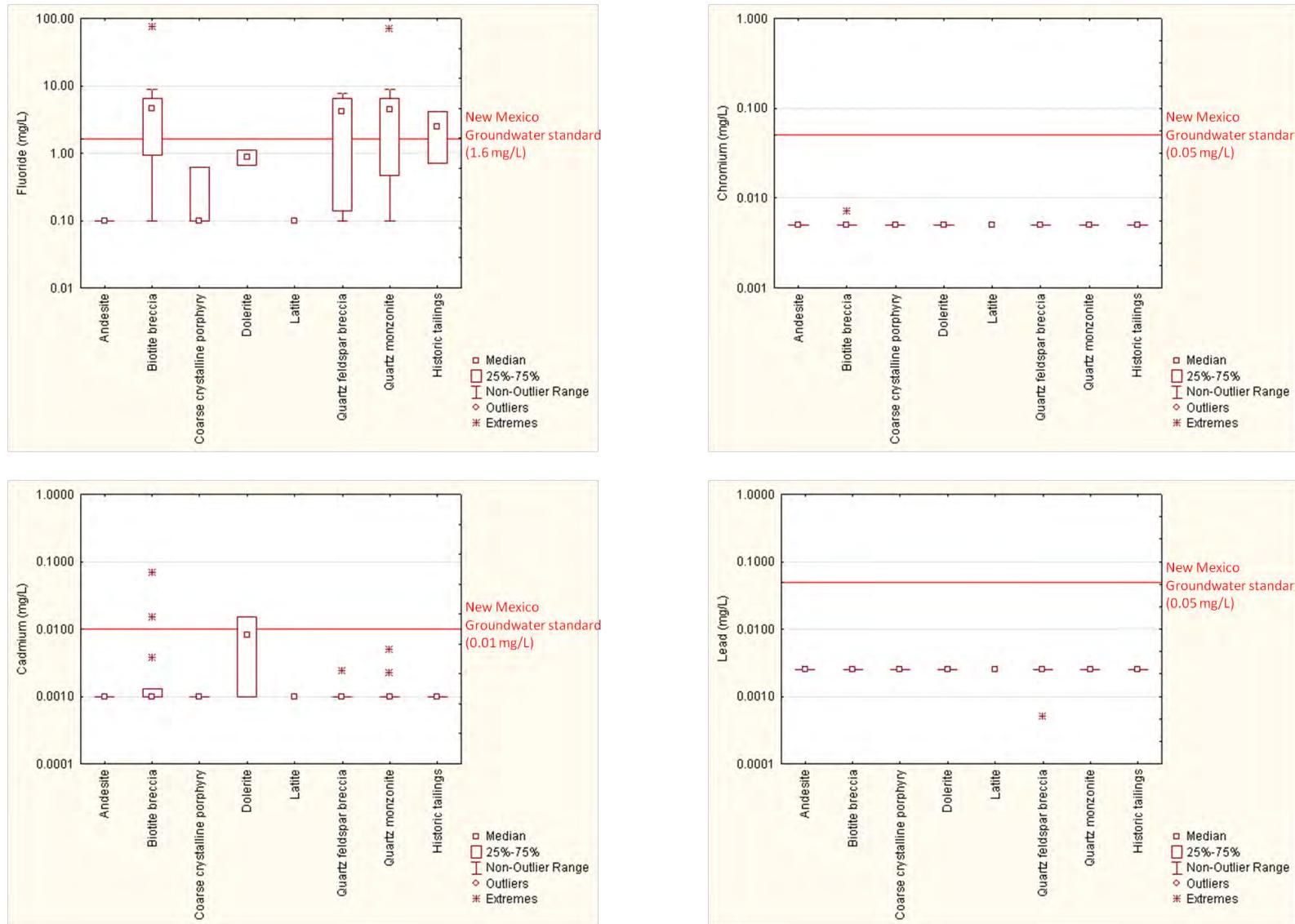


Figure 5-8: Plots of MWMP elemental release compared to New Mexico Water Quality Control Commission Groundwater Standards for Human Health

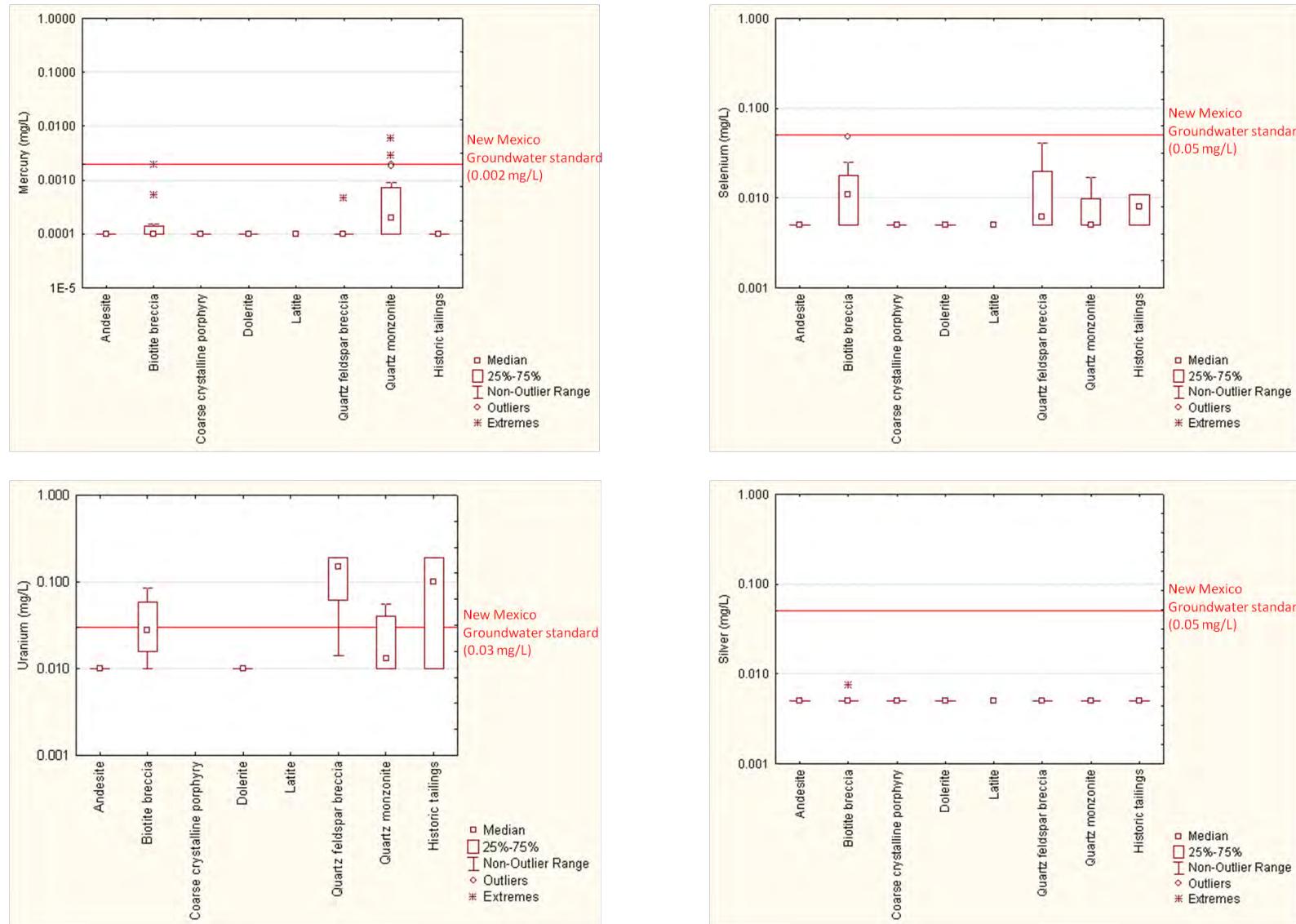


Figure 5-9: Plots of MWMP elemental release compared to New Mexico Water Quality Control Commission Groundwater Standards for Human Health

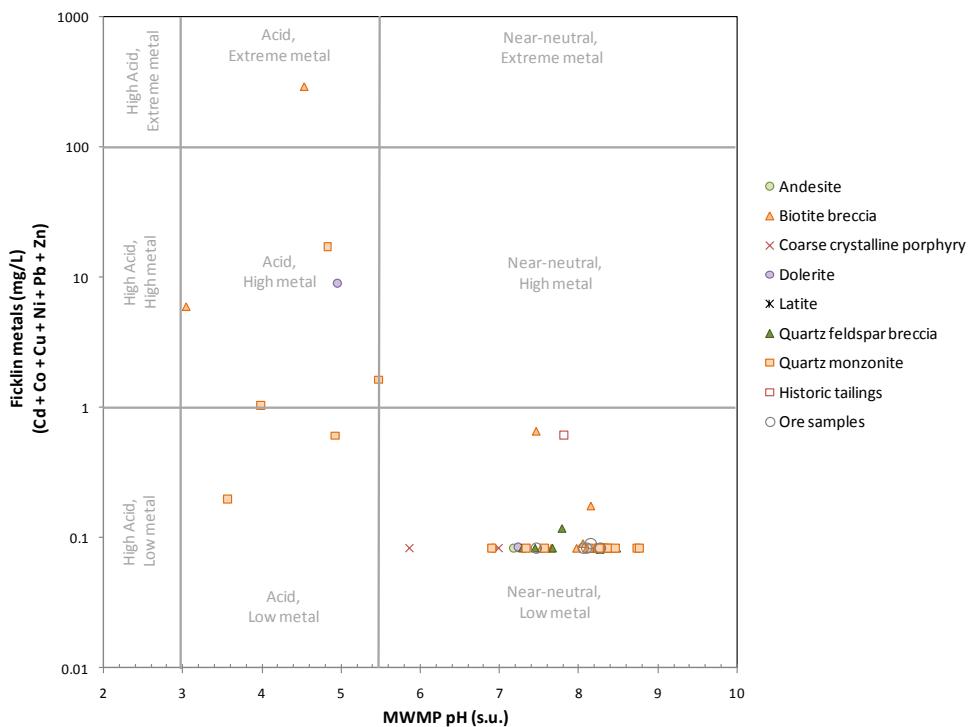


Figure 5-10: MWMP pH vs. Ficklin Metal Release

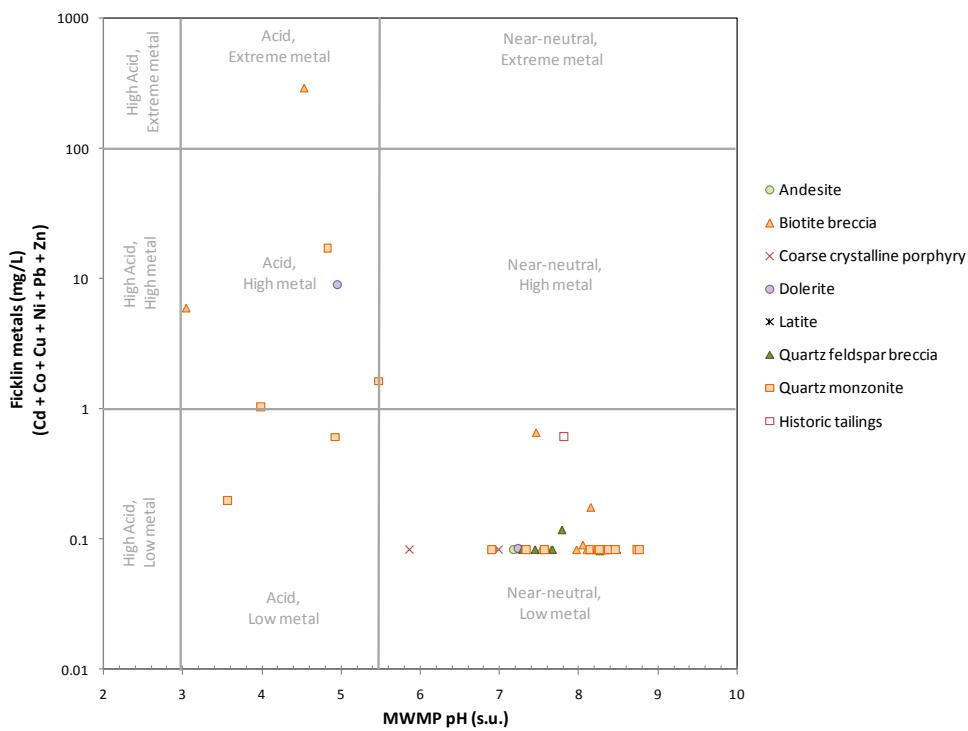


Figure 5-11: Scatter plot of sulfide sulfur vs. MWMP Ficklin metal release

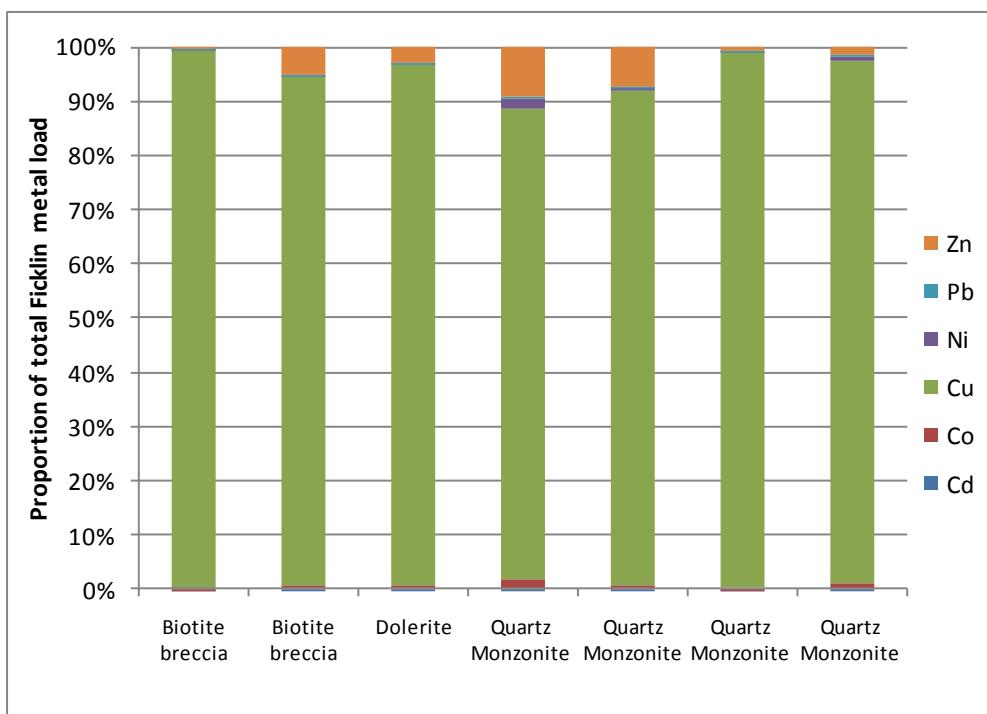


Figure 5-12: Histogram of percentage contribution of parameters to total Ficklin metal release in the MWMP tests (grab samples only)

5.5 Humidity Cell Test Results

Humidity cell testing is being carried out on twenty one samples of waste rock and ore. Thirteen of the cells reached steady state conditions and were terminated at week 40 and an additional four cells were terminated between week 52 and week 60. The remaining four cells are still operational and results are available through week 61. Humidity cell testing is also underway on the sample of tailings material from the metallurgical test and the results are available through week 28. Time series plots of elemental release from the waste rock and tailings samples are presented in Figure 5-13 to Figure 5-25.

The trends of effluent pH for each of the cells are presented in Figure 5-13. This demonstrates that the majority of cells produce circum-neutral to moderately alkaline pH leachates (pH 7 to 9) throughout the course of the testwork. Furthermore, the effluent pH is stable for most cells throughout the testwork period, indicating no onset of sulfide oxidation. In contrast, cells SRK 0858 (quartz monzonite) and SRK 0854 (biotite breccia) both produced acidic leachates (pH 3 to 5) from week zero onwards, which likely reflects the fact that material in these cells is from surface grab samples that were noted as having secondary copper sulfate salts on the material surface. These salts are likely to be readily-soluble and flushing during the leach cycle may generate acidic leachates and result in elevated sulfate and metals release. Indeed Figure 5-16 and Figure 5-17 show that cell SRK 0854 (biotite breccia collected from the Sternberg lode) has particularly elevated sulfate and copper release, with up to 1,043 mg/kg and 376 mg/kg release, respectively at week zero. The Sternberg lode is a small mine that yielded 200 tons of copper ore between 1911 and 1934 (Raugust, 2003). Observations made during the field sampling program show that material within the Sternberg lode has significant chalcanthite ($\text{Cu}^{2+}\text{SO}_4\cdot 5\text{H}_2\text{O}$) on the surface of the rock. Dissolution of this mineral during the HCT leach cycles is likely responsible for the low pH and elevated metals concentrations observed in the resulting leachate from this cell.

The leachates from most cells show elevated electrical conductivity (EC) during the first five weeks of testing, which corresponds to an initial flush of sulfate from the cells. However, iron release was below analytical detection limits for the majority of samples (Figure 5-15), indicating that the initial flush in sulfate concentrations is not related to sulfide oxidation but rather to the flushing of readily-soluble sulfate salts from the material surface. In contrast, the increase in effluent iron and sulfate concentrations in cell SRK 0858 (quartz monzonite) after week nine indicate the onset of sulfide oxidation in this cell. This is supported by the corresponding drop in pH and increase in effluent metal concentrations.

Metal release from the drill core samples was generally low throughout the testwork period, with many parameters being at or near analytical detection limits in the leachates (including aluminum, arsenic, cadmium, chromium and copper). Metal release from the grab samples was generally higher, with detectable release of zinc, copper, manganese and molybdenum, particularly in the first 5 weeks of testwork. Again, this likely represents the flushing of soluble acid sulfate salts from the material surface, which lowers the pH and increases the solubility of base metal ions. This is supported by the Ficklin plot presented in Figure 5-25, which shows that leachates from the majority of cells can be classed as near-neutral, low-metal waters based on effluent pH greater than 5.5 s.u. and Ficklin metal concentrations less than 1 mg/L. However, leachates from cells SRK 0854 (biotite breccia) and SRK 0858 (quartz monzonite) can be classed as acid, high-metal waters based on Ficklin metal concentrations up to 837 mg/L. Metal(loid) release from the majority of cells had stabilized by week 30 and as a result these cells were terminated at week 40. Cells that still showed reactivity were continued beyond week 40, however steady-state conditions have now been achieved in all but four of the cells.

Several of the quartz monzonite, biotite breccia and quartz feldspar breccia samples showed elevated uranium release, particularly during the first ten weeks of testing. Uranium concentrations in the HCT leachates reached a maximum of 0.23 mg/L for cell 604 767 (quartz feldspar breccia), which is above the New Mexico Human Health Groundwater Standard of 0.03 mg/L. However, uranium release in all cells is below the NMWQCC groundwater standards by week 40.

The Piper plot presented in Figure 5-26 shows that the leachates from most cells can be classed as either calcium + sulfate ($\text{Ca} + \text{SO}_4$) or calcium + bicarbonate ($\text{Ca} + \text{HCO}_3$) type waters, with calcium representing the major cation in solution and either sulfate or bicarbonate the major anion.

Figure 5-23 shows that there has been a depletion of neutralizing potential (NP) in the HCT cells over the course of the testwork period. The consumption of NP was slow in the majority of cells, with samples still having over 80% of the initial NP remaining at week 40. This indicates that significant buffering is still available in these cells. However, four cells (SRK 0867, SRK 0854, SRK 0858 and 604669) show rapid consumption of NP throughout the testwork, with cell SRK 0858 (quartz monzonite) showing complete consumption of NP by week 29. This rapid consumption of NP in these cells is related to the lower initial NP available (less than 6 kg CaCO_3 eq/ton) in these samples as well as the consumption of available NP through the buffering of acid.

Results for the tailings humidity cell are currently available through week 28. The cell is currently producing moderately alkaline leachates (pH 7.9 to 8.2) and levels of metal(loid) release are very low, with many parameters being at or near analytical detection limits. The cell still has 93% of neutralizing potential remaining at week 28.

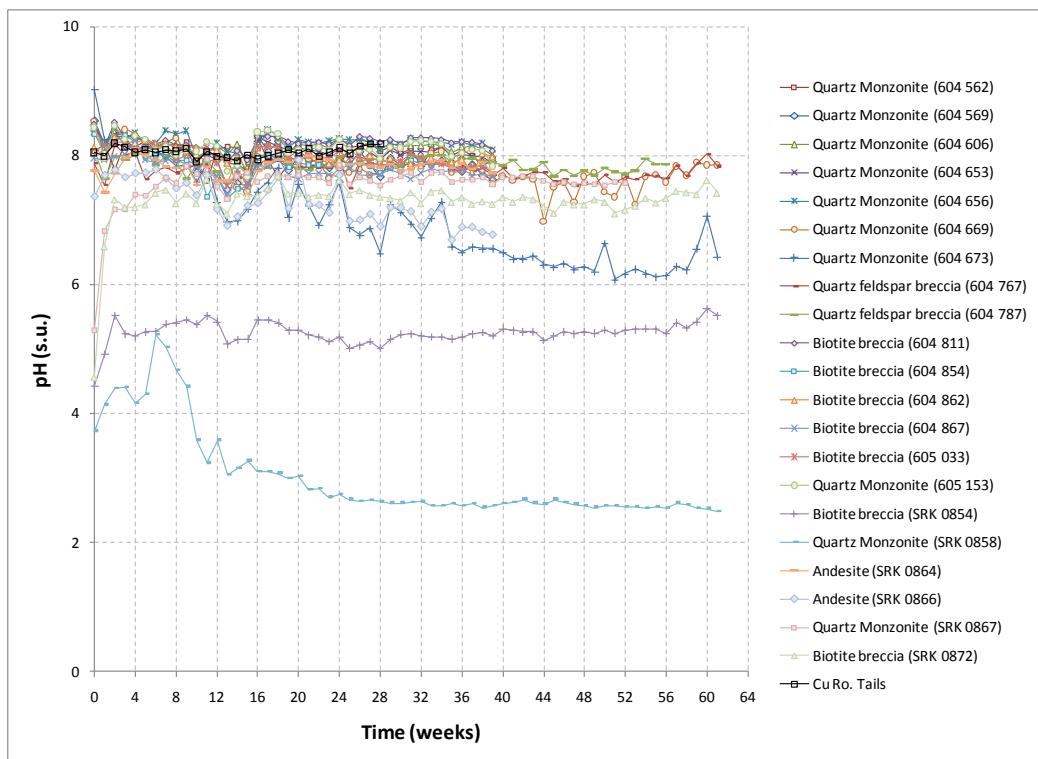


Figure 5-13: HCT Effluent pH

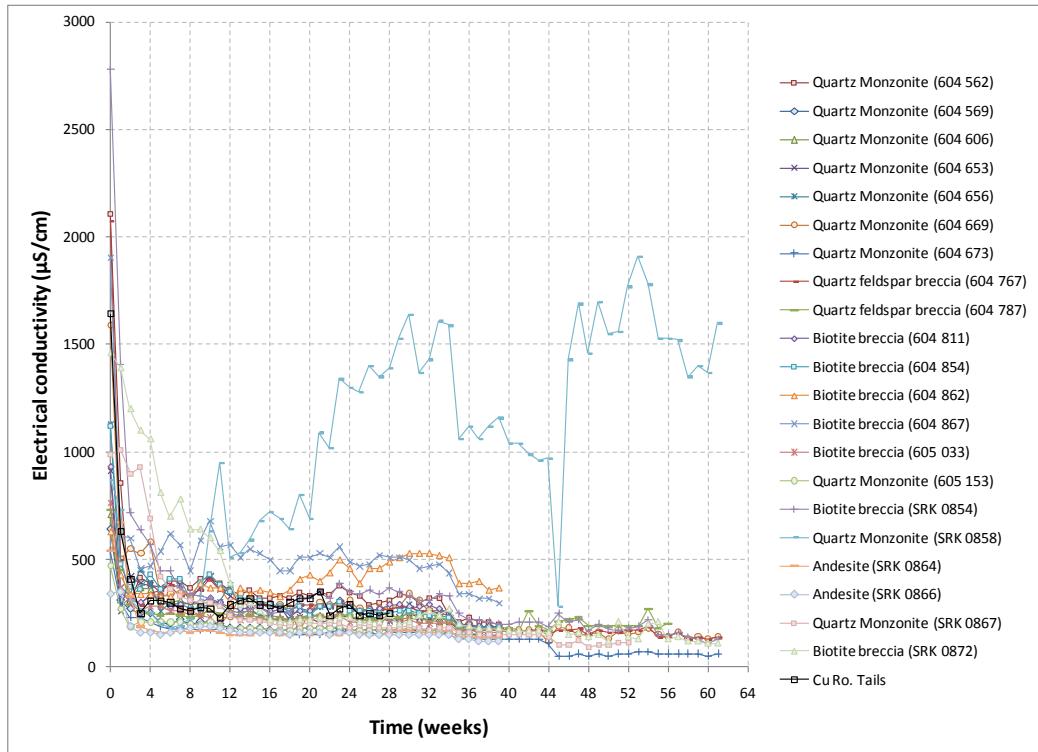


Figure 5-14: HCT Effluent Electrical Conductivity

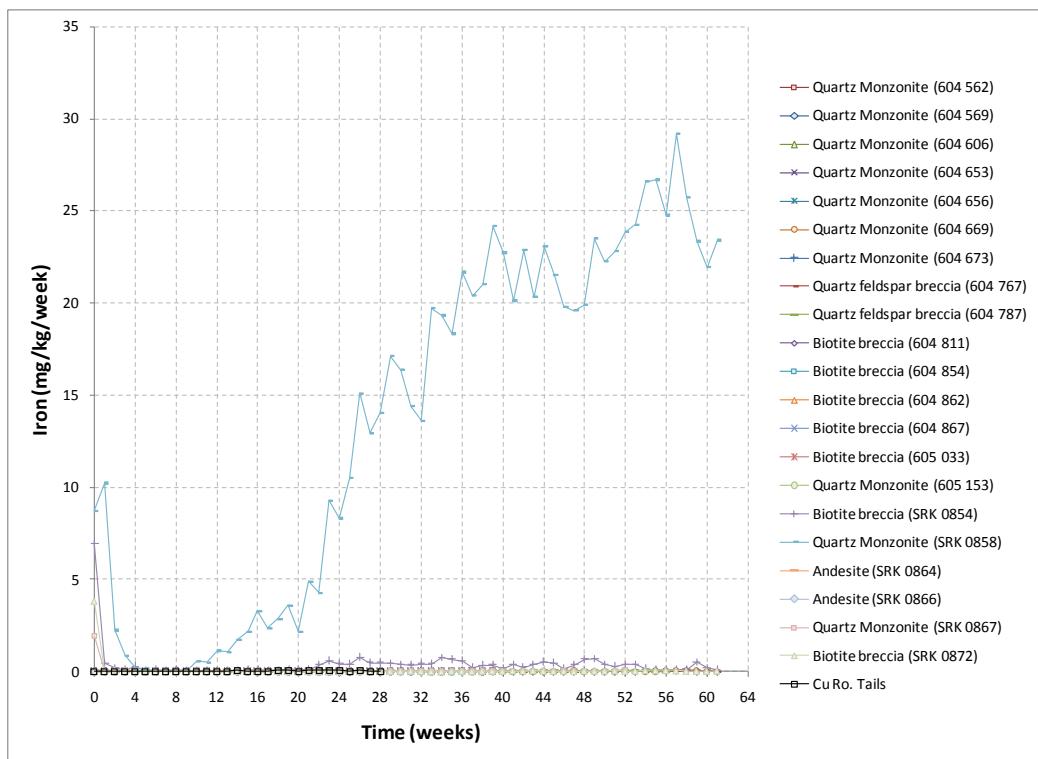


Figure 5-15: HCT Effluent Iron

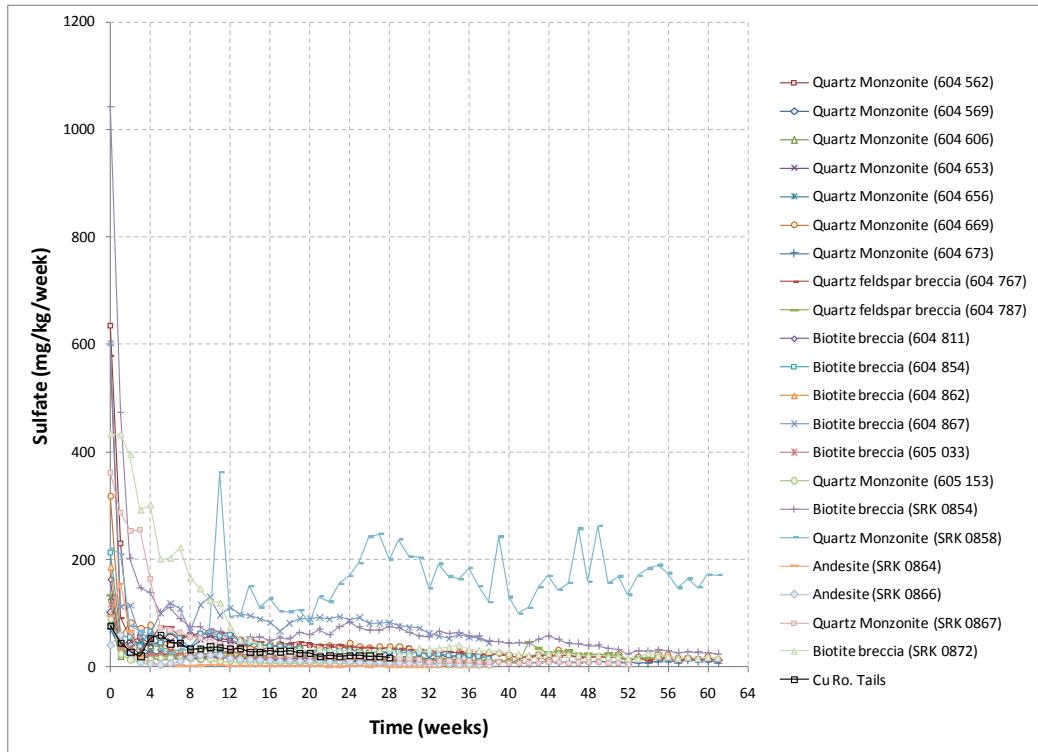


Figure 5-16: HCT Effluent Sulfate

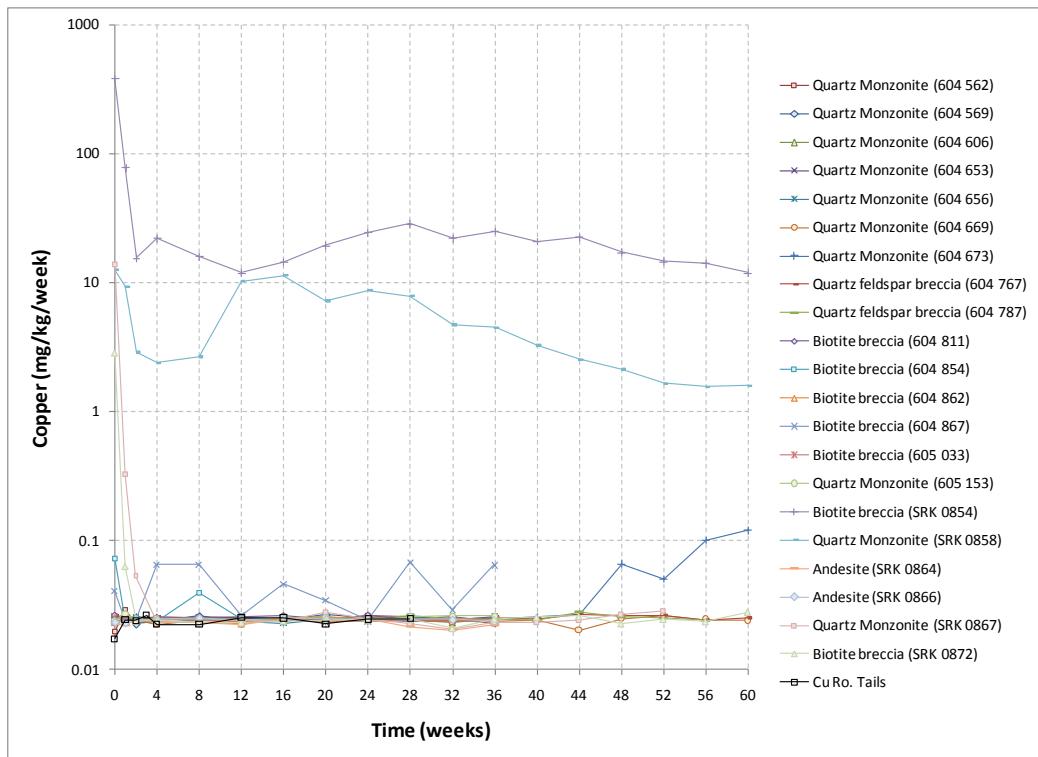


Figure 5-17: HCT Effluent Copper

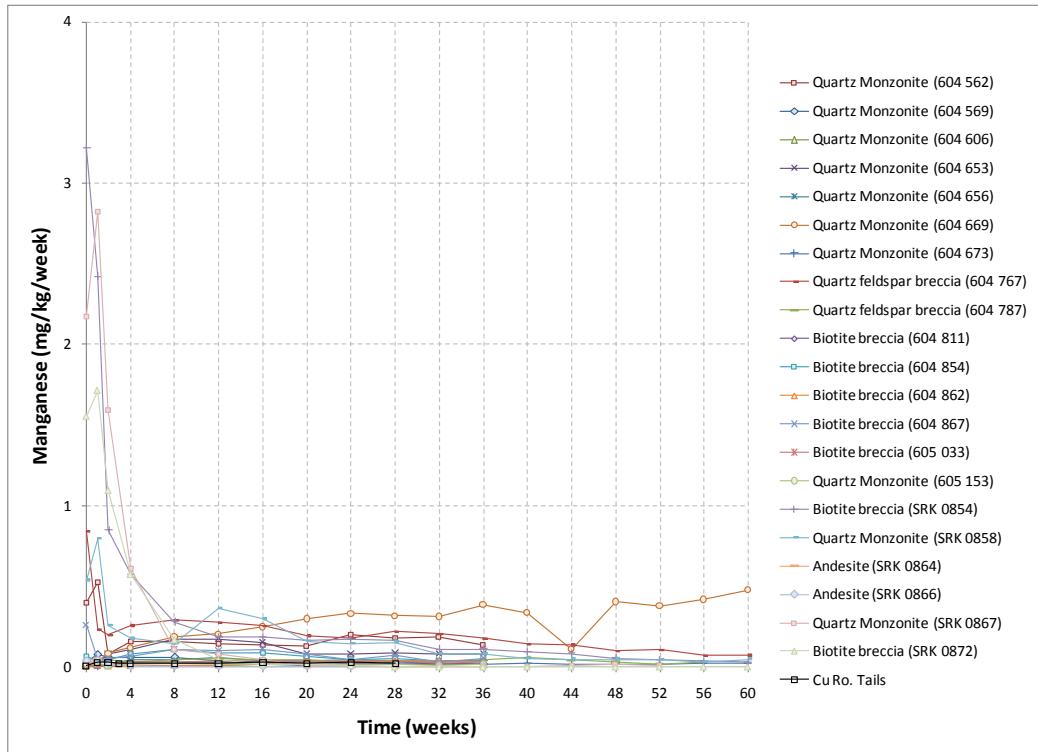


Figure 5-18: HCT Effluent Manganese

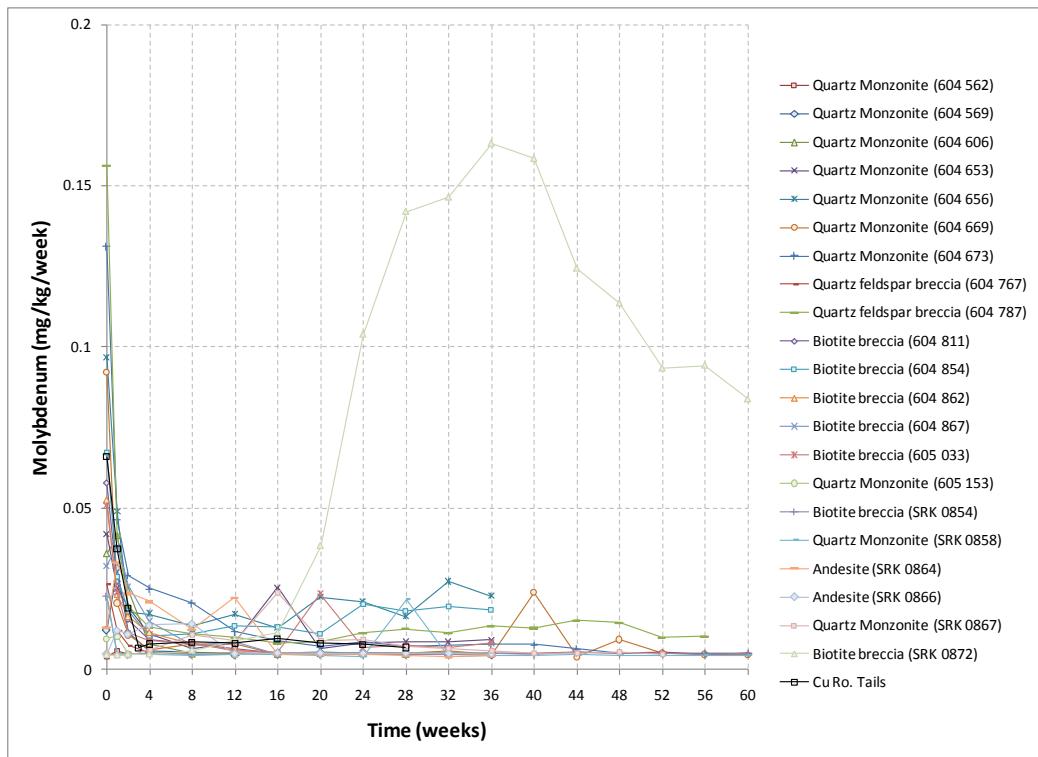


Figure 5-19: HCT Effluent Molybdenum

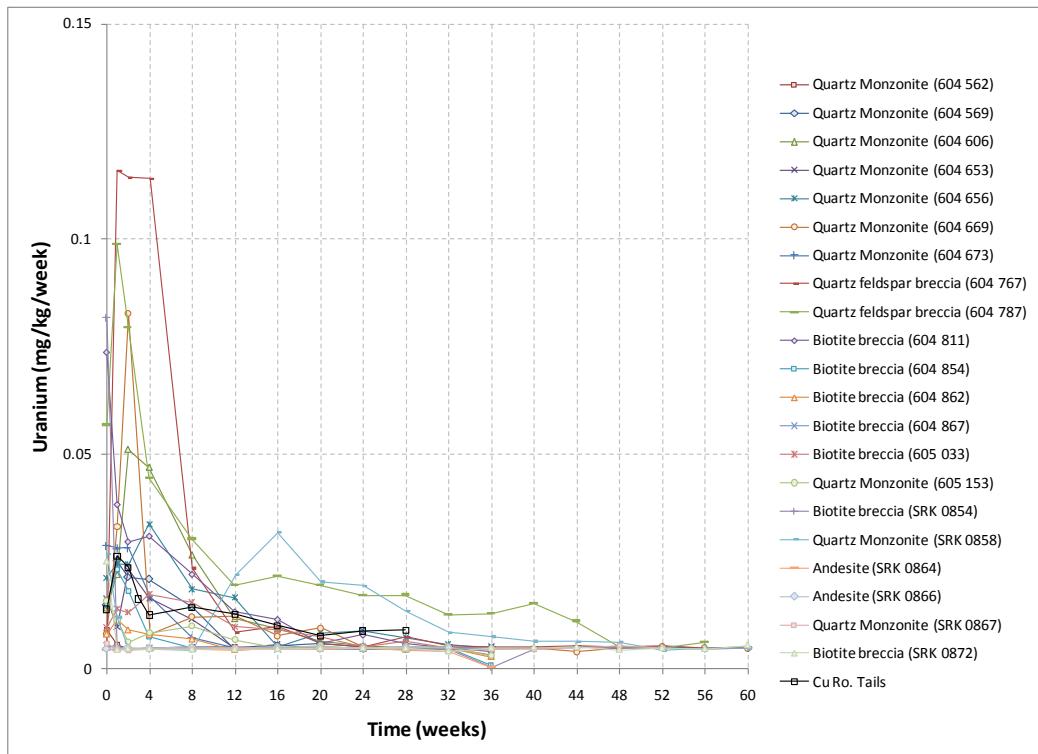


Figure 5-20: HCT Effluent Uranium

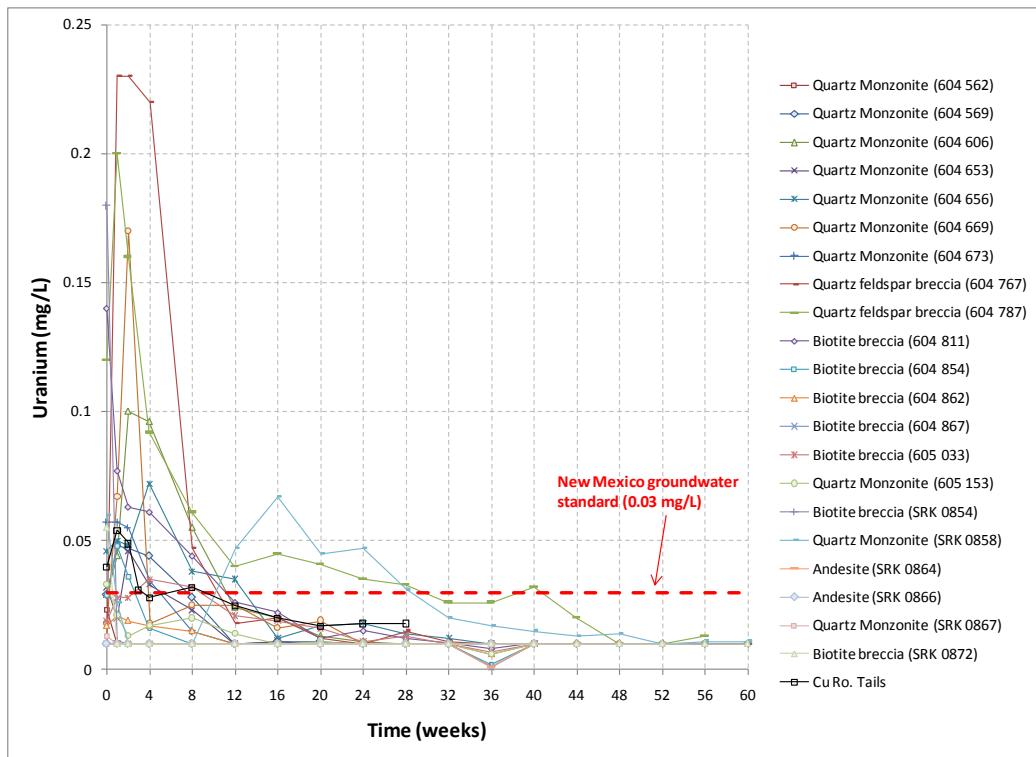


Figure 5-21: HCT Effluent U (in mg/L) compared to NM GW standard

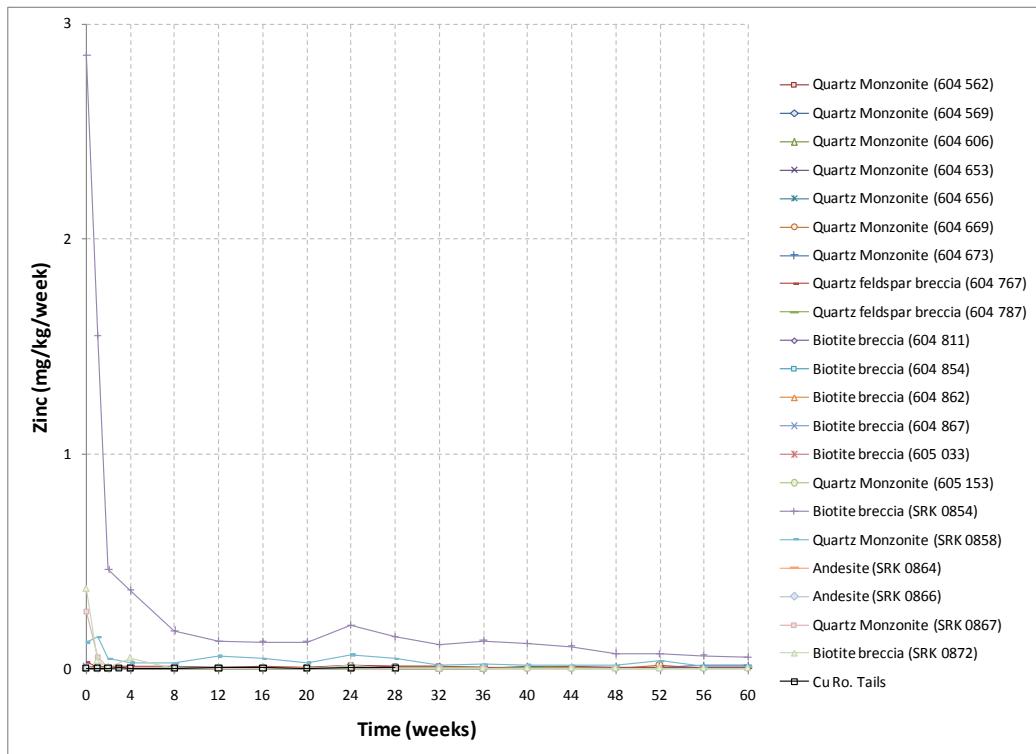


Figure 5-22: HCT Effluent Zinc

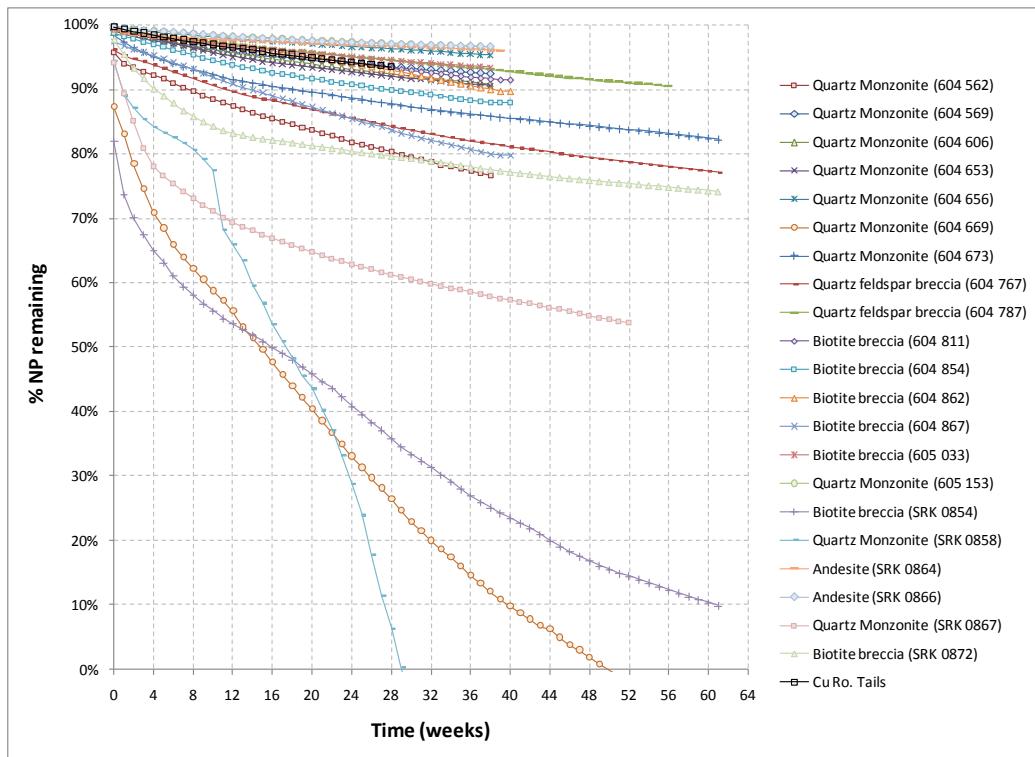


Figure 5-24: HCT Sulfide Remaining

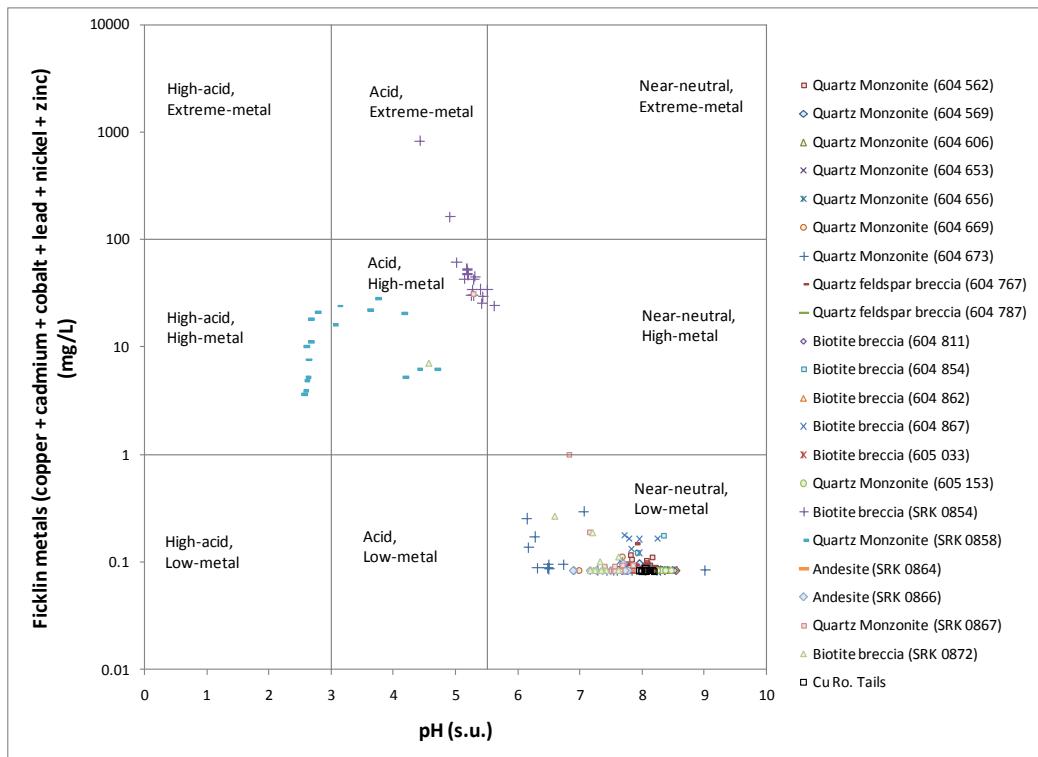


Figure 5-25: HCT pH vs. Ficklin Metal Release

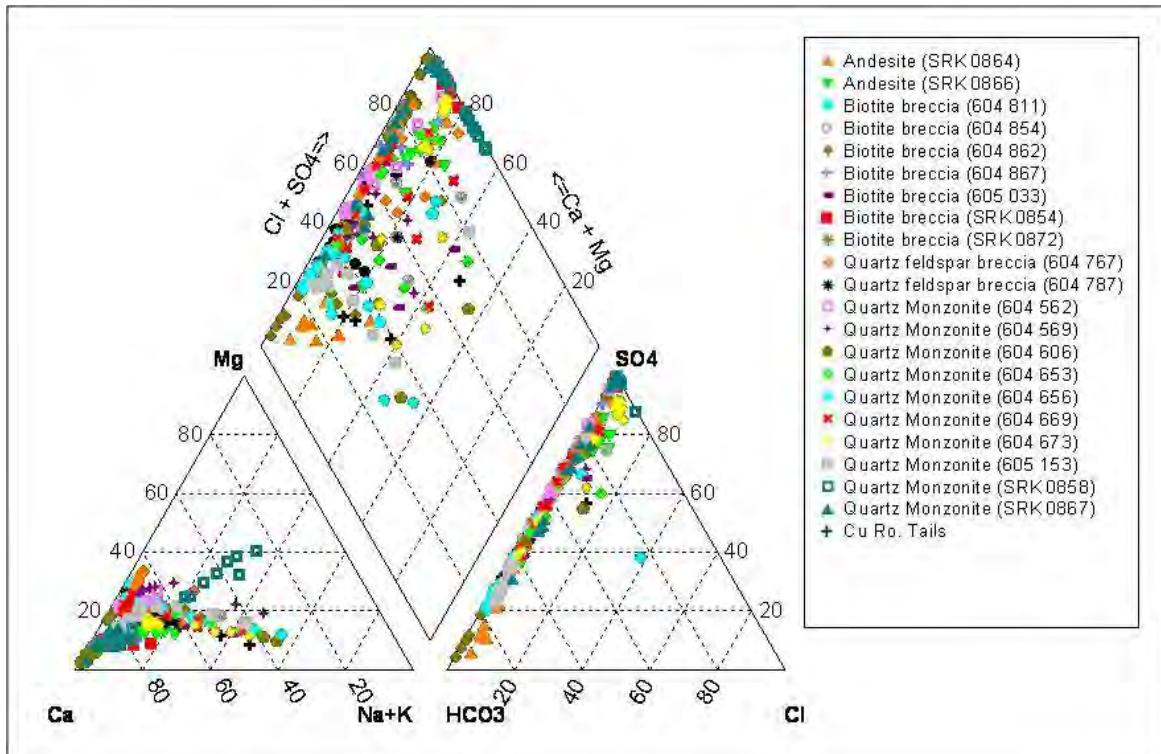


Figure 5-26: Piper Plot showing HCT major ion chemistry

5.6 Comparison of Static and Kinetic Testwork Results

A comparison of the static test results with the corresponding HCT results provides an indication of the effectiveness of the static tests in predicting longer term behavior (Table 5-4). As shown in Table 5-4, the results of the HCT tests to date are not consistent with the prediction of acid generation based on ABA results. However, the correlation between the HCT results and the acid generation prediction from the NAG results shows a better correlation and indicates the NAG test is more effective in predicting the acid generating potential of the Copper Flat material types.

The discrepancy between ABA and NAG/HCT results indicates that there may be some silicate buffering capacity in the Copper Flat material types or that despite the presence of sulfide minerals, they are encapsulated in non-reactive minerals such as quartz and thus not exposed or available for reactivity. Although this silicate buffering potential is unlikely to be high magnitude, it may initially modify/buffer pH if present (Nesbit and Jambor, 2008). It should be stressed that the HCT predictions in Table 5-4 may not reflect the long term behavior of the material. Those cells predicted to be acid generating from the ABA and NAG tests may eventually develop acidic conditions as the HCT testing continues and the neutralization capacity of the cells is consumed. This is supported by the two grab samples collected from the surface of the waste rock dumps that have been exposed to water and oxygen. These samples show generally lower pH and higher metals release, which is related to the flushing of readily-soluble secondary salts from the material surfaces. These results suggest that as the Copper Flat waste rock material weathers and sulfide minerals oxidize, the potential for acid generation and metal mobility increases.

Table 5-4: Comparison of HCT results with static testwork results

Lithology	Cell ID	Acid Generation Prediction*		
		ABA	NAG	HCT
Andesite	SRK 0864	NAF	NAF	NAF
	SRK 0866	NAF	PAF	NAF
Biotite breccia	604811	PAF	NAF	NAF
	SRK 0854	PAF	PAF	PAF
	605033	NAF	NAF	NAF
	SRK 0872	PAF	PAF	NAF
	604862	NAF	NAF	NAF
	604867	PAF	NAF	NAF
	604854	PAF	NAF	NAF
	Quartz feldspar breccia	PAF	PAF	NAF
Quartz Monzonite	604767	PAF	PAF	NAF
	604787	PAF	NAF	NAF
	604562	PAF	NAF	NAF
	604606	NAF	NAF	NAF
	604673	PAF	PAF	NAF
	604569	PAF	NAF	NAF
	SRK 0867	PAF	NAF	NAF
	604669	PAF	NAF	NAF
	604653	NAF	NAF	NAF
	605153	NAF	NAF	NAF
	SRK 0858	PAF	PAF	PAF
	604656	NAF	NAF	NAF

* **PAF** = Potentially Acid Forming; **NAF** = Non-Acid Forming

6 Comparison of 1997 and 2010/2011 Data

In order to ensure that the geochemical datasets collected in both 1997 and 2010/2011 are comparable, SRK has undertaken a comparison of the testwork results obtained from ABA and NAG tests. This comparison has evaluated the two datasets as a whole and has not considered variations within individual material types. This is because the material type designations used in both the 1997 and the 2010/2011 assessments were different, and thus this would not be an appropriate comparison. For example, the 1997 geochemical characterization program delineates samples according to oxidation (e.g. sulfide, transitional, oxide), whilst the 2010/2011 program classifies materials purely according to lithology. Nonetheless, the lithology types sampled during both the 1997 and 2010/2011 geochemical characterization programs are comparable (Table 6-1).

Table 6-1: Summary of 1997 and 2010 Sampling

1997 Sampling		2010/2011 Sampling	
Material Type	Sample No.	Material Type	Sample No.
Quartz Monzonite	94	Quartz Monzonite	67
Quartz Breccia	28	Quartz Feldspar Breccia	24
Biotite Breccia	10	Biotite Breccia	29
Andesite	1	Andesite	4
Quartz Vein	8	--	--
--	--	Dolerite	2
--	--	Coarse crystalline porphyry	4
--	--	Latite	2
Total	141	Total	97

Comparison of the 1997 and 2010/2011 data sets is illustrated on scatter plots and box and whisker plots presented in Figure 6-1 to Figure 6-7. The scatter plot comparing the sulfide sulfur content and net neutralizing potential (NNP) of the 1997 and 2010/2011 samples provided in Figure 6-1 demonstrates that the two sample sets are broadly comparable, with a similar range in values. However, the 2010/2011 data set generally has more samples that fall within the zone of uncertainty or that are non-acid forming. Conversely, the 1997 data set contains more samples that show potentially acid forming (PAF) characteristics.

The box and whisker plot provided in Figure 6-2 shows the range and median values of NNP for each data set. This demonstrates that the two data sets are comparable in terms of the range of NNP values, but the samples collected in 1997 generally show a trend towards more acid generating characteristics. A reason for this may have been bias in collecting higher sulfide or weathered material on the dumps, whereas a more representative sample set was collected from drill core in 2010/2011.

The tendency of the 1997 samples towards acid generating characteristics is also illustrated in the scatter plot of paste pH vs. sulfide sulfur content presented in Figure 6-3. This shows that the paste pH values for the samples collected in 1997 are generally lower in comparison to the 2010/2011 data. This likely reflects the nature of the samples themselves, with the 1997 samples being entirely grab samples collected from surface waste rock dumps and the 2010/2011 samples being a mixture of both surface grab samples and also drill core material from depth. The significance of this difference in sample type is that surface grab samples are likely to be characterized by the presence of soluble (and potentially acidic) salts on the material surface, whereas the drill core samples are

likely to be largely unweathered. Consideration of the grab samples only (Figure 6-4) shows a slightly better correlation between the two datasets, but paste pH values from 2010/2011 are still generally higher than observed in the 1997 dataset.

Comparison of 1997 and 2010/2011 NAG testwork results shows a fairly significant difference between the two datasets. This is largely due to a difference in testwork methodology, with the 1997 analysis including the determination of NAG values for samples with a NAG pH greater than 4. This is different to the 2010/2011 methodology employed, whereby NAG values were only determined for samples with NAG pH less than 4 s.u. Comparison of the two datasets for only samples with a NAG pH less than 4 shows that the samples are broadly similar in terms of their net acid generating potential (Figure 6-6 and Figure 6-7).

In general, consideration of both the 1997 and 2010/2011 geochemical databases shows that they are comparable in terms of their geochemical characterization and acid generating potential.

However, the samples collected in 1997 show a trend towards having a generally greater acid generating potential, whilst the 2010/2011 dataset contains more samples that show uncertain or non-acid forming characteristics. Any significant differences observed between the two datasets are either a function of testwork methodology utilized (in the case of the NAG results) or as a result of the nature of the samples themselves (i.e. grab samples vs. core). Possibly the major reason for the difference is a bias in the 1997 sample collection towards surface or weathered material with few “fresh rock” samples (i.e., preferential selection of highest sulfide/weathered materials). The 1997 samples are analogous to waste rock materials that have been exposed to oxygen and water for over 20 years and have developed soluble acidic salts as a result of weathering. Therefore, it is important to consider these results in the current investigation in order to capture the range of waste rock behavior associated with the Copper Flat deposit.

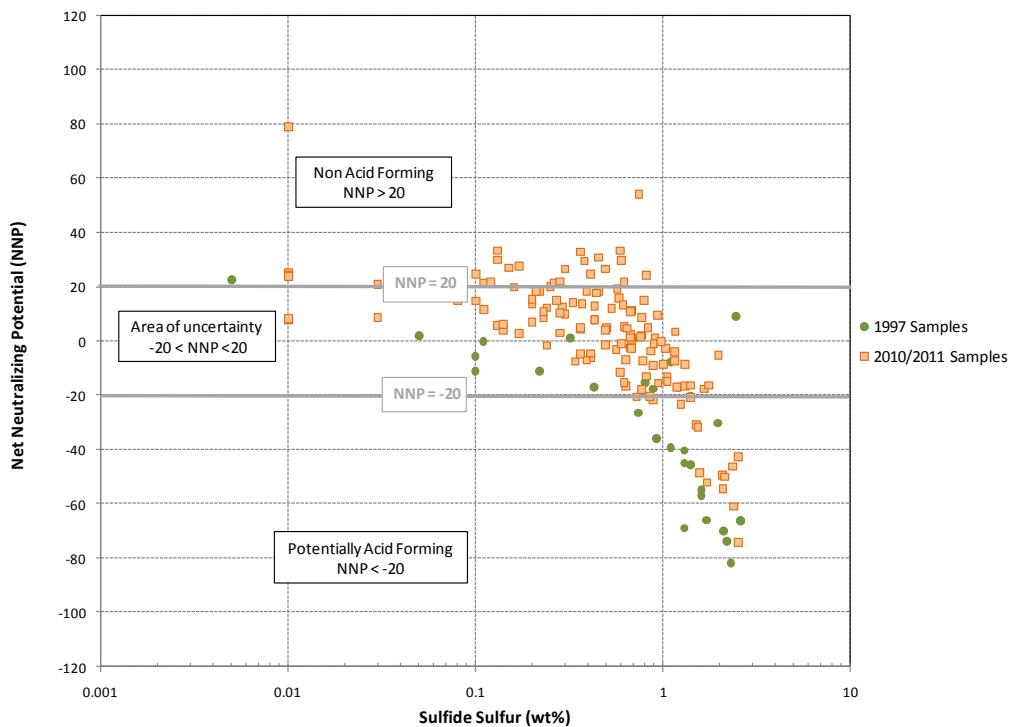


Figure 6-1: Scatter Plot of Sulfide Sulfur vs. Net Neutralizing Potential (NNP)

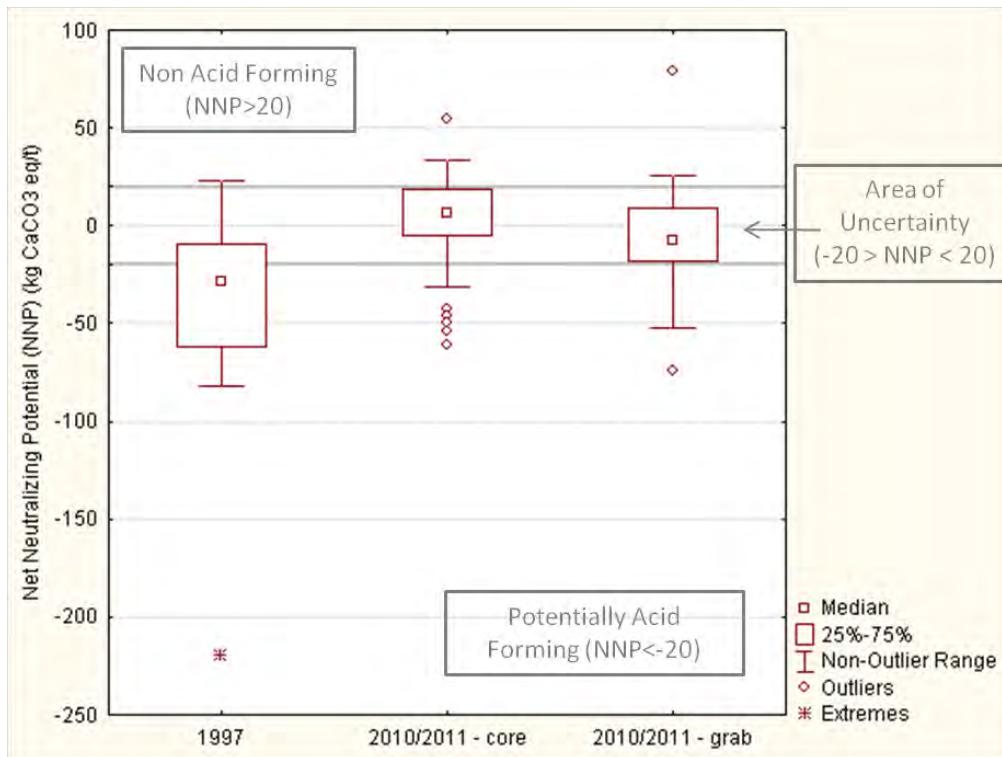


Figure 6-2: Box and Whisker Plot of Net Neutralizing Potential (NNP)

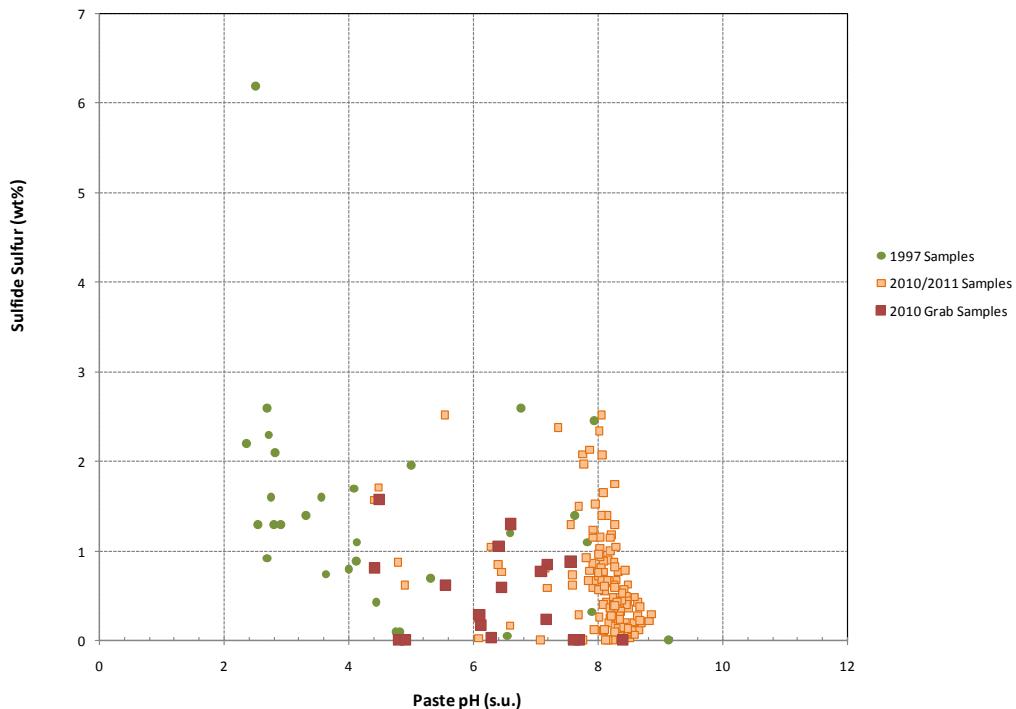


Figure 6-3: Scatter Plot of Paste pH vs. Sulfide Sulfur Content

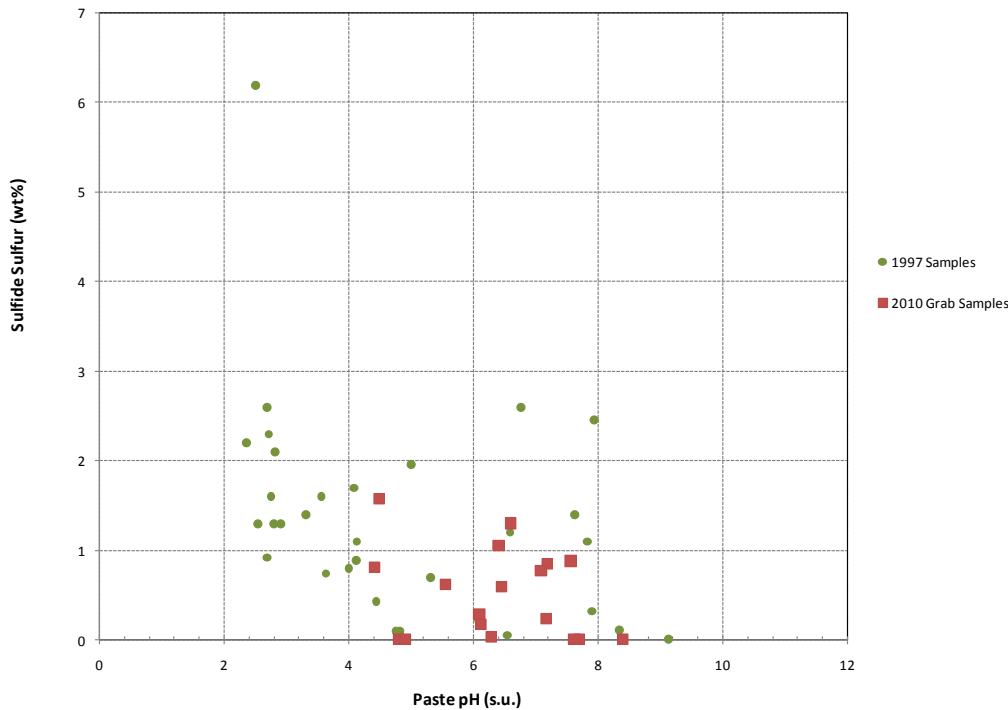


Figure 6-4: Scatter Plot of Paste pH vs. Sulfide Sulfur Content (grab samples only)

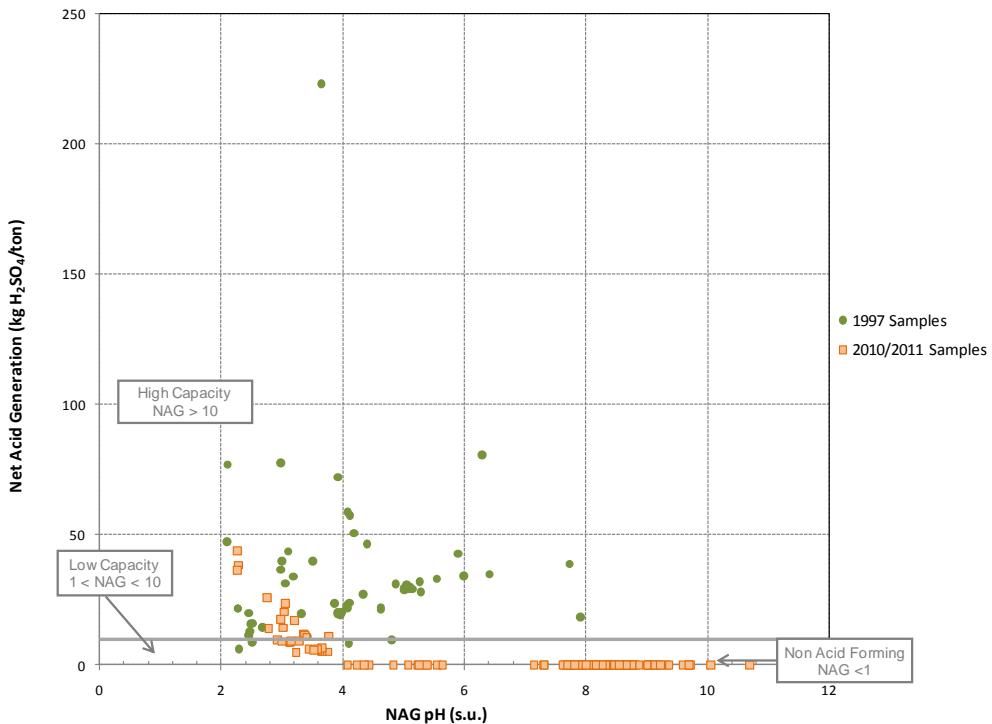


Figure 6-5: Scatter Plot of NAG pH vs. Net Acid Generation (NAG) value

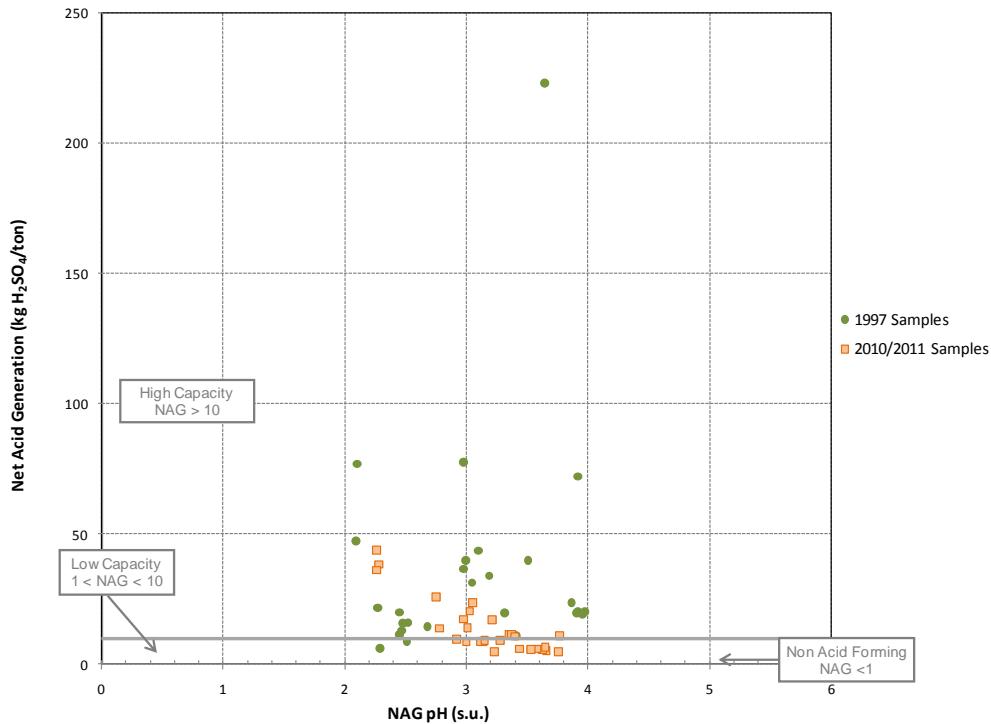


Figure 6-6: Scatter Plot of NAG pH vs. NAG for Samples with NAG pH <4

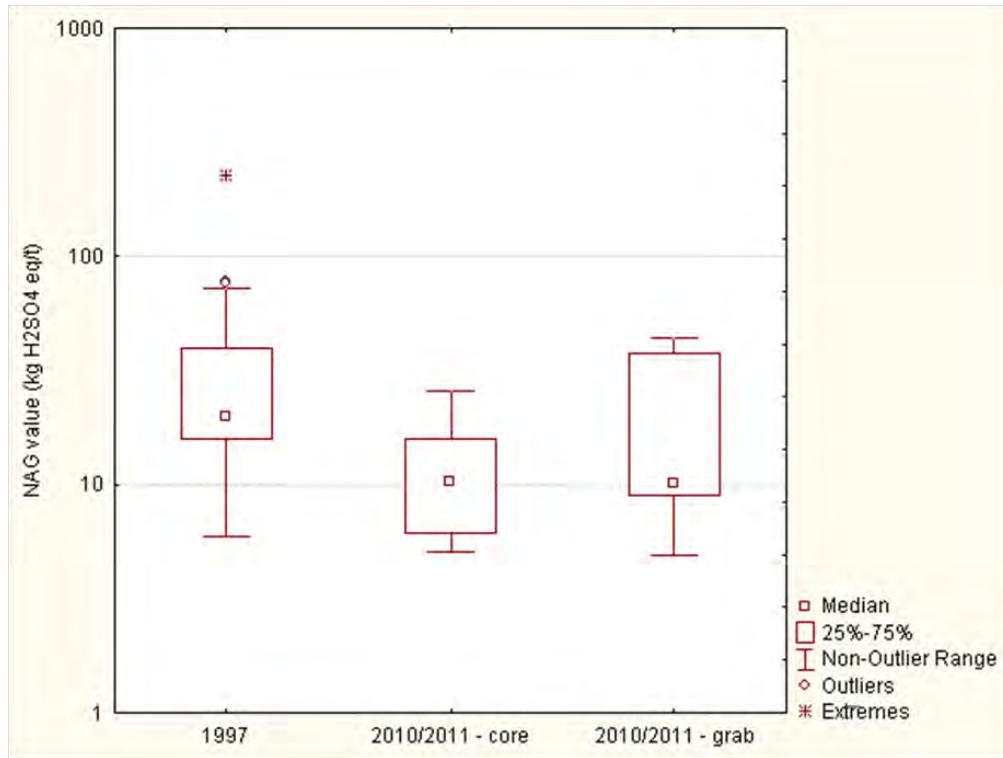


Figure 6-7: Box and Whisker Plot of NAG value for Samples with NAG pH <4

7 Predicted Geochemical Behavior

7.1 Acid Generation

The acid generating potential of the Copper Flat materials is largely dependent on the sulfide mineral content, with sulfide concentrations varying from less than analytical detection limits in the andesite material to a maximum of 2.52 wt% in the biotite breccia material. The ABA and NAG testwork results indicate that the biotite breccia material is likely to be potentially acid forming based on generally higher sulfide mineral contents and a higher number of ore grade samples. Limited acid generation potential is predicted for the coarse crystalline porphyry from the NAG data and the ABA results for this material are not inconclusive. Therefore, kinetic testing is required to determine the long-term geochemical behavior of this material type. In contrast, the dolerite, laterite and andesite are likely to be non-acid forming materials. Based on the results of one sample of dolerite, the potential exists for secondary mineralization in the dolerite dike material. The acid generating potential of the quartz monzonite and quartz feldspar breccia material types was found to be more variable, which is related to the varying sulfide mineral content of this material.

Sulfides in the Copper Flat material is often encapsulated in quartz matrix or rarely in potassium feldspar. Both of these minerals have slow weathering characteristics and potentially are unlikely to weather except on geological time scales. Consequently a portion of the sulfide in the materials is likely not to react and thus ABA methodologies with quantitative analysis will likely over estimate reactive acidity by comparison to NAG or HCT methods that require physical exposure of the sulfides to chemically react with oxygen, water or hydrogen peroxide in the case of NAG tests. Also the sulfides are crystalline and often coarse so would have slow reaction kinetics.

It is likely that the Copper Flat materials will also offer some silicate buffering (neutralizing) capacity; although this is unlikely to be high magnitude, it may initially modify/buffer pH if present. However the static and kinetic results from the historic waste rock samples suggest that as the Copper Flat waste rock material weathers and neutralizing minerals are consumed, the potential for acid generation and metal mobility will increase. However, this potential is not reflected in the results of HCT program, for which all but two of the cells are non-acid forming related most likely to encapsulation issues.

7.2 Metal Leaching

The Copper Flat materials were found to be enriched in copper, sulfur and selenium, which relates to the primary mineralization (predominantly chalcopyrite - CuFeS₂). Silver, arsenic, cadmium, molybdenum, lead, thallium, uranium, tungsten and zinc were also found to be enriched in one or more material type, with the greatest levels of enrichment occurring in the biotite breccia, quartz feldspar breccia and quartz monzonite materials. Many of these elements are typically associated with copper porphyry deposits, which explain their enrichment in the Copper Flat materials. The dolerite, andesite and latite material types typically showed much lower levels of elemental enrichment, which is likely to relate to the lack of primary mineralization in these lithological units.

MWMP tests were conducted on a total of 50 waste rock and tailings samples to provide an indication of elemental mobility and metal(lloid) release from the Copper Flat materials during meteoric rinsing. Metal mobility and release was also assessed from the results of the ongoing HCT program. In general, metal leaching from the Copper Flat materials was found to be low and the majority of leachates generated during the MWMP and HCT test programs could be classed as near-

neutral, low-metal waters. However, several of the grab samples collected from historic waste rock dumps produced acidic leachates and showed the potential for higher metal release. The higher release of acidity and metals from these samples is likely to represent the flushing of soluble acidic sulfate weathering salts from the material surface.

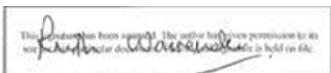
8 Conclusions and Recommendations

Acid generation is not predicted for most unweathered materials to occur in the short term, however, grab samples collected from the surface of the waste rock dumps and pit walls indicate there could be a problem for materials that have been exposed to natural weathering conditions for a long period of time. During operations, specific controls will be needed to collect storm water runoff from sulfide bearing dumps, in particular those dumps hosting historic sulfide bearing waste and lean ore. In addition storm water diversions will be required to prevent runoff. During closure these dumps will require covering to mitigate water infiltration and oxidation of the waste rock material.

The HCT program for the Copper Flat project is currently ongoing and the remaining six cells will be terminated once release rates stabilize. Following completion of the HCT program, the results will be utilized in quantitative numerical predictions to assess whether waste rock and tailings from the Copper Flat project have the potential to cause an environmental impact or degrade groundwater. These calculations will predict in quantitative terms the possible concentrations of solutes emanating from the waste rock dumps and tailings storage facility and determine their potential concentrations upon mixing with groundwater. Similar numerical predictions will also be completed to assess water quality in the pit lake that will form in the mined final pit lake. These numerical predictions will be undertaken to confirm that the proposed mining activities for the Copper Flat project will not result in an environmental impact.

Following completion of the humidity cell program and numerical predictions a comprehensive geochemistry report will be submitted, which will detail the findings of the geochemical characterization program along with the results of the numerical predictions and any recommendations for waste rock management.

Prepared by

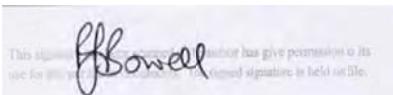


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Appendix A

Static Test Results

Multi-Element Analysis Results

McClelland Laboratories Reports

Table . - ICP Metals Analysis Results,
Copper Flat Project Samples

Analysis, mg/kg	SRK 0854	SRK 0855	SRK 0856	SRK 0857	SRK 0858	SRK 0859	SRK 0860	SRK 0861	SRK 0862	SRK 0864	SRK 0865
Ag	6.46	0.49	0.16	1.48	0.40	0.09	0.16	2.72	0.28	0.56	0.19
Al	78,300	74,000	71,900	64,300	75,900	72,100	70,500	71,700	76,500	77,200	73,300
As	<0.2	1.2	0.6	2.0	0.4	0.5	0.7	0.8	<0.2	1.1	0.9
Ba	1,130	690	590	790	650	550	500	790	580	730	720
Be	2.88	4.13	3.63	2.15	3.82	3.19	3.26	3.80	1.55	2.27	2.28
Bi	2.05	0.67	1.34	0.60	1.30	0.48	0.72	0.86	<0.01	0.17	0.14
Ca	5,000	4,300	3,000	11,200	4,300	1,100	2,200	3,500	69,400	39,900	29,900
Cd	0.27	0.15	0.03	2.06	0.04	0.02	0.09	0.33	0.50	2.04	0.09
Ce	121.5	67.7	45.6	55.9	48.0	34.9	49.7	89.8	52.4	56.5	69.8
Co	5.3	4.7	7.0	5.8	5.2	6.7	31.2	7.3	39.1	23.0	9.7
Cr	51	52	103	103	86	115	54	72	79	63	116
Cs	5.88	6.07	6.01	8.37	7.55	5.11	4.96	6.00	2.21	6.50	6.28
Cu	>10,000	354	115.0	2,420	495	74.5	214	6,190	127.0	520	94.6
Fe	19,400	15,800	22,400	20,500	21,700	20,600	35,400	18,900	72,700	56,800	44,600
Ga	22.2	20.5	19.95	16.00	21.4	17.05	16.55	20.5	17.10	20.8	20.8
Ge	0.34	0.11	0.10	0.12	0.10	0.07	0.11	0.11	0.17	0.16	0.13
Hf	1.5	2.3	1.6	1.3	1.3	1.3	1.3	1.4	3.6	3.4	3.2
Hg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.245	0.018	0.007	0.080	0.043	0.006	0.007	0.132	0.067	0.099	0.152
K	42,100	39,300	39,100	41,500	45,200	42,900	37,600	44,400	10,900	24,600	21,200
La	80.6	34.1	22.4	30.4	24.2	16.9	24.0	54.8	26.2	26.1	32.7
Li	17.4	16.9	11.8	21.5	13.0	9.2	11.0	17.2	13.5	13.3	12.2
Mg	2,400	2,700	2,100	5,500	1,800	1,800	2,200	2,800	24,000	16,300	10,100
Mn	71	67	28	305	80	18	24	113	1,340	1,110	407
Mo	594	40.2	11.10	43.8	9.27	8.21	13.20	177.0	6.08	2.54	7.78
Na	17,400	21,000	20,200	14,500	22,500	18,100	18,000	20,300	18,800	21,900	27,700
Nb	8.0	5.3	6.8	6.8	12.4	7.2	4.1	12.4	39.0	8.5	10.1
Ni	3.2	3.9	1.9	30.7	1.4	1.8	1.3	2.7	78.2	21.3	4.4
P	580	390	150	460	440	170	200	460	2,370	2,140	1,540
Pb	74.9	15.2	13.5	68.4	14.1	8.5	8.5	15.5	2.7	10.4	8.5
Rb	215	223	238	250	253	227	206	221	30.4	105.5	145.0
Re	1.010	0.146	0.040	0.100	0.008	0.010	0.018	0.150	0.009	0.006	0.004
S	9,800	10,500	20,700	7,000	7,900	18,300	33,400	4,800	400	100	100
Sb	0.27	0.16	0.19	0.21	0.17	0.12	0.13	0.29	0.22	0.36	0.47
Sc	3.7	3.8	3.1	5.5	4.1	2.6	2.8	3.7	15.1	19.2	12.7
Se	9	4	3	2	2	3	5	4	2	2	2
Sn	9.0	3.8	3.2	3.0	4.4	2.3	2.8	4.5	1.3	2.3	2.3
Sr	434	354	315	340	456	282	280	357	773	748	614
Ta	0.59	0.38	0.48	0.47	0.84	0.52	0.29	0.89	2.18	0.53	0.57
Te	0.67	0.13	0.34	0.16	0.21	0.15	0.37	0.40	<0.05	0.06	0.05
Th	17.8	18.5	9.0	12.5	18.0	13.1	13.5	24.4	2.5	6.4	7.4
Ti	1,260	820	930	1,370	1,880	940	640	1,540	10,350	5,660	4,260
Tl	1.83	1.59	1.57	1.70	1.50	1.40	1.33	1.36	0.07	1.00	1.12
U	3.8	5.2	2.4	4.2	5.2	2.5	3.5	6.6	1.0	2.8	2.1
V	32	28	24	37	35	21	21	27	129	156	94
W	7.3	4.6	7.6	8.4	8.2	7.0	5.3	4.9	0.4	1.3	1.4
Y	17.8	12.2	9.2	12.8	17.4	9.6	9.2	21.3	23.2	33.4	33.8
Zn	58	27	13	313	17	9	15	57	98	117	19
Zr	39.4	69.0	38.9	38.9	25.6	31.5	33.0	35.8	155.0	122.5	99.7

Chemex Report #RE10080824

Table . - ICP Metals Analysis Results,
Copper Flat Project Samples

Analysis, mg/kg	SRK 0866	SRK 0867	SRK 0868	SRK 0869	SRK 0870	SRK 0871	SRK 0872	SRK 0873	SRK 0874	SRK 0875	SRK 0876
Ag	0.15	1.50	3.58	4.47	0.11	8.12	0.60	0.88	0.18	1.13	1.38
Al	79,300	71,000	87,000	83,700	89,300	75,500	80,100	80,400	91,100	80,500	79,400
As	0.4	1.1	1.9	1.7	0.6	1.0	1.1	1.1	1.2	5.5	4.6
Ba	700	760	860	810	430	690	920	740	680	770	780
Be	2.23	4.12	3.85	3.57	4.23	3.92	3.22	4.44	2.35	3.95	3.62
Bi	1.69	1.21	1.10	1.08	0.07	2.23	1.69	0.77	0.34	1.59	1.70
Ca	38,600	5,800	8,800	12,200	47,700	3,500	5,700	15,300	50,200	18,600	14,200
Cd	0.05	0.28	0.90	1.45	4.00	6.51	0.14	0.23	0.06	0.38	0.44
Ce	59.3	65.1	70.2	72.1	73.1	88.6	73.7	78.6	46.4	84.5	83.1
Co	15.8	9.1	6.3	10.7	53.8	16.9	7.7	8.5	23.6	14.1	14.4
Cr	59	74	57	47	158	37	101	59	31	44	48
Cs	5.15	6.70	9.14	8.68	10.85	6.11	7.33	7.77	7.82	8.89	8.88
Cu	147.5	3.50	2,750	4,400	3,200	>10,000	910	2,000	107.5	964	1,385
Fe	55,900	19,800	33,100	25,400	47,700	16,600	22,500	19,700	68,300	29,800	30,900
Ga	21.6	21.2	23.4	22.0	21.1	19.85	19.15	20.9	21.5	20.6	20.5
Ge	0.14	0.09	0.14	0.15	0.21	0.18	0.14	0.15	0.19	0.17	0.17
Hf	1.4	1.7	1.4	1.3	5.4	1.2	1.7	2.5	2.7	2.0	1.7
Hg	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.090	0.069	0.127	0.164	0.062	0.186	0.024	0.047	0.124	0.053	0.062
K	21,700	40,400	44,300	47,500	11,300	46,400	44,100	45,400	27,800	48,600	50,300
La	27.1	35.2	34.4	34.1	30.4	46.0	38.0	38.4	21.7	44.9	44.9
Li	8.2	14.3	16.0	17.5	8.6	10.2	11.4	15.9	10.8	17.8	16.7
Mg	12,900	2,600	5,000	4,400	13,500	1,900	2,500	3,000	21,100	4,800	4,500
Mn	747	157	199	635	1,420	483	108	165	1,180	444	351
Mo	3.50	99.6	5.12	12.65	2.66	43.4	21.9	40.7	7.70	44.4	43.1
Na	24,600	20,800	26,100	23,100	21,500	17,900	19,100	23,200	27,200	18,500	17,500
Nb	7.8	10.4	12.2	10.6	8.2	12.4	7.6	8.0	6.5	11.1	10.6
Ni	7.2	8.1	4.6	3.7	49.4	5.4	2.4	4.9	11.8	5.9	6.4
P	2,300	450	990	900	1,100	540	400	550	3,120	790	710
Pb	6.8	16.3	50.8	144.5	9.5	30.8	37.9	21.5	8.9	28.6	29.2
Rb	111.5	229	258	282	92.7	221	227	243	191.5	280	292
Re	0.002	0.088	0.011	0.008	0.046	0.006	0.034	0.153	0.006	0.052	0.071
S	3,100	9,700	3,600	11,900	2,300	300	18,300	17,900	400	12,700	13,500
Sb	0.19	0.21	0.29	0.44	0.13	0.32	0.27	0.21	0.57	0.38	0.36
Sc	15.9	4.0	7.2	6.8	23.2	4.1	4.1	4.7	26.3	6.4	6.1
Se	2	3	3	4	3	6	4	4	2	3	4
Sn	3.6	4.0	6.2	4.9	1.3	5.4	3.5	3.6	2.6	4.0	3.9
Sr	672	394	636	529	760	302	352	378	841	417	396
Ta	0.44	0.76	0.84	0.71	0.59	1.00	0.57	0.60	0.39	0.80	0.75
Te	0.82	0.50	0.44	0.46	<0.05	1.04	0.23	0.16	0.06	0.44	0.44
Th	5.0	19.9	18.3	19.0	6.9	30.8	18.4	26.2	6.6	25.4	25.4
Ti	4,990	1,390	2,710	2,270	7,340	1,530	1,180	1,220	6,500	1,930	1,830
Tl	0.98	1.55	2.23	2.18	0.54	1.64	2.04	1.91	2.12	2.15	1.95
U	1.4	5.6	3.8	4.3	8.7	6.8	4.1	7.3	1.9	7.4	7.6
V	131	30	62	57	145	26	30	29	206	49	49
W	4.2	7.8	9.5	13.4	1.6	6.9	10.5	6.4	1.9	10.1	9.2
Y	31.2	19.6	29.4	25.5	76.6	33.0	13.4	17.7	27.1	24.7	23.1
Zn	40	36	103	175	328	386	26	29	65	69	69
Zr	44.1	44.9	22.7	22.6	178.5	28.0	38.3	63.7	80.8	52.3	45.0

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Table . - ICP Metals Analysis Results,
Copper Flat Project Samples

Analysis, mg/kg	SRK 0877	SRK 0878	604552	604562	604568	604569	604571	604601	604606	604638	604639
Ag	0.13	0.09	1.53	6.73	1.19	1.22	1.24	1.66	1.59	4.21	1.90
Al	60,700	37,400	91,000	83,800	85,400	83,100	85,200	78,900	78,400	77,300	78,900
As	5	7	0.8	1.4	0.9	1.1	0.7	0.8	0.9	3.6	2.3
Ba	630	350	820	770	760	630	760	690	610	740	760
Be	1.63	1.01	4.01	3.67	4.60	4.80	4.77	3.98	5.08	4.44	3.57
Bi	0.39	0.17	4.07	3.48	0.59	0.66	0.75	0.47	0.69	1.43	1.65
Ca	140,500	196,500	12,300	17,100	13,700	10,800	12,700	9,700	13,100	20,600	34,200
Cd	0.12	0.08	4.97	6.07	0.14	0.19	0.16	0.13	0.12	1.06	0.28
Ce	46.0	31.8	75.7	73.7	89.5	87.2	85.6	72.5	82.9	71.6	66.0
Co	12.8	6.1	8.0	14.3	9.6	9.9	7.9	7.7	7.3	12.2	11.8
Cr	29	11	70	65	84	92	52	71	71	56	31
Cs	5.01	6.40	8.85	9.46	9.40	9.02	8.84	6.73	8.63	17.05	12.30
Cu	79.2	26.8	1,230	6,150	2,030	1,550	1,650	2,900	1,820	4,810	2,500
Fe	33,400	14,600	33,600	30,100	28,200	28,800	30,100	15,600	19,300	26,700	32,600
Ga	14.45	8.54	23.2	22.6	22.7	22.6	23.0	20.2	21.9	21.2	21.6
Ge	0.13	0.09	0.19	0.18	0.19	0.19	0.18	0.15	0.16	0.18	0.16
Hf	3.0	2.1	1.1	1.2	1.5	1.5	1.3	1.8	1.7	1.4	1.2
Hg	0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.01	<0.01
In	0.052	0.028	0.105	0.205	0.076	0.066	0.075	0.064	0.055	0.115	0.106
K	20,700	10,700	50,400	48,700	51,600	49,900	49,100	51,500	51,000	47,500	48,900
La	23.6	16.4	36.9	35.7	45.1	43.9	43.0	37.0	41.9	33.8	30.2
Li	16.3	16.3	15.3	19.6	17.0	15.5	16.1	12.2	13.2	24.2	17.3
Mg	10,100	11,300	4,800	5,800	4,500	4,300	4,500	3,400	3,100	4,000	5,500
Mn	619	301	316	654	314	374	277	142	180	672	920
Mo	1.51	0.65	7.50	24.1	39.6	8.77	10.15	45.9	13.85	210	9.12
Na	12,500	3,400	26,500	17,000	26,800	25,400	27,600	23,400	23,100	12,900	8,600
Nb	10.3	6.3	13.6	11.1	15.3	15.5	15.0	11.1	16.6	13.4	12.4
Ni	13.7	5.7	2.4	2.5	2.6	2.6	4.1	5.4	4.9	5.3	3.1
P	1,220	640	900	920	730	680	700	510	490	690	900
Pb	15.0	9.6	265	400	19.6	25.1	21.0	14.4	19.1	47.5	20.7
Rb	93.5	53.2	274	258	286	292	285	259	291	249	248
Re	0.002	<0.002	0.036	0.067	0.047	0.023	0.022	0.041	0.009	0.081	0.044
S	400	400	6,400	19,300	13,000	14,500	12,800	10,800	10,000	14,400	11,600
Sb	0.40	0.41	0.50	0.88	0.22	0.26	0.23	0.37	0.26	1.11	1.10
Sc	9.3	4.8	7.4	7.5	6.3	6.1	6.1	4.5	4.4	6.0	7.5
Se	2	1	3	5	3	3	3	4	3	4	3
Sn	1.5	0.9	4.8	6.2	5.1	4.8	4.7	3.8	4.8	4.8	4.5
Sr	634	640	694	499	548	498	559	357	429	365	506
Ta	0.63	0.43	0.86	0.76	1.08	1.08	1.06	0.83	1.27	0.94	0.80
Te	0.09	<0.05	2.30	0.85	0.16	0.20	0.20	0.17	0.22	0.62	0.55
Th	7.3	5.7	18.6	21.9	26.3	25.5	26.3	27.6	30.8	21.1	15.6
Ti	3,570	1,710	2,790	2,350	2,260	2,200	2,210	1,400	1,800	2,090	2,680
Tl	0.69	0.43	1.74	2.21	1.96	1.94	1.86	1.89	1.91	2.03	1.73
U	1.9	6.3	4.9	3.9	7.0	6.6	6.9	8.8	7.8	4.7	4.6
V	79	35	56	56	44	41	43	26	29	43	58
W	1.9	1.3	11.0	18.1	10.9	9.8	9.3	8.1	8.1	22.5	16.9
Y	19.8	11.3	30.1	26.1	29.8	29.3	29.2	20.2	26.8	25.4	28.3
Zn	70	36	673	761	35	35	34	24	24	154	84
Zr	93.7	66.0	20.2	19.8	27.1	25.7	22.1	42.9	35.5	26.7	20.9

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**Table . - ICP Metals Analysis Results,
Copper Flat Project Samples**

Analysis, mg/kg	604653	604656	604657	604669	604672	604673	604675	604695	604734	604755	604767
Ag	1.69	1.63	1.91	2.42	0.97	0.64	0.86	1.94	0.84	4.75	5.69
Al	87,100	81,800	85,100	83,000	81,800	82,400	82,500	75,300	84,600	85,200	77,800
As	0.8	1.1	1.6	1.5	1.0	0.7	0.8	0.3	0.4	7.2	16.5
Ba	800	800	790	510	430	450	500	690	700	660	870
Be	4.19	3.35	3.84	3.75	4.33	3.81	3.99	3.83	4.86	4.90	2.30
Bi	0.70	0.87	1.34	1.86	0.54	0.40	0.33	0.54	0.29	6.47	2.15
Ca	18,600	25,000	19,600	4,400	3,200	2,500	2,700	13,400	14,000	10,300	5,600
Cd	0.24	0.08	1.64	1.06	0.89	0.05	0.18	0.07	0.10	0.69	2.89
Ce	71.3	62.2	65.8	96.7	100.5	97.2	53.3	71.4	85.6	108.5	60.6
Co	10.6	6.9	9.3	7.9	4.7	4.0	6.8	7.8	6.3	8.8	28.1
Cr	52	45	47	85	105	95	89	82	93	101	91
Cs	8.20	7.98	9.14	9.52	8.98	6.83	6.89	6.21	8.83	11.25	7.81
Cu	2,250	2,360	2,050	3,460	1,760	1,340	1,415	2,430	1,320	2,370	6,360
Fe	32,700	22,800	30,100	17,900	9,100	8,600	7,300	12,700	26,600	25,300	37,300
Ga	23.1	21.4	22.9	22.4	21.7	21.3	21.8	20.5	22.4	22.8	20.5
Ge	0.18	0.15	0.15	0.18	0.13	0.14	0.10	0.14	0.16	0.18	0.17
Hf	1.0	1.0	1.0	2.1	2.9	3.0	2.8	1.3	1.5	1.5	1.3
Hg	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.110	0.092	0.095	0.086	0.049	0.034	0.034	0.061	0.058	0.077	0.164
K	49,300	52,300	50,600	55,700	54,700	57,900	53,500	49,300	52,600	54,300	45,300
La	34.3	29.2	30.8	50.5	53.2	52.9	28.8	35.5	42.2	59.6	32.2
Li	14.2	11.8	15.9	11.1	7.7	7.3	7.0	9.9	11.8	22.1	14.1
Mg	4,400	4,700	4,700	2,600	1,300	1,300	1,400	2,800	3,900	3,200	4,100
Mn	561	666	915	366	54	29	27	189	407	365	340
Mo	61.6	351	20.3	97.8	172.0	183.5	36.4	199.0	41.9	29.3	30.4
Na	26,200	15,300	23,500	14,600	20,300	19,300	22,200	22,400	28,400	17,200	10,700
Nb	13.9	12.9	13.6	17.9	16.4	15.9	16.2	10.6	17.3	17.0	11.8
Ni	4.3	3.3	4.0	2.5	2.4	2.1	2.1	2.5	2.8	4.0	5.2
P	790	770	850	440	190	170	240	490	680	550	610
Pb	25.1	16.4	183.5	121.0	64.9	23.4	18.2	10.8	16.6	36.5	87.0
Rb	259	254	254	323	292	285	254	280	261	320	215
Re	0.132	0.176	0.023	0.112	0.157	0.223	0.053	0.158	0.027	0.091	0.103
S	11,000	8,200	9,500	9,600	6,100	6,300	5,500	9,500	3,900	11,200	29,400
Sb	0.27	0.90	0.44	0.39	0.24	0.16	0.21	0.32	0.11	0.83	0.45
Sc	7.1	6.3	7.1	4.5	2.2	2.1	2.3	4.2	6.2	5.0	5.0
Se	3	3	3	4	2	2	2	3	2	3	8
Sn	5.2	3.7	4.4	3.7	2.4	1.8	2.1	3.2	4.1	4.2	2.3
Sr	655	509	628	289	280	265	266	356	604	391	336
Ta	0.95	0.87	0.88	1.29	1.33	1.25	1.32	0.76	1.22	1.23	1.07
Te	0.19	0.23	0.35	0.25	0.13	0.09	0.09	0.19	0.11	0.41	1.09
Th	19.1	18.0	18.2	39.5	38.4	37.7	38.5	25.9	26.5	32.3	37.5
Ti	2,530	2,410	2,600	1,680	900	800	990	1,460	2,490	1,910	1,570
Tl	1.69	1.67	1.78	1.92	2.05	1.99	1.93	1.77	1.62	2.21	2.33
U	5.0	5.1	5.9	9.6	11.7	9.2	9.4	6.6	5.7	9.1	15.8
V	48	46	51	29	12	10	13	28	45	35	57
W	7.3	10.6	10.5	12.2	9.0	7.3	8.8	14.8	7.3	27.9	13.6
Y	29.4	27.5	26.2	28.9	23.5	20.1	18.0	21.1	32.4	28.7	19.6
Zn	55	55	226	125	121	16	24	26	34	144	329
Zr	17.0	16.8	16.6	44.4	64.1	67.4	61.5	27.6	23.6	32.7	32.9

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**Table . - ICP Metals Analysis Results,
Copper Flat Project Samples**

Analysis, mg/kg	604787	604790	604804	604811	604849	604854	604862	604867	604880	604889	604898
Ag	5.06	3.55	2.56	2.55	0.67	4.15	4.50	12.15	0.54	1.75	1.60
Al	76,000	69,200	76,900	71,300	66,500	78,700	65,800	65,700	78,400	73,200	79,600
As	9.7	2.6	2.9	12.0	58.9	24.8	9.7	2.5	1.9	2.2	4.6
Ba	730	780	860	810	1,120	1,660	1,060	1,100	1,070	760	1,100
Be	3.91	3.30	3.70	2.74	2.22	1.22	1.66	1.51	3.32	3.62	2.50
Bi	1.70	1.58	1.53	1.36	0.59	1.04	1.62	33.0	0.40	1.11	0.57
Ca	11,400	12,100	13,900	14,400	20,800	9,900	12,500	8,800	17,600	17,400	23,200
Cd	1.32	0.32	0.29	1.48	0.42	2.14	0.23	1.63	0.13	0.19	<0.02
Ce	71.0	73.3	65.4	51.3	50.6	175.5	199.0	>500	49.3	74.0	63.6
Co	14.0	13.7	10.9	15.3	11.1	11.6	13.5	17.0	5.9	6.0	6.1
Cr	79	113	90	118	109	85	64	60	93	84	93
Cs	9.77	6.08	6.55	8.42	7.04	7.48	24.5	24.0	8.93	7.39	7.97
Cu	6,410	5,390	3,090	2,940	818	4,830	4,820	>10,000	729	2,060	2,020
Fe	31,400	21,700	26,900	28,400	28,700	26,700	115,500	109,500	20,700	17,700	18,300
Ga	20.6	18.10	21.0	19.60	17.55	19.45	29.7	32.9	20.3	20.7	20.4
Ge	0.17	0.15	0.17	0.15	0.14	0.12	0.65	0.53	0.08	0.15	0.59
Hf	1.5	1.2	1.0	1.0	1.0	0.8	0.7	0.8	2.1	1.8	2.3
Hg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.143	0.085	0.078	0.071	0.019	0.091	0.100	0.412	0.019	0.077	0.057
K	48,600	48,300	47,500	43,800	45,200	39,300	41,200	40,800	27,600	39,900	31,000
La	38.3	42.7	33.1	26.9	27.2	118.0	146.5	1,020	24.3	33.9	32.9
Li	30.7	17.8	15.8	20.3	24.5	8.6	45.8	39.9	32.5	18.4	21.5
Mg	4,300	2,600	4,100	4,500	4,100	3,700	17,500	17,500	5,400	3,100	4,600
Mn	271	179	226	266	356	224	703	550	248	198	201
Mo	132.5	186.5	174.5	112.0	168.0	278	664	428	55.6	53.2	632
Na	13,200	16,400	20,400	8,700	5,100	9,100	5,900	7,000	30,400	24,000	28,400
Nb	12.7	11.2	12.2	10.3	8.9	9.5	4.6	4.9	9.2	12.0	7.1
Ni	3.6	4.0	3.6	4.9	4.2	4.3	9.4	12.9	3.8	3.1	3.7
P	460	430	570	740	550	1,390	750	1,100	510	440	520
Pb	64.1	11.1	16.5	55.2	21.5	33.5	10.3	10.8	13.5	14.1	14.5
Rb	264	267	237	231	235	169.5	306	299	179.0	223	280
Re	0.151	0.108	0.181	0.126	0.219	0.352	0.724	0.236	0.031	0.054	0.177
S	15,200	16,000	16,000	18,600	14,500	17,300	14,300	28,900	5,800	10,200	10,500
Sb	0.80	0.32	0.18	0.43	1.32	0.90	0.64	0.14	0.16	0.22	0.18
Sc	5.1	3.9	5.0	5.1	2.7	2.9	19.6	5.7	4.4	4.2	7.9
Se	5	5	4	4	4	5	2	13	2	3	<1
Sn	2.7	2.3	2.9	2.8	2.0	2.3	3.7	5.6	3.7	3.6	3.5
Sr	317	272	514	268	260	381	266	298	715	468	613
Ta	0.96	0.90	0.82	0.76	0.66	0.66	0.26	0.27	0.60	0.85	0.48
Te	0.51	0.67	0.60	0.56	0.15	0.33	0.23	4.32	0.07	0.33	<0.05
Th	29.8	28.4	23.0	27.0	23.0	11.2	32.5	83.7	11.1	21.9	15.1
Ti	1,670	1,440	1,860	1,680	1,400	1,410	1,720	1,860	1,650	1,490	1,350
Tl	1.88	1.58	1.75	1.93	1.90	2.17	2.21	2.69	1.02	1.35	1.09
U	10.0	11.1	6.6	6.1	9.1	3.6	4.3	3.5	3.6	6.8	5.8
V	38	32	38	46	38	40	155	129	32	29	32
W	9.5	9.9	5.6	15.4	10.3	12.8	5.6	6.8	12.5	9.2	9.6
Y	21.1	15.0	24.7	18.9	18.2	18.7	9.6	13.2	17.7	22.1	20.8
Zn	163	53	59	192	60	236	110	202	31	41	42
Zr	35.2	28.6	22.8	24.6	21.0	21.1	17.9	27.3	63.0	53.0	46.7

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**Table . - ICP Metals Analysis Results,
Copper Flat Project Samples**

Analysis, mg/kg	605001	605013	605033	605039	605078	605109	605143	605152	605153	605154	605175
Ag	3.63	4.54	2.34	0.99	2.95	1.12	1.12	0.82	0.62	0.64	0.51
Al	76,700	64,600	76,300	71,000	61,700	72,200	77,500	79,600	80,200	82,400	66,500
As	38.5	8.7	5.3	4.4	1.4	0.7	1.1	1.5	1.6	1.2	1.6
Ba	1,200	880	990	800	640	880	760	890	1,440	1,160	350
Be	1.50	1.75	2.31	2.73	1.77	2.69	3.07	2.91	3.07	2.69	4.37
Bi	1.25	3.17	2.86	0.46	1.51	0.52	0.33	0.79	0.32	0.29	0.28
Ca	3,600	13,500	14,800	12,800	14,900	14,700	12,700	21,300	21,900	20,100	17,000
Cd	1.80	1.69	1.04	0.31	8.05	0.06	0.59	2.61	1.26	0.07	2.17
Ce	62.7	56.0	43.3	46.2	24.0	54.4	72.0	48.5	48.1	43.6	38.0
Co	13.2	12.6	7.5	11.3	9.2	6.9	6.7	5.2	5.4	5.8	4.3
Cr	66	78	58	72	87	77	72	45	58	56	63
Cs	15.90	7.58	11.00	13.85	6.70	9.81	10.40	12.40	14.50	11.95	9.92
Cu	2,810	3,940	2,030	1,370	2,810	1,555	1,610	751	642	1,175	657
Fe	75,600	47,500	46,600	52,800	24,000	21,800	21,400	22,200	23,300	21,300	9,900
Ga	27.2	19.25	23.2	23.2	16.35	19.80	19.70	19.75	20.2	19.85	18.05
Ge	0.15	0.11	0.09	0.09	0.08	0.09	0.10	0.11	0.11	0.11	0.09
Hf	1.2	1.1	1.6	1.5	1.1	1.2	1.3	1.6	1.7	1.3	1.0
Hg	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.01	0.01	<0.01	0.03
In	0.072	0.145	0.066	0.025	0.158	0.030	0.035	0.116	0.037	0.027	0.038
K	40,700	42,200	46,000	45,300	38,800	40,700	41,500	34,100	35,300	34,800	21,200
La	29.2	28.8	21.5	22.9	12.5	25.0	33.6	21.5	19.9	20.1	15.0
Li	23.6	18.0	28.6	29.9	9.8	17.6	18.2	24.0	25.8	21.8	12.0
Mg	9,900	5,300	8,100	10,800	2,300	4,600	3,900	4,800	4,800	4,500	2,700
Mn	923	518	466	503	761	581	558	729	896	572	529
Mo	38.0	198.0	63.8	36.8	103.0	37.9	17.85	18.75	25.7	16.15	23.4
Na	9,700	9,700	18,900	16,400	11,900	18,400	22,300	25,800	26,800	27,800	28,400
Nb	9.7	9.6	8.6	12.1	7.3	10.8	11.9	8.9	8.7	6.2	7.0
Ni	8.6	8.0	6.3	7.2	6.1	6.4	5.4	4.9	5.8	5.5	4.9
P	490	300	480	670	330	740	490	560	560	570	470
Pb	79.1	52.0	45.5	12.1	153.5	13.1	39.2	45.5	29.8	13.2	37.6
Rb	221	191.0	240	260	172.5	202	197.0	220	216	213	129.0
Re	0.086	0.228	0.071	0.045	0.081	0.035	0.027	0.014	0.022	0.014	0.017
S	23,400	26,300	12,100	14,200	18,000	7,800	8,200	5,000	5,500	5,000	4,700
Sb	6.92	0.36	0.45	0.31	0.45	0.47	0.33	0.35	0.38	0.29	0.60
Sc	9.2	6.6	6.5	7.5	3.0	4.2	4.2	5.1	4.9	4.3	2.9
Se	4	4	2	2	3	2	2	1	1	1	1
Sn	2.2	2.5	3.0	2.7	1.9	2.7	2.8	2.7	2.8	2.3	1.6
Sr	293	240	437	319	193.5	355	388	507	612	568	315
Ta	0.67	0.66	0.55	0.78	0.52	0.73	0.86	0.57	0.57	0.41	0.46
Te	0.32	1.60	1.37	0.18	0.42	0.10	0.11	0.09	0.05	0.06	<0.05
Th	36.2	24.4	15.6	25.8	14.5	21.2	23.0	11.6	11.6	11.3	12.7
Ti	1,790	1,460	1,830	1,960	1,130	1,580	1,540	1,620	1,550	1,100	1,130
Tl	2.40	1.55	1.58	1.69	1.36	1.51	1.41	1.22	1.23	1.13	0.74
U	9.0	6.1	5.2	6.9	3.9	5.6	5.8	3.7	3.8	3.2	3.1
V	136	78	99	88	33	37	33	36	35	34	23
W	3.4	13.3	6.2	4.1	14.0	8.0	7.6	6.6	6.4	3.9	8.4
Y	15.7	16.5	17.3	20.0	12.9	20.5	21.5	18.5	19.1	17.7	14.4
Zn	250	198	130	61	1,000	37	99	325	191	43	302
Zr	33.7	32.2	49.7	45.7	32.2	32.7	34.2	53.9	53.7	41.7	30.5

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**Table . - ICP Metals Analysis Results,
Copper Flat Project Samples**

Analysis, mg/kg	605182	605184	605193	605200	605209	605218	605234	605518
Ag	0.38	8.62	1.58	1.83	3.46	4.88	1.71	1.27
Al	63,500	71,300	69,800	64,900	73,700	67,400	63,100	81,700
As	1.0	16.6	8.7	3.1	61.9	17.4	24.3	1.3
Ba	510	910	780	880	730	960	760	710
Be	3.54	1.74	2.53	1.86	2.87	2.46	2.02	4.47
Bi	1.31	1.74	0.67	1.36	0.55	2.07	0.91	0.34
Ca	16,700	4,300	10,700	7,600	12,400	5,700	9,900	13,000
Cd	0.02	6.81	0.85	0.39	1.26	1.75	0.46	0.10
Ce	34.8	35.3	57.8	36.9	55.3	47.9	39.8	89.1
Co	3.8	21.1	7.1	16.7	9.5	7.6	17.9	6.3
Cr	69	48	69	133	95	121	121	94
Cs	6.93	13.35	8.37	9.66	7.20	7.54	8.70	10.05
Cu	648	8,280	1,335	3,500	1,940	1,510	1,810	1,905
Fe	8,300	71,200	37,400	51,300	34,400	36,900	41,100	24,200
Ga	17.50	25.7	20.6	20.8	21.1	19.85	18.40	22.5
Ge	0.08	0.14	0.10	0.10	0.11	0.11	0.11	0.15
Hf	1.1	1.0	1.3	1.1	1.8	1.1	0.9	1.2
Hg	<0.01	<0.1	<0.01	<0.01	<0.01	<0.1	<0.1	<0.01
In	0.012	0.183	0.040	0.054	0.054	0.037	0.033	0.080
K	27,600	40,000	41,200	41,600	40,900	42,200	44,300	43,900
La	13.3	17.9	29.7	19.9	26.8	23.1	19.5	44.2
Li	11.1	20.3	14.2	23.2	20.2	26.2	38.6	12.0
Mg	2,500	8,800	4,700	8,300	4,500	4,800	6,100	4,100
Mn	221	1,660	439	361	584	479	442	333
Mo	68.2	204	26.4	55.6	21.6	21.6	80.3	41.2
Na	28,400	6,600	14,300	10,100	16,700	13,900	9,100	25,200
Nb	7.7	8.2	14.5	10.0	14.1	11.2	8.7	15.6
Ni	5.1	8.2	5.7	10.7	3.7	4.2	4.3	2.6
P	480	630	400	410	440	410	430	660
Pb	9.6	155.5	39.5	11.6	134.5	548	18.9	16.1
Rb	142.0	184.5	198.0	221	205	237	236	220
Re	0.051	0.315	0.036	0.085	0.028	0.075	0.104	0.024
S	3,900	28,300	13,500	24,300	10,800	14,200	18,700	6,200
Sb	0.23	0.82	0.64	0.39	1.13	1.83	0.62	0.12
Sc	2.8	9.7	5.0	7.3	4.8	5.0	4.7	5.7
Se	1	4	2	4	2	2	3	2
Sn	2.1	2.3	3.1	2.5	3.2	2.8	1.8	4.2
Sr	377	249	317	253	345	277	229	528
Ta	0.46	0.61	1.06	0.66	0.98	0.78	0.63	1.06
Te	<0.05	1.86	0.34	0.41	0.16	1.10	0.43	0.15
Th	10.9	33.0	27.4	28.3	21.1	19.2	22.2	21.6
Ti	1,260	1,760	1,660	1,600	1,710	1,670	1,420	2,100
Tl	0.74	1.91	1.68	1.59	1.60	1.64	1.33	1.65
U	2.8	7.1	7.7	8.7	9.2	5.9	6.4	5.6
V	20	150	55	79	50	55	56	39
W	8.8	5.6	5.7	5.2	6.6	7.3	8.1	12.7
Y	13.9	16.0	21.5	16.2	22.1	18.2	17.3	27.6
Zn	18	673	108	70	165	225	74	33
Zr	32.1	30.0	36.0	34.2	49.2	30.5	26.0	22.2

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Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-01-B 15-43	CF-11-01-B 189-225	CF-11-01-B 268.8-292	CF-11-01-B 465-480	CF-11-01-B 575-610	CF-11-01-B 1005-1025	CF-11-02 0-27	CF-11-02 147-181
Ag	3.87	2.94	4.84	3.72	3.92	0.60	1.59	0.50
Al	77,200	67,600	67,600	78,200	66,900	82,000	86,500	86,600
As	7.2	6.5	24.5	1.7	9.3	1.9	1.4	2.1
Ba	910	800	470	880	870	880	780	760
Be	3.26	3.24	2.57	3.26	1.92	4.05	4.11	4.73
Bi	1.10	0.70	6.94	0.84	2.67	0.56	16.30	0.57
Ca	5,500	10,700	15,500	11,700	8,400	15,200	11,900	19,700
Cd	0.59	0.68	1.31	0.36	1.08	0.16	0.28	0.13
Ce	150.5	56.8	81.7	73.2	56.8	70.9	72.3	73.0
Co	12.7	7.2	16.4	10.1	12.3	4.2	9.7	7.9
Cr	4	2	2	3	2	3	3	2
Cs	7.96	6.71	9.35	17.90	7.66	6.74	9.38	7.74
Cu	6,420	4,300	6,720	5,110	4,440	800	1,425	484
Fe	23,900	21,000	50,100	35,100	32,400	22,800	37,200	36,400
Ga	20.9	18.90	20.9	24.4	17.80	20.2	23.8	22.1
Ge	0.16	0.12	0.18	0.16	0.16	0.18	0.22	0.23
Hf	1.3	1.2	0.9	1.0	0.8	1.5	1.3	1.3
Hg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
In	0.145	0.089	0.164	0.080	0.094	0.027	0.091	0.065
K	42,000	40,200	39,800	41,900	48,500	44,300	49,700	44,100
La	99.4	32.0	49.5	42.5	35.0	38.7	35.4	36.2
Li	14.0	16.0	19.6	38.2	17.5	14.6	15.4	10.6
Mg	2,800	3,700	5,500	9,900	5,800	4,100	4,600	6,100
Mn	241	284	356	264	256	178	230	530
Mo	57.9	74.3	264	54.7	401	57.2	3.27	3.30
Na	15,000	14,800	9,500	18,000	11,100	25,800	24,600	29,400
Nb	15.0	11.6	10.7	13.2	8.2	14.5	12.2	14.6
Ni	4.1	4.0	5.8	4.3	4.7	3.3	2.0	2.5
P	490	480	1,080	1,410	500	480	810	850
Pb	16.9	28.7	20.1	10.3	16.2	13.2	18.8	16.3
Rb	229	237	237	271	289	274	300	262
Re	0.329	0.075	0.188	0.071	0.486	0.103	0.003	0.003
S (Total)	15,500	11,600	27,400	14,400	21,000	5,000	18,100	7,800
Sb	0.75	0.48	0.43	0.29	0.35	0.16	0.21	0.12
Sc	4.3	4.4	5.2	4.8	3.2	4.1	6.5	7.3
Se	5	4	8	4	5	2	3	2
Sn	4.0	2.8	3.2	3.9	2.3	4.1	6.4	5.0
Sr	353	353	315	425	292	680	592	834
Ta	1.05	0.81	0.69	0.85	0.68	1.11	0.87	0.98
Te	0.50	0.30	2.99	0.20	0.37	0.08	7.49	0.16
Th	23.9	21.1	22.1	23.6	23.2	21.9	18.7	18.3
Ti	1,670	1,580	1,680	2,130	1,330	1,940	2,320	2,830
Tl	2.10	1.79	1.99	2.18	2.02	1.49	2.32	1.67
U	9.6	8.2	6.5	5.8	7.5	6.2	5.0	5.6
V	30	39	70	50	42	31	54	58
W	9.5	7.4	12.2	7.4	8.0	5.1	45.0	11.3
Y	23.0	17.2	20.9	26.8	14.4	25.7	24.7	29.9
Zn	88	94	157	63	134	27	38	41
Zr	37.3	31.0	21.4	23.5	19.7	39.8	22.5	24.6

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-02 367-408	CF-11-02 471-507	CF-11-02 609-625	CF-11-03 23.9-53.2	CF-11-03 243-276.5	CF-11-03 316.8-341.8	CF-11-03 497-521.7	CF-11-03 580.3-600.3
Ag	0.93	1.97	1.12	0.65	3.64	4.32	2.19	1.11
Al	84,800	84,300	83,300	78,600	67,200	72,300	65,600	77,500
As	2.0	1.2	2.4	1.4	9.3	6.2	7.5	2.7
Ba	690	660	670	910	780	770	760	790
Be	4.41	4.82	4.87	2.80	2.32	2.33	2.90	3.51
Bi	0.50	2.29	0.73	1.53	1.47	29.8	1.20	0.86
Ca	16,100	16,300	14,200	21,100	20,900	14,100	19,100	11,700
Cd	0.20	1.42	0.37	0.12	1.06	0.71	0.73	0.34
Ce	76.0	77.8	79.0	39.6	60.0	62.8	39.8	55.8
Co	8.4	9.3	7.9	5.0	29.3	12.2	9.9	4.0
Cr	2	3	3	5	6	4	3	4
Cs	6.89	9.15	10.45	6.12	11.10	10.50	8.64	6.22
Cu	1,115	1,390	1,405	1,085	5,720	8,250	2,590	1,170
Fe	33,000	32,400	23,600	21,000	37,000	30,900	23,700	20,500
Ga	22.4	21.8	20.7	19.10	17.95	19.95	16.95	19.45
Ge	0.23	0.22	0.22	0.16	0.22	0.18	0.17	0.18
Hf	1.1	1.2	1.3	1.3	1.1	1.0	1.2	1.4
Hg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
In	0.064	0.066	0.044	0.043	0.130	0.177	0.080	0.042
K	48,600	46,200	49,200	34,300	41,900	45,400	46,300	49,800
La	37.4	39.9	40.6	21.0	35.3	36.6	20.8	30.2
Li	12.5	15.7	14.2	17.0	25.2	29.2	19.7	13.2
Mg	5,000	4,600	4,000	3,800	7,500	8,300	5,100	3,500
Mn	345	280	302	192	294	229	246	206
Mo	33.4	5.20	5.89	4.69	317	159.0	148.0	44.3
Na	27,400	26,200	25,600	25,000	9,000	15,200	12,000	18,200
Nb	15.2	15.6	14.1	8.7	7.5	8.7	9.7	14.5
Ni	2.4	2.6	2.8	4.0	7.0	6.3	4.7	3.3
P	660	650	590	480	410	600	430	460
Pb	14.4	86.3	21.0	13.1	54.6	17.5	20.4	16.8
Rb	288	277	309	180.0	245	327	271	299
Re	0.008	0.003	0.006	0.004	0.840	0.364	0.180	0.050
S (Total)	10,800	12,300	12,000	7,400	26,800	17,600	12,900	5,600
Sb	0.12	0.18	0.32	0.25	0.90	0.32	0.32	0.28
Sc	6.1	5.6	4.9	3.9	5.8	5.9	4.0	4.0
Se	3	3	3	2	6	6	3	2
Sn	4.8	4.9	4.4	3.2	3.9	4.9	3.0	3.9
Sr	664	604	547	592	349	401	352	438
Ta	1.07	1.16	1.09	0.62	0.52	0.61	0.74	1.14
Te	0.16	0.39	0.12	0.52	0.46	0.99	0.32	0.16
Th	20.8	23.2	29.2	11.5	17.4	17.8	19.4	27.2
Ti	2,380	2,210	1,880	1,470	1,380	1,560	1,370	1,740
Tl	1.81	1.97	2.22	1.30	1.77	1.91	1.90	1.98
U	6.2	6.8	9.8	3.6	4.7	5.9	5.4	10.4
V	45	43	37	29	37	46	30	31
W	15.3	27.3	22.2	6.1	10.7	9.9	8.6	7.8
Y	30.0	27.7	23.9	14.6	12.7	15.0	15.2	22.6
Zn	41	183	53	25	116	90	87	49
Zr	20.6	22.3	26.4	33.0	31.6	29.5	34.5	37.9

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-03	CF-11-03	CF-11-03	CF-11-04	CF-11-04	CF-11-04	CF-11-04	CF-11-05
836.8-851.8	922-949.5	1049.5-1085.3	0-16.6	168-203	464.8-504.8	628-678	35-60	
Ag	0.60	1.19	1.50	3.48	2.32	1.45	1.24	2.10
Al	79,800	70,200	72,900	85,600	85,700	79,000	75,000	79,100
As	1.3	2.6	2.2	3.0	1.2	1.8	1.1	2.3
Ba	830	830	900	1,210	910	530	610	830
Be	4.70	2.48	2.67	2.07	3.71	4.93	3.44	4.23
Bi	0.57	0.78	0.80	3.56	1.00	0.61	0.48	0.70
Ca	17,000	16,600	10,500	5,000	14,500	11,200	17,300	10,800
Cd	0.16	2.35	0.77	0.38	0.20	0.14	0.33	0.23
Ce	61.6	62.9	45.2	225	69.9	90.0	77.9	64.0
Co	4.4	4.8	8.9	19.2	9.5	6.6	4.0	4.5
Cr	2	3	3	2	2	3	2	3
Cs	5.88	6.61	7.43	6.87	8.34	9.85	7.30	7.94
Cu	724	1,380	1,865	7,320	4,860	2,150	1,910	2,320
Fe	25,000	20,900	26,700	29,000	25,200	19,000	14,200	20,100
Ga	20.8	18.20	19.75	20.3	21.9	21.1	18.30	20.5
Ge	0.20	0.20	0.20	0.28	0.22	0.22	0.20	0.21
Hf	1.2	0.9	0.9	0.8	0.8	1.8	1.2	1.4
Hg	0.02	0.01	0.01	0.01	0.01	<0.01	<0.01	0.01
In	0.021	0.077	0.045	0.164	0.145	0.069	0.066	0.096
K	42,200	50,900	50,600	40,900	51,500	51,600	51,600	47,800
La	31.0	28.6	21.8	144.5	37.0	46.0	40.8	32.3
Li	16.6	16.3	19.5	9.9	16.6	11.8	12.6	22.9
Mg	3,600	3,500	4,900	2,000	4,900	3,200	3,400	4,900
Mn	228	332	309	271	222	256	337	252
Mo	15.70	13.20	126.5	94.3	146.5	26.5	332	62.1
Na	26,300	14,700	14,800	8,100	22,500	22,700	13,700	24,300
Nb	13.6	11.3	11.5	9.4	13.1	18.7	15.9	15.1
Ni	3.4	4.0	5.4	2.5	3.1	3.2	2.0	4.6
P	470	2,630	510	1,020	740	420	450	510
Pb	15.1	23.8	22.4	16.1	14.8	17.7	38.9	23.5
Rb	245	283	306	174.0	280	308	277	262
Re	0.020	0.031	0.152	0.022	0.129	0.022	0.178	0.066
S (Total)	6,400	6,600	9,400	400	9,800	5,800	5,300	6,500
Sb	0.14	0.32	0.25	0.46	0.24	0.21	0.26	0.26
Sc	4.0	3.5	6.9	5.3	5.9	3.9	4.1	4.2
Se	2	2	3	3	4	3	3	3
Sn	3.2	3.0	2.8	4.1	5.4	4.1	3.5	4.1
Sr	623	317	341	356	558	361	312	567
Ta	1.09	0.90	0.84	0.63	0.83	1.43	1.14	1.13
Te	0.06	0.13	0.15	1.23	0.40	0.18	0.15	0.27
Th	22.9	20.8	23.0	20.6	16.9	29.6	26.0	24.9
Ti	1,850	1,500	1,640	1,790	2,250	1,750	1,630	1,890
Tl	1.46	1.87	1.80	2.35	2.07	1.96	1.80	1.76
U	6.8	5.1	7.1	7.6	4.7	8.3	5.8	8.0
V	36	39	51	61	42	26	28	34
W	4.7	8.7	9.1	13.9	6.7	6.5	8.7	5.4
Y	24.9	25.6	18.9	23.0	27.3	27.6	22.5	25.3
Zn	29	281	99	56	36	34	48	36
Zr	30.0	21.6	21.8	16.5	16.3	49.7	31.0	36.5

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-05 760-780	CF-11-05 880-895	CF-11-06 6.4-19.4	CF-11-06 135.4-155.6	CF-11-06 418-443	CF-11-06 603-628	CF-11-06 673-693	CF-11-06 860-868
Ag	2.14	0.71	1.69	1.17	2.61	1.94	1.54	0.56
Al	81,800	80,900	86,200	83,500	76,300	82,300	81,500	80,200
As	1.5	1.3	1.3	1.4	5.1	3.7	2.9	0.9
Ba	850	820	630	650	570	710	640	1,010
Be	3.80	4.25	4.81	4.90	4.21	4.66	4.59	3.85
Bi	0.70	0.34	1.28	0.70	0.84	0.81	0.63	0.33
Ca	15,000	14,600	14,900	14,200	17,300	13,500	14,300	18,900
Cd	0.14	0.31	0.19	0.10	0.27	0.29	0.33	0.08
Ce	69.8	71.7	79.4	79.6	62.5	76.8	79.0	44.2
Co	5.6	5.7	10.3	6.4	7.1	9.5	7.0	5.2
Cr	4	3	2	4	2	2	3	4
Cs	8.85	8.49	8.76	9.12	5.72	8.46	6.94	6.86
Cu	2,870	871	2,130	2,050	2,610	2,010	1,685	700
Fe	17,000	24,000	30,000	23,100	17,400	28,300	23,000	19,500
Ga	19.50	20.2	21.5	21.0	19.75	20.9	21.0	17.80
Ge	0.22	0.22	0.25	0.26	0.22	0.25	0.23	0.19
Hf	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3
Hg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.101	0.037	0.083	0.065	0.079	0.073	0.055	0.022
K	44,200	39,400	47,800	49,100	38,000	45,900	45,400	37,100
La	36.7	36.8	42.1	42.1	30.9	40.0	40.8	23.1
Li	25.9	26.1	18.4	14.3	12.7	23.8	21.3	22.1
Mg	4,600	5,400	4,700	3,500	2,300	3,700	3,900	4,500
Mn	163	237	224	233	154	188	198	192
Mo	65.9	32.2	8.35	13.05	30.6	11.95	43.7	14.65
Na	24,800	29,100	26,100	23,600	23,200	23,200	23,500	25,600
Nb	13.4	14.3	15.6	14.9	13.5	15.3	14.7	10.3
Ni	3.7	3.1	2.9	3.2	3.1	3.2	2.9	3.3
P	520	540	660	500	480	480	490	470
Pb	14.7	13.0	30.3	16.4	14.6	16.2	15.4	10.0
Rb	265	224	289	305	249	289	290	228
Re	0.077	0.034	0.029	0.019	0.050	0.009	0.015	0.018
S (Total)	7,800	5,800	12,200	12,300	10,400	13,500	9,600	4,800
Sb	0.15	0.13	0.17	0.28	0.29	0.23	0.20	0.13
Sc	4.5	4.5	5.7	4.5	4.0	4.1	4.3	4.3
Se	3	2	3	3	4	4	3	2
Sn	4.2	4.5	5.4	4.3	3.6	4.0	3.6	3.4
Sr	532	791	544	425	316	510	503	595
Ta	0.95	1.05	1.18	1.16	0.96	1.09	1.12	0.76
Te	0.18	0.11	0.30	0.18	0.39	0.24	0.16	0.07
Th	23.0	21.8	27.3	29.3	23.8	26.5	26.2	15.5
Ti	1,820	1,980	2,170	1,700	1,620	1,890	1,840	1,650
Tl	1.58	1.38	2.09	2.00	1.68	1.87	1.99	1.38
U	5.5	5.6	8.5	10.0	5.9	6.8	6.7	4.7
V	30	34	41	29	27	32	33	29
W	8.6	7.8	12.2	11.0	9.0	8.5	8.4	11.3
Y	25.1	25.6	28.7	22.4	21.3	24.7	24.8	19.8
Zn	34	29	33	20	36	41	44	27
Zr	38.0	39.7	27.6	33.1	38.5	28.6	28.8	37.6

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-06 872.5-898	CF-11-07 312-346.6	CF-11-07 521.7-543	CF-11-07 966.8-996.8	CF-11-08 844.2-879.2	CF-11-08 1139.5-1179.5	CF-11-08 365-405	CF-11-09 313-333
Ag	0.75	0.88	0.93	1.17	0.84	0.37	1.23	1.48
Al	81,100	78,500	85,600	83,800	73,600	70,000	82,500	69,800
As	1.3	2.1	1.1	0.9	1.0	0.9	1.2	8.4
Ba	810	1,160	800	780	760	530	840	760
Be	4.28	2.49	4.01	3.47	3.30	3.24	3.83	2.47
Bi	0.45	0.67	0.73	0.57	0.52	0.64	0.78	0.55
Ca	17,100	15,600	17,200	17,500	12,300	16,200	14,200	10,100
Cd	0.15	0.22	0.65	0.10	0.13	0.42	0.11	1.98
Ce	73.7	32.4	73.4	67.5	58.7	32.9	71.9	38.6
Co	6.8	5.8	9.6	11.0	7.0	3.6	7.1	10.9
Cr	3	5	2	2	3	4	2	3
Cs	4.89	5.88	7.33	7.70	6.81	4.84	8.12	6.01
Cu	819	1,545	1,400	1,785	1,245	334	1,600	1,690
Fe	24,100	15,800	35,900	35,700	25,800	8,100	19,800	48,700
Ga	20.3	17.20	22.4	21.4	18.55	15.85	19.60	19.95
Ge	0.24	0.18	0.26	0.27	0.25	0.18	0.26	0.25
Hf	1.6	1.2	1.0	1.1	1.0	0.8	1.4	1.1
Hg	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.033	0.055	0.135	0.088	0.033	0.012	0.051	0.026
K	41,200	45,600	43,500	46,000	44,100	33,200	47,400	46,200
La	39.8	18.2	37.4	33.2	27.1	13.3	37.3	21.6
Li	12.9	14.6	15.0	11.3	15.0	10.0	24.3	21.7
Mg	4,300	2,100	5,400	5,000	3,500	2,100	3,700	4,700
Mn	260	169	344	452	272	234	212	620
Mo	18.45	42.9	12.05	42.4	53.5	24.9	118.0	19.55
Na	27,600	20,600	28,200	26,900	21,400	23,900	23,800	12,400
Nb	14.4	5.6	12.2	13.7	12.4	8.1	12.8	11.6
Ni	3.2	2.6	2.2	2.5	3.7	3.6	3.5	4.3
P	510	330	790	860	640	400	530	360
Pb	13.9	14.0	14.6	13.0	11.8	40.3	13.4	121.5
Rb	227	236	260	253	250	177.0	245	233
Re	0.015	0.049	0.008	0.036	0.071	0.023	0.191	0.092
S (Total)	6,200	8,900	10,100	5,400	9,900	3,500	9,100	12,700
Sb	0.14	0.26	0.15	0.13	0.14	0.19	0.18	0.48
Sc	4.3	2.8	6.7	6.7	4.0	2.4	4.2	7.4
Se	2	2	3	3	2	1	3	3
Sn	3.5	1.6	4.8	4.4	3.2	1.7	4.0	1.8
Sr	782	317	628	742	423	327	500	254
Ta	1.07	0.42	0.79	0.87	0.90	0.57	0.90	0.96
Te	0.08	0.21	0.19	0.14	0.11	0.05	0.19	0.18
Th	22.1	9.0	16.7	16.5	22.6	14.2	23.6	28.1
Ti	2,060	1,040	2,520	2,790	1,620	1,190	1,780	1,520
Tl	1.50	1.35	1.65	1.71	1.39	1.03	1.57	1.70
U	6.4	3.9	4.8	4.1	5.5	3.2	5.6	6.4
V	35	21	55	61	33	16	32	81
W	9.7	9.4	7.4	7.9	6.7	8.5	9.8	5.1
Y	26.6	8.7	25.6	26.6	22.9	13.6	22.5	16.1
Zn	31	31	66	42	29	52	30	235
Zr	46.1	38.2	18.4	19.3	25.0	25.1	45.2	29.4

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-09 495.5-528.5	CF-11-09 688-718	CF-11-09 923-953	CF-11-09 1097.8-1125	CF-11-09 588-628	CF-11-10 565.1-585	CF-11-10 651-688	CF-11-10 829-862
Ag	0.59	0.95	0.36	0.52	0.63	1.61	1.23	1.51
Al	74,100	70,800	78,400	76,400	72,300	75,900	73,600	64,800
As	2.0	0.5	0.4	<0.2	<0.2	3.9	0.8	3.7
Ba	760	750	870	700	730	800	880	840
Be	2.64	2.26	2.89	3.22	2.70	2.55	2.28	1.71
Bi	1.29	0.53	0.28	0.31	0.30	0.56	0.61	0.65
Ca	9,000	10,300	10,800	8,800	13,200	13,500	13,200	10,300
Cd	0.37	0.09	0.11	0.06	0.08	0.91	0.68	0.90
Ce	56.7	45.1	68.4	72.9	51.6	60.5	50.5	41.2
Co	5.4	8.1	3.3	3.9	5.5	16.7	3.7	12.0
Cr	3	3	3	2	3	3	4	4
Cs	7.76	8.29	5.69	5.91	9.82	11.30	7.94	5.39
Cu	1,040	1,625	613	1,040	1,410	1,475	1,425	1,680
Fe	28,500	24,500	15,900	15,300	22,300	29,200	19,700	26,900
Ga	19.10	17.35	19.25	19.30	18.60	19.25	17.00	16.05
Ge	0.17	0.17	0.18	0.19	0.17	0.19	0.16	0.17
Hf	1.2	1.2	1.8	1.3	1.4	1.1	1.1	0.9
Hg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.024	0.035	0.016	0.029	0.030	0.051	0.050	0.046
K	53,700	46,600	56,900	52,900	50,800	55,300	51,700	46,500
La	27.7	20.7	33.1	37.4	23.4	32.1	27.5	21.0
Li	13.7	11.9	12.7	8.4	14.5	27.6	20.6	19.7
Mg	4,100	3,600	3,200	2,400	4,400	7,200	4,500	4,200
Mn	274	237	240	174	277	335	266	262
Mo	15.35	19.25	4.66	43.2	17.25	588	22.7	28.9
Na	18,900	18,900	23,400	20,900	17,800	16,300	16,300	14,300
Nb	12.9	10.9	15.5	15.2	12.2	11.5	9.3	7.9
Ni	3.6	3.9	2.3	2.0	3.4	4.0	3.9	3.7
P	480	450	420	420	550	630	740	560
Pb	19.7	15.2	13.1	12.7	12.2	51.1	34.4	20.1
Rb	274	244	241	237	267	318	287	243
Re	0.028	0.027	0.007	0.030	0.022	0.782	0.023	0.045
S (Total)	6,900	8,000	2,200	3,000	4,300	12,100	5,600	10,200
Sb	0.23	0.19	0.13	0.14	0.18	0.29	0.18	0.17
Sc	4.7	4.0	3.3	3.4	4.8	4.4	3.4	3.5
Se	3	3	2	2	2	3	3	4
Sn	2.8	2.7	2.9	2.8	2.8	2.9	2.8	2.1
Sr	321	307	456	397	300	293	326	309
Ta	1.03	0.88	1.25	1.20	0.98	0.92	0.71	0.60
Te	0.10	0.23	0.08	0.11	0.10	0.16	0.21	0.21
Th	25.9	17.2	23.0	24.0	20.0	28.0	27.4	45.1
Ti	1,710	1,620	1,840	1,770	1,710	1,660	1,530	1,320
Tl	1.64	1.29	1.20	1.32	1.37	1.83	1.58	1.34
U	5.6	3.8	5.8	3.6	5.1	5.6	5.5	11.5
V	49	45	31	30	46	39	36	45
W	4.3	7.5	4.9	7.2	6.2	5.0	6.2	8.3
Y	21.3	17.3	26.3	24.7	20.7	21.5	19.4	17.3
Zn	50	33	34	28	36	131	101	97
Zr	29.6	33.9	42.9	27.8	36.2	27.9	27.7	23.6

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample							
	CF-11-10-B 1000-1035	CF-11-11 1090-1129.2	CF-11-11 322.2-351	CF-11-11 435.2-461.5	CF-11-11 578-608	CF-11-11 664.2-700.1	CF-11-11 828-860	CF-11-12 504-541
Ag	0.82	0.77	0.33	0.35	0.32	0.47	0.47	0.78
Al	70,600	74,500	69,300	76,300	67,100	77,000	79,700	78,600
As	0.6	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	0.3
Ba	970	980	820	1,090	930	610	690	590
Be	2.12	2.24	2.21	2.02	1.95	3.87	4.81	3.69
Bi	0.61	0.82	0.38	0.28	0.23	0.37	0.27	1.45
Ca	13,000	12,100	8,200	15,100	7,800	9,000	9,500	7,000
Cd	0.85	0.05	0.03	0.04	0.08	0.09	0.07	0.06
Ce	45.1	53.6	38.3	24.0	43.1	80.3	87.1	84.0
Co	6.1	5.8	6.4	3.2	4.8	3.3	3.7	5.0
Cr	4	4	2	7	3	5	5	4
Cs	9.60	7.61	7.54	6.91	5.57	7.79	11.35	7.90
Cu	1,195	1,265	957	869	917	804	899	1,355
Fe	19,400	18,000	27,900	15,000	16,900	18,400	17,000	18,500
Ga	17.25	17.65	18.35	17.85	17.85	19.70	20.2	19.80
Ge	0.17	0.19	0.17	0.16	0.15	0.21	0.23	0.21
Hf	1.0	1.1	1.7	1.5	1.1	1.7	1.5	1.5
Hg	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
In	0.038	0.037	0.018	0.015	0.021	0.026	0.024	0.050
K	44,100	54,200	58,200	50,700	60,200	52,900	53,000	53,100
La	21.5	25.4	19.1	12.0	20.4	40.8	44.3	44.5
Li	18.4	20.4	14.0	19.8	10.6	9.8	13.2	8.9
Mg	3,600	3,300	4,000	2,100	5,200	2,800	2,900	2,800
Mn	239	251	289	231	279	231	230	224
Mo	26.9	83.3	4.36	17.85	5.64	6.98	88.7	28.9
Na	17,900	17,400	13,800	20,600	14,000	23,200	26,100	22,900
Nb	8.6	9.4	10.5	5.4	12.2	15.8	17.7	15.7
Ni	3.4	3.2	3.7	3.2	5.1	3.0	3.2	3.1
P	420	580	410	330	530	380	470	440
Pb	17.9	12.9	11.2	7.2	11.7	14.8	14.6	17.4
Rb	241	286	266	197.0	247	264	272	312
Re	0.039	0.178	0.005	0.014	0.009	0.008	0.073	0.025
S (Total)	7,100	6,400	3,300	5,400	1,800	3,400	2,800	5,200
Sb	0.18	0.19	0.19	0.19	0.15	0.14	0.15	0.20
Sc	3.5	3.6	4.3	2.6	3.6	3.6	4.0	3.7
Se	2	3	2	2	2	2	3	3
Sn	2.5	2.6	2.0	1.2	1.9	3.4	2.8	3.4
Sr	381	346	250	341	268	361	453	381
Ta	0.63	0.73	0.88	0.41	1.04	1.25	1.37	1.22
Te	0.19	0.18	0.21	0.09	0.06	0.17	0.08	0.14
Th	16.4	20.8	23.9	7.2	23.6	29.7	28.8	29.2
Ti	1,390	1,450	1,500	1,090	1,620	1,680	1,970	1,750
Tl	1.33	1.57	1.27	0.92	1.19	1.37	1.80	1.72
U	4.0	4.8	4.1	2.8	4.4	7.0	7.3	6.9
V	34	31	55	25	44	30	29	27
W	7.0	8.5	3.7	6.0	4.2	5.8	3.7	9.2
Y	15.4	18.7	17.5	8.2	19.1	25.6	29.6	25.9
Zn	62	29	36	25	36	31	27	26
Zr	27.1	29.5	49.1	43.9	27.6	41.1	35.0	36.2

Table . - ICP Metals Analysis Results

Copper Flat Project

Analysis, mg/kg	Sample					
	CF-11-12 718-753	CF-11-12 873.5-905	CF-11-14 0-14	CF-11-14 28.3-51	CF-11-14 431-471.1	CF-11-14 806-829.5
Ag	0.93	0.68	0.74	0.71	1.42	2.32
Al	79,600	84,000	82,600	81,500	81,200	73,800
As	0.8	1.0	0.7	0.8	0.5	0.7
Ba	550	680	700	700	750	700
Be	4.13	4.34	3.60	3.39	3.93	3.15
Bi	0.58	0.55	0.79	0.53	0.57	2.19
Ca	13,800	14,300	16,700	19,500	18,300	25,200
Cd	0.09	0.05	0.19	0.13	0.13	0.14
Ce	84.1	91.7	78.5	46.4	74.2	58.5
Co	5.2	4.9	8.1	6.4	6.9	7.5
Cr	4	4	4	3	3	3
Cs	10.05	9.10	7.54	6.91	7.40	6.66
Cu	1,260	863	1,215	1,530	1,795	1,770
Fe	19,800	23,600	20,400	17,600	22,700	24,700
Ga	20.0	21.5	19.10	18.05	20.3	18.05
Ge	0.23	0.21	0.21	0.18	0.21	0.19
Hf	1.7	1.6	2.2	2.2	1.5	1.0
Hg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
In	0.039	0.042	0.029	0.037	0.058	0.074
K	51,100	50,400	41,100	41,000	44,200	44,500
La	44.3	48.3	40.4	22.9	37.3	29.2
Li	16.2	12.3	17.6	12.2	13.5	16.9
Mg	2,900	3,200	3,000	2,800	3,000	3,600
Mn	332	322	121	177	195	277
Mo	137.0	1,355	13.95	53.1	29.8	976
Na	22,400	26,800	22,900	23,400	23,700	18,000
Nb	17.0	18.1	7.9	7.2	14.5	11.0
Ni	2.7	3.2	2.5	2.9	2.2	2.8
P	420	500	490	510	470	450
Pb	16.6	17.9	14.9	12.1	12.0	14.2
Rb	306	306	228	215	241	243
Re	0.120	0.452	0.044	0.313	0.057	0.234
S (Total)	7,500	7,000	17,800	14,700	11,300	15,000
Sb	0.23	0.21	0.20	0.25	0.21	0.24
Sc	3.8	4.3	4.0	3.9	3.9	3.5
Se	3	4	6	5	4	5
Sn	3.8	4.3	4.1	3.2	4.8	3.7
Sr	351	502	485	398	480	452
Ta	1.27	1.36	0.58	0.51	1.06	0.83
Te	0.18	0.21	0.24	0.12	0.15	1.06
Th	30.0	27.9	20.0	17.3	20.0	18.7
Ti	1,780	2,120	1,280	1,190	1,880	1,630
Tl	1.75	1.79	1.68	1.66	1.57	1.51
U	8.0	6.7	6.0	5.7	6.1	4.3
V	29	35	31	31	32	31
W	11.2	7.8	6.5	8.4	10.2	13.2
Y	27.1	29.0	17.5	12.2	23.7	21.9
Zn	31	32	26	22	30	27
Zr	39.0	32.7	64.5	64.9	36.3	21.8

Table . - ICP Metals Analysis Results,
Copper Flat Project - Cu Ro. Tail

Analysis, mg/kg	Sample
	Copper Flat (Cu Ro. Tail)
Ag	1.06
Al	71,400
As	4.2
Ba	740
Be	3.23
Bi	0.65
Ca	15,900
Cd	0.73
Ce	56.9
Co	8.0
Cr	16
Cs	8.28
Cu	686
Fe	25,500
Ga	20.4
Ge	0.20
Hf	1.0
Hg	0.05
In	0.040
K	49,500
La	27.7
Li	21.1
Mg	4,500
Mn	451
Mo	18.80
Na	1.64
Nb	12.4
Ni	12.4
P	600
Pb	55.8
Rb	270
Re	0.020
S (Total)	7,800
Sb	0.74
Sc	5.5
Se	3
Sn	3.7
Sr	356
Ta	0.86
Te	0.23
Th	22.3
Ti	1,770
Tl	1.78
U	6.0
V	46
W	9.8
Y	21.1
Zn	108
Zr	25.5

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Chemex Laboratory Reports



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1016 GREG ST
SPARKS NV 89431

Page: 1
Finalized Date: 9-JUL-2010
Account: EIM

CERTIFICATE RE10080824

Project: 3438

P.O. No.:

This report is for 74 Pulp samples submitted to our lab in Reno, NV, USA on 22-JUN-2010.

The following have access to data associated with this certificate:

CHRISTINE DEBURLE

JACK MCPARTLAND

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

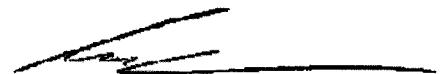
ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

To: **MCCLELLAND LABS**
ATTN: JACK MCPARTLAND
1016 GREG ST
SPARKS NV 89431

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages

Finalized Date: 9-JUL-2010

Account: EIM

Project: 3438

CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
SRK 0854		0.27	6.46	7.83	<0.2	1130	2.88	2.05	0.50	0.27	121.5	5.3	51	5.88	>10000	1.94
SRK 0855		0.28	0.49	7.40	1.2	690	4.13	0.67	0.43	0.15	67.7	4.7	52	6.07	354	1.58
SRK 0856		0.28	0.16	7.19	0.6	590	3.63	1.34	0.30	0.03	45.6	7.0	103	6.01	115.0	2.24
SRK 0857		0.27	1.48	6.43	2.0	790	2.15	0.60	1.12	2.06	55.9	5.8	103	8.37	2420	2.05
SRK 0858		0.29	0.40	7.59	0.4	650	3.82	1.30	0.43	0.04	48.0	5.2	86	7.55	495	2.17
SRK 0859		0.25	0.09	7.21	0.5	550	3.19	0.48	0.11	0.02	34.9	6.7	115	5.11	74.5	2.06
SRK 0860		0.28	0.16	7.05	0.7	500	3.26	0.72	0.22	0.09	49.7	31.2	54	4.96	214	3.54
SRK 0861		0.29	2.72	7.17	0.8	790	3.80	0.86	0.35	0.33	89.8	7.3	72	6.00	6190	1.89
SRK 0862		0.31	0.28	7.65	<0.2	580	1.55	<0.01	6.94	0.50	52.4	39.1	79	2.21	127.0	7.27
SRK 0864		0.26	0.56	7.72	1.1	730	2.27	0.17	3.99	2.04	56.5	23.0	63	6.50	520	5.68
SRK 0865		0.26	0.19	7.33	0.9	720	2.28	0.14	2.99	0.09	69.8	9.7	116	6.28	94.6	4.46
SRK 0866		0.28	0.15	7.93	0.4	700	2.23	1.69	3.86	0.05	59.3	15.8	59	5.15	147.5	5.59
SRK 0867		0.28	1.50	7.10	1.1	760	4.12	1.21	0.58	0.28	65.1	9.1	74	6.70	3050	1.98
SRK 0868		0.27	3.58	8.70	1.9	860	3.85	1.10	0.88	0.90	70.2	6.3	57	9.14	2750	3.31
SRK 0869		0.27	4.47	8.37	1.7	810	3.57	1.08	1.22	1.45	72.1	10.7	47	8.68	4400	2.54
SRK 0870		0.28	0.11	8.93	0.6	430	4.23	0.07	4.77	4.00	73.1	53.8	158	10.85	3200	4.77
SRK 0871		0.29	8.12	7.55	1.0	690	3.92	2.23	0.35	6.51	88.6	16.9	37	6.11	>10000	1.66
SRK 0872		0.28	0.60	8.01	1.1	920	3.22	1.69	0.57	0.14	73.7	7.7	101	7.33	910	2.25
SRK 0873		0.29	0.88	8.04	1.1	740	4.44	0.77	1.53	0.23	78.6	8.5	59	7.77	2000	1.97
SRK 0874		0.27	0.18	9.11	1.2	680	2.35	0.34	5.02	0.06	46.4	23.6	31	7.82	107.5	6.83
SRK 0875		0.28	1.13	8.05	5.5	770	3.95	1.59	1.86	0.38	84.5	14.1	44	8.89	964	2.98
SRK 0876		0.28	1.38	7.94	4.6	780	3.62	1.70	1.42	0.44	83.1	14.4	48	8.88	1385	3.09
SRK 0877		0.29	0.13	6.07	5	630	1.83	0.39	14.05	0.12	46.0	12.8	29	5.01	79.2	3.34
SRK 0878		0.29	0.09	3.74	7	350	1.01	0.17	19.65	0.08	31.8	6.1	11	6.40	26.8	1.46
604552		0.22	1.53	9.10	0.8	820	4.01	4.07	1.23	4.97	75.7	8.0	70	8.85	1230	3.36
604562		0.25	6.73	8.38	1.4	770	3.67	3.48	1.71	6.07	73.7	14.3	65	9.46	6150	3.01
604568		0.25	1.19	8.54	0.9	760	4.60	0.59	1.37	0.14	89.5	9.6	84	9.40	2030	2.82
604569		0.22	1.22	8.31	1.1	630	4.80	0.66	1.08	0.19	87.2	9.9	92	9.02	1550	2.88
604571		0.25	1.24	8.52	0.7	760	4.77	0.75	1.27	0.16	85.6	7.9	52	8.84	1650	3.01
604601		0.23	1.66	7.89	0.8	690	3.98	0.47	0.97	0.13	72.5	7.7	71	6.73	2900	1.56
604606		0.23	1.59	7.84	0.9	610	5.08	0.69	1.31	0.12	82.9	7.3	71	8.63	1820	1.93
604638		0.21	4.21	7.73	3.6	740	4.44	1.43	2.06	1.06	71.6	12.2	56	17.05	4810	2.67
604639		0.22	1.90	7.89	2.3	760	3.57	1.65	3.42	0.28	66.0	11.8	31	12.30	2500	3.26
604653		0.25	1.69	8.71	0.8	800	4.19	0.70	1.86	0.24	71.3	10.6	52	8.20	2250	3.27
604656		0.26	1.63	8.18	1.1	800	3.35	0.87	2.50	0.08	62.2	6.9	45	7.98	2360	2.28
604657		0.26	1.91	8.51	1.6	790	3.84	1.34	1.96	1.64	65.8	9.3	47	9.14	2050	3.01
604669		0.24	2.42	8.30	1.5	510	3.75	1.86	0.44	1.06	96.7	7.9	85	9.52	3460	1.79
604672		0.23	0.97	8.18	1.0	430	4.33	0.54	0.32	0.89	100.5	4.7	105	8.98	1760	0.91
604673		0.24	0.64	8.24	0.7	450	3.81	0.40	0.25	0.05	97.2	4.0	95	6.83	1340	0.86
604675		0.22	0.86	8.25	0.8	500	3.99	0.33	0.27	0.18	53.3	6.8	89	6.89	1415	0.73

***** See Appendix Page for comments regarding this certificate *****



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Plus Appendix Pages
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Account: EIM

Project: 3438

CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61										
		Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
SRK 0854		22.2	0.34	1.5	<0.01	0.245	4.21	80.6	17.4	0.24	71	594	1.74	8.0	3.2	580
SRK 0855		20.5	0.11	2.3	<0.01	0.018	3.93	34.1	16.9	0.27	67	40.2	2.10	5.3	3.9	390
SRK 0856		19.95	0.10	1.6	<0.01	0.007	3.91	22.4	11.8	0.21	28	11.10	2.02	6.8	1.9	150
SRK 0857		16.00	0.12	1.3	<0.01	0.080	4.15	30.4	21.5	0.55	305	43.8	1.45	6.8	30.7	460
SRK 0858		21.4	0.10	1.3	<0.01	0.043	4.52	24.2	13.0	0.18	80	9.27	2.25	12.4	1.4	440
SRK 0859		17.05	0.07	1.3	<0.01	0.006	4.29	16.9	9.2	0.18	18	8.21	1.81	7.2	1.8	170
SRK 0860		16.55	0.11	1.3	<0.01	0.007	3.76	24.0	11.0	0.22	24	13.20	1.80	4.1	1.3	200
SRK 0861		20.5	0.11	1.4	<0.01	0.132	4.44	54.8	17.2	0.28	113	177.0	2.03	12.4	2.7	460
SRK 0862		17.10	0.17	3.6	<0.01	0.067	1.09	26.2	13.5	2.40	1340	6.08	1.88	39.0	78.2	2370
SRK 0864		20.8	0.16	3.4	<0.01	0.099	2.46	26.1	13.3	1.63	1110	2.54	2.19	8.5	21.3	2140
SRK 0865		20.8	0.13	3.2	<0.01	0.152	2.12	32.7	12.2	1.01	407	7.78	2.77	10.1	4.4	1540
SRK 0866		21.6	0.14	1.4	<0.01	0.090	2.17	27.1	8.2	1.29	747	3.50	2.46	7.8	7.2	2300
SRK 0867		21.2	0.09	1.7	<0.01	0.069	4.04	35.2	14.3	0.26	157	99.6	2.08	10.4	8.1	450
SRK 0868		23.4	0.14	1.4	<0.01	0.127	4.43	34.4	16.0	0.50	199	5.12	2.61	12.2	4.6	990
SRK 0869		22.0	0.15	1.3	0.01	0.164	4.75	34.1	17.5	0.44	635	12.65	2.31	10.6	3.7	900
SRK 0870		21.1	0.21	5.4	<0.01	0.062	1.13	30.4	8.6	1.35	1420	2.66	2.15	8.2	49.4	1100
SRK 0871		19.85	0.18	1.2	0.01	0.186	4.64	46.0	10.2	0.19	483	43.4	1.79	12.4	5.4	540
SRK 0872		19.15	0.14	1.7	<0.01	0.024	4.41	38.0	11.4	0.25	108	21.9	1.91	7.6	2.4	400
SRK 0873		20.9	0.15	2.5	<0.01	0.047	4.54	38.4	15.9	0.30	165	40.7	2.32	8.0	4.9	550
SRK 0874		21.5	0.19	2.7	<0.01	0.124	2.78	21.7	10.8	2.11	1180	7.70	2.72	6.5	11.8	3120
SRK 0875		20.6	0.17	2.0	<0.01	0.053	4.86	44.9	17.8	0.48	444	44.4	1.85	11.1	5.9	790
SRK 0876		20.5	0.17	1.7	<0.01	0.062	5.03	44.9	16.7	0.45	351	43.1	1.75	10.6	6.4	710
SRK 0877		14.45	0.13	3.0	0.01	0.052	2.07	23.6	16.3	1.01	619	1.51	1.25	10.3	13.7	1220
SRK 0878		8.54	0.09	2.1	0.01	0.028	1.07	16.4	16.3	1.13	301	0.65	0.34	6.3	5.7	640
604552		23.2	0.19	1.1	<0.01	0.105	5.04	36.9	15.3	0.48	316	7.50	2.65	13.6	2.4	900
604562		22.6	0.18	1.2	0.01	0.205	4.87	35.7	19.6	0.58	654	24.1	1.70	11.1	2.5	920
604568		22.7	0.19	1.5	<0.01	0.076	5.16	45.1	17.0	0.45	314	39.6	2.68	15.3	2.6	730
604569		22.6	0.19	1.5	<0.01	0.066	4.99	43.9	15.5	0.43	374	8.77	2.54	15.5	2.6	680
604571		23.0	0.18	1.3	<0.01	0.075	4.91	43.0	16.1	0.45	277	10.15	2.76	15.0	4.1	700
604601		20.2	0.15	1.8	0.02	0.064	5.15	37.0	12.2	0.34	142	45.9	2.34	11.1	5.4	510
604606		21.9	0.18	1.7	<0.01	0.055	5.10	41.9	13.2	0.31	180	13.85	2.31	16.6	4.9	490
604638		21.2	0.18	1.4	0.01	0.115	4.75	33.8	24.2	0.40	672	210	1.29	13.4	5.3	690
604639		21.6	0.16	1.2	<0.01	0.106	4.89	30.2	17.3	0.55	920	9.12	0.86	12.4	3.1	900
604653		23.1	0.18	1.0	<0.01	0.110	4.93	34.3	14.2	0.44	561	61.6	2.62	13.9	4.3	790
604656		21.4	0.15	1.0	<0.01	0.092	5.23	29.2	11.8	0.47	666	351	1.53	12.9	3.3	770
604657		22.9	0.15	1.0	0.01	0.095	5.06	30.8	15.9	0.47	915	20.3	2.35	13.6	4.0	850
604669		22.4	0.18	2.1	0.01	0.086	5.57	50.5	11.1	0.26	366	97.8	1.46	17.9	2.5	440
604672		21.7	0.13	2.9	0.01	0.049	5.47	53.2	7.7	0.13	54	172.0	2.03	16.4	2.4	190
604673		21.3	0.14	3.0	<0.01	0.034	5.79	52.9	7.3	0.13	29	183.5	1.93	15.9	2.1	170
604675		21.8	0.10	2.8	<0.01	0.034	5.35	28.8	7.0	0.14	27	36.4	2.22	16.2	2.1	240

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 Total # Pages: 3 (A - D)
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 Finalized Date: 9-JUL-2010
 Account: EIM

Project: 3438

CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61 Pb	ME-MS61 Rb	ME-MS61 Re	ME-MS61 S	ME-MS61 Sb	ME-MS61 Sc	ME-MS61 Se	ME-MS61 Sn	ME-MS61 Sr	ME-MS61 Ta	ME-MS61 Te	ME-MS61 Th	ME-MS61 Ti	ME-MS61 TI	ME-MS61 U
		ppm	ppm	ppm	%	ppm	ppm									
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
SRK 0854		74.9	215	1.010	0.98	0.27	3.7	9	9.0	434	0.59	0.67	17.8	0.126	1.83	3.8
SRK 0855		15.2	223	0.146	1.05	0.18	3.8	4	3.8	354	0.38	0.13	18.5	0.082	1.59	5.2
SRK 0856		13.5	238	0.040	2.07	0.19	3.1	3	3.2	315	0.48	0.34	9.0	0.093	1.57	2.4
SRK 0857		68.4	250	0.100	0.70	0.21	5.5	2	3.0	340	0.47	0.16	12.5	0.137	1.70	4.2
SRK 0858		14.1	253	0.008	0.79	0.17	4.1	2	4.4	456	0.84	0.21	18.0	0.188	1.50	5.2
SRK 0859		8.5	227	0.010	1.83	0.12	2.6	3	2.3	282	0.52	0.15	13.1	0.094	1.40	2.5
SRK 0860		8.5	206	0.018	3.34	0.13	2.8	5	2.8	280	0.29	0.37	13.5	0.064	1.33	3.5
SRK 0861		15.5	221	0.150	0.48	0.29	3.7	4	4.5	357	0.89	0.40	24.4	0.154	1.36	6.6
SRK 0862		2.7	30.4	0.009	0.04	0.22	15.1	2	1.3	773	2.18	<0.05	2.5	1.035	0.07	1.0
SRK 0864		10.4	105.5	0.006	0.01	0.36	19.2	2	2.3	748	0.53	0.06	6.4	0.566	1.00	2.8
SRK 0865		8.5	145.0	0.004	0.01	0.47	12.7	2	2.3	614	0.57	0.05	7.4	0.426	1.12	2.1
SRK 0866		6.8	111.5	0.002	0.31	0.19	15.9	2	3.6	672	0.44	0.82	5.0	0.499	0.98	1.4
SRK 0867		16.3	229	0.088	0.97	0.21	4.0	3	4.0	394	0.76	0.50	19.9	0.139	1.55	5.6
SRK 0868		50.8	258	0.011	0.36	0.29	7.2	3	6.2	636	0.84	0.44	18.3	0.271	2.23	3.8
SRK 0869		144.5	282	0.008	1.19	0.44	6.8	4	4.9	529	0.71	0.46	19.0	0.227	2.18	4.3
SRK 0870		9.5	92.7	0.046	0.23	0.13	23.2	3	1.3	760	0.59	<0.05	6.9	0.734	0.54	8.7
SRK 0871		30.8	221	0.006	0.03	0.32	4.1	6	5.4	302	1.00	1.04	30.8	0.153	1.64	6.8
SRK 0872		37.9	227	0.034	1.83	0.27	4.1	4	3.5	352	0.57	0.23	18.4	0.118	2.04	4.1
SRK 0873		21.5	243	0.153	1.79	0.21	4.7	4	3.6	378	0.60	0.16	26.2	0.122	1.91	7.3
SRK 0874		8.9	191.5	0.006	0.04	0.57	26.3	2	2.6	841	0.39	0.06	6.6	0.650	2.12	1.9
SRK 0875		28.6	280	0.052	1.27	0.38	6.4	3	4.0	417	0.80	0.44	25.4	0.193	2.15	7.4
SRK 0876		29.2	292	0.071	1.35	0.36	6.1	4	3.9	396	0.75	0.44	25.4	0.183	1.95	7.6
SRK 0877		15.0	93.5	0.002	0.04	0.40	9.3	2	1.5	634	0.63	0.09	7.3	0.357	0.69	1.9
SRK 0878		9.6	53.2	<0.002	0.04	0.41	4.8	1	0.9	640	0.43	<0.05	5.7	0.171	0.43	6.3
604552		265	274	0.036	0.64	0.50	7.4	3	4.8	694	0.86	2.30	18.6	0.279	1.74	4.9
604562		400	258	0.067	1.93	0.88	7.5	5	6.2	499	0.76	0.85	21.9	0.235	2.21	3.9
604568		19.6	286	0.047	1.30	0.22	6.3	3	5.1	548	1.08	0.16	26.3	0.226	1.96	7.0
604569		25.1	292	0.023	1.45	0.26	6.1	3	4.8	498	1.08	0.20	25.5	0.220	1.94	6.6
604571		21.0	285	0.022	1.28	0.23	6.1	3	4.7	559	1.06	0.20	26.3	0.221	1.86	6.9
604601		14.4	259	0.041	1.08	0.37	4.5	4	3.8	357	0.83	0.17	27.6	0.140	1.89	8.8
604606		19.1	291	0.009	1.00	0.26	4.4	3	4.8	429	1.27	0.22	30.8	0.180	1.91	7.8
604638		47.5	249	0.081	1.44	1.11	6.0	4	4.8	365	0.94	0.62	21.1	0.209	2.03	4.7
604639		20.7	248	0.044	1.16	1.10	7.5	3	4.5	506	0.80	0.55	15.6	0.268	1.73	4.6
604653		25.1	259	0.132	1.10	0.27	7.1	3	5.2	655	0.95	0.19	19.1	0.253	1.69	5.0
604656		16.4	254	0.176	0.82	0.90	6.3	3	3.7	509	0.87	0.23	18.0	0.241	1.67	5.1
604657		183.5	254	0.023	0.95	0.44	7.1	3	4.4	628	0.88	0.35	18.2	0.260	1.78	5.9
604669		121.0	323	0.112	0.96	0.39	4.5	4	3.7	289	1.29	0.25	39.5	0.168	1.92	9.6
604672		64.9	292	0.157	0.61	0.24	2.2	2	2.4	280	1.33	0.13	38.4	0.090	2.05	11.7
604673		23.4	285	0.223	0.63	0.16	2.1	2	1.8	265	1.25	0.09	37.7	0.080	1.99	9.2
604675		18.2	254	0.053	0.55	0.21	2.3	2	2.1	266	1.32	0.09	38.5	0.099	1.93	9.4

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CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
		V	W	Y	Zn	Zr	Cu
		ppm	ppm	ppm	ppm	ppm	%
		1	0.1	0.1	2	0.5	0.001
SRK 0854		32	7.3	17.8	58	39.4	1.040
SRK 0855		28	4.6	12.2	27	69.0	
SRK 0856		24	7.6	9.2	13	38.9	
SRK 0857		37	8.4	12.8	313	38.9	
SRK 0858		35	8.2	17.4	17	25.6	
SRK 0859		21	7.0	9.6	9	31.5	
SRK 0860		21	5.3	9.2	15	33.0	
SRK 0861		27	4.9	21.3	57	35.8	
SRK 0862		129	0.4	23.2	98	155.0	
SRK 0864		156	1.3	33.4	117	122.5	
SRK 0865		94	1.4	33.8	19	99.7	
SRK 0866		131	4.2	31.2	40	44.1	
SRK 0867		30	7.8	19.6	36	44.9	
SRK 0868		62	9.5	29.4	103	22.7	
SRK 0869		57	13.4	25.5	175	22.6	
SRK 0870		145	1.6	76.6	328	178.5	
SRK 0871		26	6.9	33.0	386	28.0	1.450
SRK 0872		30	10.5	13.4	26	38.3	
SRK 0873		29	6.4	17.7	29	63.7	
SRK 0874		206	1.9	27.1	65	80.8	
SRK 0875		49	10.1	24.7	69	52.3	
SRK 0876		49	9.2	23.1	69	45.0	
SRK 0877		79	1.9	19.8	70	93.7	
SRK 0878		35	1.3	11.3	36	66.0	
604552		56	11.0	30.1	673	20.2	
604562		56	18.1	26.1	761	19.8	
604568		44	10.9	29.8	35	27.1	
604569		41	9.8	29.3	35	25.7	
604571		43	9.3	29.2	34	22.1	
604601		26	8.1	20.2	24	42.9	
604606		29	8.1	26.8	24	35.5	
604638		43	22.5	25.4	154	26.7	
604639		58	16.9	28.3	84	20.9	
604653		48	7.3	29.4	55	17.0	
604656		46	10.6	27.5	55	16.8	
604657		51	10.5	26.2	226	16.6	
604669		29	12.2	28.9	125	44.4	
604672		12	9.0	23.5	121	64.1	
604673		10	7.3	20.1	16	67.4	
604675		13	8.8	18.0	24	61.5	



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CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method	WEI-21	ME-MS61													
	Analyte Units LOR	Recv'd Wt.	Ag kg	Al ppm	As %	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
604695		0.23	1.94	7.53	0.3	690	3.83	0.54	1.34	0.07	71.4	7.8	82	6.21	2430	1.27
604734		0.23	0.84	8.46	0.4	700	4.86	0.29	1.40	0.10	85.6	6.3	93	8.83	1320	2.66
904755		0.24	4.75	8.52	7.2	660	4.90	6.47	1.03	0.69	108.5	8.8	101	11.25	2370	2.53
604767		0.23	5.69	7.78	16.5	870	2.30	2.15	0.56	2.89	60.6	28.1	91	7.81	6360	3.73
604787		0.31	5.06	7.60	9.7	730	3.91	1.70	1.14	1.32	71.0	14.0	79	9.77	6410	3.14
604790		0.25	3.55	6.92	2.8	780	3.30	1.58	1.21	0.32	73.3	13.7	113	6.08	5390	2.17
604804		0.25	2.56	7.69	2.9	860	3.70	1.53	1.39	0.29	65.4	10.9	90	6.55	3090	2.69
604811		0.23	2.55	7.13	12.0	810	2.74	1.36	1.44	1.48	51.3	15.3	118	8.42	2940	2.84
604849		0.24	0.67	6.85	58.9	1120	2.22	0.59	2.08	0.42	50.6	11.1	109	7.04	818	2.87
604854		0.25	4.15	7.87	24.8	1660	1.22	1.04	0.99	2.14	175.5	11.6	85	7.48	4830	2.67
604862		0.23	4.50	6.58	9.7	1060	1.66	1.62	1.25	0.23	199.0	13.5	64	24.5	4820	11.55
604867		0.28	12.15	6.57	2.5	1100	1.51	33.0	0.88	1.63	>500	17.0	60	24.0	>10000	10.95
604880		0.22	0.54	7.84	1.9	1070	3.32	0.40	1.76	0.13	49.3	5.9	93	8.93	729	2.07
604889		0.22	1.75	7.32	2.2	760	3.62	1.11	1.74	0.19	74.0	6.0	84	7.39	2060	1.77
604898		0.23	1.60	7.96	4.8	1100	2.50	0.57	2.32	<0.02	63.6	6.1	93	7.97	2020	1.83
605001		0.22	3.63	7.67	38.5	1200	1.50	1.25	0.36	1.80	62.7	13.2	66	15.90	2810	7.56
605013		0.24	4.54	6.46	8.7	880	1.75	3.17	1.35	1.69	56.0	12.6	78	7.58	3940	4.75
605033		0.24	2.34	7.63	5.3	990	2.31	2.86	1.48	1.04	43.3	7.5	58	11.00	2030	4.66
605039		0.21	0.99	7.10	4.4	800	2.73	0.46	1.28	0.31	46.2	11.3	72	13.85	1370	5.28
605078		0.24	2.95	6.17	1.4	640	1.77	1.51	1.49	8.05	24.0	9.2	87	6.70	2810	2.40
605109		0.21	1.12	7.22	0.7	880	2.69	0.52	1.47	0.06	54.4	6.9	77	9.81	1555	2.18
605143		0.25	1.12	7.75	1.1	760	3.07	0.33	1.27	0.59	72.0	6.7	72	10.40	1610	2.14
605152		0.26	0.82	7.96	1.5	890	2.91	0.79	2.13	2.61	48.5	5.2	45	12.40	751	2.22
605153		0.23	0.62	8.02	1.6	1440	3.07	0.32	2.19	1.26	48.1	5.4	58	14.50	642	2.33
605154		0.23	0.64	8.24	1.2	1160	2.69	0.29	2.01	0.07	43.6	5.8	56	11.95	1175	2.13
605175		0.25	0.51	6.85	1.6	350	4.37	0.28	1.70	2.17	38.0	4.3	63	9.92	657	0.99
605182		0.22	0.38	6.35	1.0	510	3.54	1.31	1.67	0.02	34.8	3.8	69	6.93	648	0.83
604184		0.24	8.62	7.13	16.6	910	1.74	1.74	0.43	6.81	35.3	21.1	48	13.35	8280	7.12
605193		0.26	1.58	6.98	8.7	780	2.53	0.67	1.07	0.85	57.8	7.1	69	8.37	1335	3.74
605200		0.24	1.83	6.49	3.1	880	1.86	1.36	0.76	0.39	36.9	16.7	133	9.66	3500	5.13
605209		0.24	3.46	7.37	61.9	730	2.87	0.55	1.24	1.26	55.3	9.5	95	7.20	1940	3.44
605218		0.23	4.88	6.74	17.4	960	2.46	2.07	0.57	1.75	47.9	7.6	121	7.54	1510	3.69
605234		0.24	1.71	6.31	24.3	760	2.02	0.91	0.99	0.46	39.8	17.9	121	8.70	1810	4.11
605518		0.22	1.27	8.17	1.3	710	4.47	0.34	1.30	0.10	89.1	6.3	94	10.05	1905	2.42

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CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
604695		20.5	0.14	1.3	<0.01	0.061	4.93	35.5	9.9	0.28	189	199.0	2.24	10.6	2.5	490
604734		22.4	0.16	1.5	<0.01	0.058	5.26	42.2	11.8	0.39	407	41.9	2.84	17.3	2.8	680
904755		22.8	0.18	1.5	<0.01	0.077	5.43	59.6	22.1	0.32	365	29.3	1.72	17.0	4.0	550
604767		20.5	0.17	1.3	<0.01	0.164	4.53	32.2	14.1	0.41	340	30.4	1.07	11.8	5.2	610
604787		20.6	0.17	1.5	<0.01	0.143	4.86	38.3	30.7	0.43	271	132.5	1.32	12.7	3.6	460
604790		18.10	0.15	1.2	<0.01	0.085	4.83	42.7	17.8	0.26	179	186.5	1.64	11.2	4.0	430
604804		21.0	0.17	1.0	<0.01	0.078	4.75	33.1	15.8	0.41	226	174.5	2.04	12.2	3.6	570
604811		19.60	0.15	1.0	<0.01	0.071	4.38	26.9	20.3	0.45	266	112.0	0.87	10.3	4.9	740
604849		17.55	0.14	1.0	<0.01	0.019	4.52	27.2	24.5	0.41	356	168.0	0.51	8.9	4.2	550
604854		19.45	0.12	0.8	<0.01	0.091	3.93	118.0	8.6	0.37	224	278	0.91	9.5	4.3	1390
604862		29.7	0.65	0.7	<0.01	0.100	4.12	146.5	45.8	1.75	703	664	0.59	4.6	9.4	750
604867		32.9	0.53	0.8	<0.01	0.412	4.08	1020	39.9	1.75	550	428	0.70	4.9	12.9	1100
604880		20.3	0.08	2.1	<0.01	0.019	2.76	24.3	32.5	0.54	248	55.6	3.04	9.2	3.8	510
604889		20.7	0.15	1.8	<0.01	0.077	3.99	33.9	18.4	0.31	198	53.2	2.40	12.0	3.1	440
604898		20.4	0.59	2.3	<0.01	0.057	3.10	32.9	21.5	0.46	201	632	2.84	7.1	3.7	520
605001		27.2	0.15	1.2	<0.01	0.072	4.07	29.2	23.6	0.99	923	38.0	0.97	9.7	8.6	490
605013		19.25	0.11	1.1	<0.01	0.145	4.22	28.8	18.0	0.53	518	198.0	0.97	9.6	8.0	300
605033		23.2	0.09	1.6	<0.01	0.066	4.60	21.5	28.6	0.81	466	63.8	1.89	8.6	6.3	480
605039		23.2	0.09	1.5	<0.01	0.025	4.53	22.9	29.9	1.08	503	36.8	1.64	12.1	7.2	670
605078		16.35	0.08	1.1	0.02	0.158	3.88	12.5	9.8	0.23	761	103.0	1.19	7.3	6.1	330
605109		19.80	0.09	1.2	<0.01	0.030	4.07	25.0	17.6	0.46	581	37.9	1.84	10.8	6.4	740
605143		19.70	0.10	1.3	<0.01	0.035	4.15	33.6	18.2	0.39	558	17.85	2.23	11.9	5.4	490
605152		19.75	0.11	1.6	0.01	0.116	3.41	21.5	24.0	0.48	729	18.75	2.58	8.9	4.9	560
605153		20.2	0.11	1.7	0.01	0.037	3.53	19.9	25.8	0.48	896	25.7	2.68	8.7	5.8	560
605154		19.85	0.11	1.3	<0.01	0.027	3.48	20.1	21.8	0.45	572	16.15	2.78	6.2	5.5	570
605175		18.05	0.09	1.0	0.03	0.038	2.12	15.0	12.0	0.27	529	23.4	2.84	7.0	4.9	470
605182		17.50	0.08	1.1	<0.01	0.012	2.76	13.3	11.1	0.25	221	68.2	2.84	7.7	5.1	480
604184		25.7	0.14	1.0	<0.1	0.183	4.00	17.9	20.3	0.88	1660	204	0.66	8.2	8.2	630
605193		20.6	0.10	1.3	<0.01	0.040	4.12	29.7	14.2	0.47	439	26.4	1.43	14.5	5.7	400
605200		20.8	0.10	1.1	<0.01	0.054	4.16	19.9	23.2	0.83	361	55.6	1.01	10.0	10.7	410
605209		21.1	0.11	1.8	<0.01	0.054	4.09	26.8	20.2	0.45	584	21.6	1.67	14.1	3.7	440
605218		19.85	0.11	1.1	<0.1	0.037	4.22	23.1	26.2	0.48	479	21.6	1.39	11.2	4.2	410
605234		18.40	0.11	0.9	<0.1	0.033	4.43	19.5	38.6	0.61	442	80.3	0.91	8.7	4.3	430
605518		22.5	0.15	1.2	<0.01	0.080	4.39	44.2	12.0	0.41	333	41.2	2.52	15.6	2.6	660

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CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %	ME-MS61 TI ppm	ME-MS61 U ppm
604695		10.8	280	0.158	0.95	0.32	4.2	3	3.2	356	0.76	0.19	25.9	0.146	1.77	6.6
604734		16.6	261	0.027	0.39	0.11	6.2	2	4.1	604	1.22	0.11	26.5	0.249	1.62	5.7
904755		36.5	320	0.091	1.12	0.83	5.0	3	4.2	391	1.23	0.41	32.3	0.191	2.21	9.1
604767		87.0	215	0.103	2.94	0.45	5.0	8	2.3	336	1.07	1.09	37.5	0.157	2.33	15.8
604787		64.1	264	0.151	1.52	0.80	5.1	5	2.7	317	0.96	0.51	29.8	0.167	1.88	10.0
604790		11.1	287	0.108	1.60	0.32	3.9	5	2.3	272	0.90	0.67	28.4	0.144	1.58	11.1
604804		16.5	237	0.181	1.60	0.18	5.0	4	2.9	514	0.82	0.60	23.0	0.186	1.75	6.6
604811		55.2	231	0.126	1.86	0.43	5.1	4	2.8	268	0.76	0.56	27.0	0.168	1.93	6.1
604849		21.5	235	0.219	1.45	1.32	2.7	4	2.0	260	0.66	0.15	23.0	0.140	1.90	9.1
604854		33.5	169.5	0.352	1.73	0.90	2.9	5	2.3	381	0.66	0.33	11.2	0.141	2.17	3.6
604862		10.3	306	0.724	1.43	0.64	19.6	2	3.7	266	0.26	0.23	32.5	0.172	2.21	4.3
604867		10.8	299	0.236	2.89	0.14	5.7	13	5.6	298	0.27	4.32	83.7	0.186	2.69	3.5
604880		13.5	179.0	0.031	0.58	0.16	4.4	2	3.7	715	0.60	0.07	11.1	0.165	1.02	3.6
604889		14.1	223	0.054	1.02	0.22	4.2	3	3.6	468	0.85	0.33	21.9	0.149	1.35	6.8
604898		14.5	280	0.177	1.05	0.18	7.9	<1	3.5	613	0.48	<0.05	15.1	0.135	1.09	5.8
605001		79.1	221	0.086	2.34	6.92	9.2	4	2.2	293	0.67	0.32	36.2	0.179	2.40	9.0
605013		52.0	191.0	0.228	2.63	0.36	6.6	4	2.5	240	0.66	1.60	24.4	0.146	1.55	6.1
605033		45.5	240	0.071	1.21	0.45	6.5	2	3.0	437	0.55	1.37	15.6	0.183	1.58	5.2
605039		12.1	260	0.045	1.42	0.31	7.5	2	2.7	319	0.78	0.18	25.8	0.196	1.69	6.9
605078		153.5	172.5	0.081	1.80	0.45	3.0	3	1.9	193.5	0.52	0.42	14.5	0.113	1.36	3.9
605109		13.1	202	0.035	0.78	0.47	4.2	2	2.7	355	0.73	0.10	21.2	0.158	1.51	5.6
605143		39.2	197.0	0.027	0.82	0.33	4.2	2	2.8	388	0.86	0.11	23.0	0.154	1.41	5.8
605152		45.5	220	0.014	0.50	0.35	5.1	1	2.7	507	0.57	0.09	11.6	0.162	1.22	3.7
605153		29.8	216	0.022	0.55	0.38	4.9	1	2.8	612	0.57	0.05	11.6	0.155	1.23	3.8
605154		13.2	213	0.014	0.50	0.29	4.3	1	2.3	568	0.41	0.06	11.3	0.110	1.13	3.2
605175		37.6	129.0	0.017	0.47	0.60	2.9	1	1.6	315	0.46	<0.05	12.7	0.113	0.74	3.1
605182		9.6	142.0	0.051	0.39	0.23	2.8	1	2.1	377	0.46	<0.05	10.9	0.126	0.74	2.8
604184		155.5	184.5	0.315	2.83	0.82	9.7	4	2.3	249	0.61	1.86	33.0	0.176	1.91	7.1
605193		39.5	198.0	0.036	1.35	0.64	5.0	2	3.1	317	1.06	0.34	27.4	0.166	1.68	7.7
605200		11.6	221	0.085	2.43	0.39	7.3	4	2.5	253	0.66	0.41	28.3	0.160	1.59	8.7
605209		134.5	205	0.028	1.08	1.13	4.8	2	3.2	345	0.98	0.16	21.1	0.171	1.60	9.2
605218		548	237	0.075	1.42	1.83	5.0	2	2.8	277	0.78	1.10	19.2	0.167	1.64	5.9
605234		18.9	236	0.104	1.87	0.62	4.7	3	1.8	229	0.63	0.43	22.2	0.142	1.33	6.4
605518		16.1	220	0.024	0.62	0.12	5.7	2	4.2	528	1.06	0.15	21.6	0.210	1.65	5.6

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 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 9-JUL-2010
 Account: EIM

Project: 3438

CERTIFICATE OF ANALYSIS RE10080824

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu %	Cu-OG62 Cu 0.001
604695		28	14.8	21.1	26	27.6		
604734		45	7.3	32.4	34	23.6		
904755		35	27.9	28.7	144	32.7		
604767		57	13.6	19.6	329	32.9		
604787		38	9.5	21.1	163	35.2		
604790		32	9.9	15.0	53	28.6		
604804		38	5.6	24.7	59	22.8		
604811		46	15.4	18.9	192	24.6		
604849		38	10.3	18.2	60	21.0		
604854		40	12.8	18.7	236	21.1		
604862		155	5.6	9.6	110	17.9		
604867		129	6.8	13.2	202	27.3	1.450	
604880		32	12.5	17.7	31	63.0		
604889		29	9.2	22.1	41	53.0		
604898		32	9.6	20.8	42	46.7		
605001		136	3.4	15.7	250	33.7		
605013		78	13.3	16.5	198	32.2		
605033		99	6.2	17.3	130	49.7		
605039		88	4.1	20.0	61	45.7		
605078		33	14.0	12.9	1000	32.2		
605109		37	8.0	20.5	37	32.7		
605143		33	7.6	21.5	99	34.2		
605152		36	6.6	18.5	325	53.9		
605153		35	6.4	19.1	191	53.7		
605154		34	3.9	17.7	43	41.7		
605175		23	8.4	14.4	302	30.5		
605182		20	8.8	13.9	18	32.1		
604184		150	5.6	16.0	673	30.0		
605193		55	5.7	21.5	108	36.0		
605200		79	5.2	16.2	70	34.2		
605209		50	6.6	22.1	165	49.2		
605218		55	7.3	18.2	225	30.5		
605234		56	8.1	17.3	74	26.0		
605518		39	12.7	27.6	33	22.2		



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Account: EIM

Project: 3438

CERTIFICATE OF ANALYSIS RE10080824

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.
Hg-CV41	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.



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Finalized Date: 23-JAN-2012
Account: EIM

CERTIFICATE RE12007978

Project: 3438

P.O. No.:

This report is for 62 Crushed Rock samples submitted to our lab in Reno, NV, USA on 13-JAN-2012.

The following have access to data associated with this certificate:

CHRISTINE DEBURLE

JACK MCPARTLAND

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Hg- CV41	Trace Hg - cold vapor/AAS	FIMS
ME- MS61	48 element four acid ICP- MS	

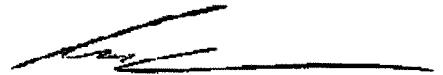
The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project. Statement required by Nevada State Law NRS 519

To: MCCLELLAND LABS
ATTN: JACK MCPARTLAND
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SPARKS NV 89431

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 23-JAN-2012

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Project: 3438

CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 %
3438-CF-11-01-B 15-43		0.12	3.87	7.72	7.2	910	3.26	1.10	0.55	0.59	150.5	12.7	4	7.96	6420	2.39
3438-CF-11-01-B 189-225		0.12	2.94	6.76	6.5	800	3.24	0.70	1.07	0.68	56.8	7.2	2	6.71	4300	2.10
3438-CF-11-01-B 268.8-292		0.12	4.84	6.76	24.5	470	2.57	6.94	1.55	1.31	81.7	16.4	2	9.35	6720	5.01
3438-CF-11-01-B 465-480		0.12	3.72	7.82	1.7	880	3.26	0.84	1.17	0.36	73.2	10.1	3	17.90	5110	3.51
3438-CF-11-01-B 575-610		0.12	3.92	6.69	9.3	870	1.92	2.67	0.84	1.08	56.8	12.3	2	7.66	4440	3.24
3438-CF-11-01-B 1005-1025		0.12	0.60	8.20	1.9	880	4.05	0.56	1.52	0.16	70.9	4.2	3	6.74	800	2.28
3438-CF-11-02 0-27		0.12	1.59	8.65	1.4	780	4.11	16.30	1.19	0.28	72.3	9.7	3	9.38	1425	3.72
3438-CF-11-02 147-181		0.12	0.50	8.66	2.1	760	4.73	0.57	1.97	0.13	73.0	7.9	2	7.74	484	3.64
3438-CF-11-02 367-408		0.12	0.93	8.48	2.0	690	4.41	0.50	1.61	0.20	76.0	8.4	2	6.89	1115	3.30
3438-CF-11-02 471-507		0.12	1.97	8.43	1.2	660	4.82	2.29	1.63	1.42	77.8	9.3	3	9.15	1390	3.24
3438-CF-11-02 609-625		0.14	1.12	8.33	2.4	670	4.87	0.73	1.42	0.37	79.0	7.9	3	10.45	1405	2.36
3438-CF-11-03 23.9-53.2		0.12	0.65	7.86	1.4	910	2.80	1.53	2.11	0.12	39.6	5.0	5	6.12	1085	2.10
3438-CF-11-03 243-276.5		0.12	3.64	6.72	9.3	780	2.32	1.47	2.09	1.06	60.0	29.3	6	11.10	5720	3.70
3438-CF-11-03 316.8-341.8		0.12	4.32	7.23	6.2	770	2.33	29.8	1.41	0.71	62.8	12.2	4	10.50	8250	3.09
3438-CF-11-03 497-521.7		0.12	2.19	6.56	7.5	760	2.90	1.20	1.91	0.73	39.8	9.9	3	8.64	2590	2.37
3438-CF-11-03 580.3-600.3		0.14	1.11	7.75	2.7	790	3.51	0.86	1.17	0.34	55.8	4.0	4	6.22	1170	2.05
3438-CF-11-03 836.8-851.8		0.12	0.60	7.98	1.3	830	4.70	0.57	1.70	0.16	61.6	4.4	2	5.88	724	2.50
3438-CF-11-03 922-949.5		0.12	1.19	7.02	2.6	830	2.48	0.78	1.66	2.35	62.9	4.8	3	6.61	1380	2.09
3438-CF-11-03 1049.5-1085.3		0.12	1.50	7.29	2.2	900	2.67	0.80	1.05	0.77	45.2	8.9	3	7.43	1865	2.67
3438-CF-11-04 0-16.6		0.12	3.48	8.56	3.0	1210	2.07	3.56	0.50	0.38	225	19.2	2	6.87	7320	2.90
3438-CF-11-04 168-203		0.12	2.32	8.57	1.2	910	3.71	1.00	1.45	0.20	69.9	9.5	2	8.34	4860	2.52
3438-CF-11-04 464.8-504.8		0.12	1.45	7.90	1.8	530	4.93	0.61	1.12	0.14	90.0	6.6	3	9.85	2150	1.90
3438-CF-11-04 628-678		0.12	1.24	7.50	1.1	610	3.44	0.48	1.73	0.33	77.9	4.0	2	7.30	1910	1.42
3438-CF-11-05 35-60		0.14	2.10	7.91	2.3	830	4.23	0.70	1.08	0.23	64.0	4.5	3	7.94	2320	2.01
3438-CF-11-05 760-780		0.12	2.14	8.18	1.5	850	3.80	0.70	1.50	0.14	69.8	5.6	4	8.85	2870	1.70
3438-CF-11-05 880-895		0.12	0.71	8.09	1.3	820	4.25	0.34	1.46	0.31	71.7	5.7	3	8.49	871	2.40
3438-CF-11-06 6.4-19.4		0.12	1.69	8.62	1.3	630	4.81	1.28	1.49	0.19	79.4	10.3	2	8.76	2130	3.00
3438-CF-11-06 135.4-155.6		0.14	1.17	8.35	1.4	650	4.90	0.70	1.42	0.10	79.6	6.4	4	9.12	2050	2.31
3438-CF-11-06 418-443		0.12	2.61	7.63	5.1	570	4.21	0.84	1.73	0.27	62.5	7.1	2	5.72	2610	1.74
3438-CF-11-06 603-628		0.12	1.94	8.23	3.7	710	4.66	0.81	1.35	0.29	76.8	9.5	2	8.46	2010	2.83
3438-CF-11-06 673-693		0.12	1.54	8.15	2.9	640	4.59	0.63	1.43	0.33	79.0	7.0	3	6.94	1685	2.30
3438-CF-11-06 860-868		0.12	0.56	8.02	0.9	1010	3.85	0.33	1.89	0.08	44.2	5.2	4	6.86	700	1.95
3438-CF-11-06 872.5-898		0.14	0.75	8.11	1.3	810	4.28	0.45	1.71	0.15	73.7	6.8	3	4.89	819	2.41
3438-CF-11-07 312-346.6		0.14	0.88	7.85	2.1	1160	2.49	0.67	1.56	0.22	32.4	5.8	5	5.88	1545	1.58
3438-CF-11-07 521.7-543		0.12	0.93	8.56	1.1	800	4.01	0.73	1.72	0.65	73.4	9.6	2	7.33	1400	3.59
3438-CF-11-07 966.8-996.8		0.14	1.17	8.38	0.9	780	3.47	0.57	1.75	0.10	67.5	11.0	2	7.70	1785	3.57
3438-CF-11-08 844.2-879.2		0.12	0.84	7.36	1.0	760	3.30	0.52	1.23	0.13	58.7	7.0	3	6.81	1245	2.58
3438-CF-11-08 1139.5-1179.5		0.14	0.37	7.00	0.9	530	3.24	0.64	1.62	0.42	32.9	3.6	4	4.84	334	0.81
3438-CF-11-08 365-405		0.14	1.23	8.25	1.2	840	3.83	0.78	1.42	0.11	71.9	7.1	2	8.12	1600	1.98
3438-CF-11-09 313-333		0.12	1.48	6.98	8.4	760	2.47	0.55	1.01	1.98	38.6	10.9	3	6.01	1690	4.87

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Project: 3438

CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-CV41 Hg ppm 0.01	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
3438-CF-11-01-B 15-43		20.9	0.16	1.3	<0.1	0.145	4.20	99.4	14.0	0.28	241	57.9	1.50	15.0	4.1	490
3438-CF-11-01-B 189-225		18.90	0.12	1.2	<0.1	0.089	4.02	32.0	16.0	0.37	284	74.3	1.48	11.6	4.0	480
3438-CF-11-01-B 268.8-292		20.9	0.18	0.9	<0.1	0.164	3.98	49.5	19.6	0.55	356	264	0.95	10.7	5.8	1080
3438-CF-11-01-B 465-480		24.4	0.16	1.0	<0.1	0.080	4.19	42.5	38.2	0.99	264	54.7	1.80	13.2	4.3	1410
3438-CF-11-01-B 575-610		17.80	0.16	0.8	<0.1	0.094	4.85	35.0	17.5	0.58	256	401	1.11	8.2	4.7	500
3438-CF-11-01-B 1005-1025		20.2	0.18	1.5	<0.1	0.027	4.43	38.7	14.6	0.41	178	57.2	2.58	14.5	3.3	480
3438-CF-11-02 0-27		23.8	0.22	1.3	<1	0.091	4.97	35.4	15.4	0.46	230	3.27	2.46	12.2	2.0	810
3438-CF-11-02 147-181		22.1	0.23	1.3	<0.1	0.065	4.41	36.2	10.6	0.61	530	3.30	2.94	14.6	2.5	850
3438-CF-11-02 367-408		22.4	0.23	1.1	<0.1	0.064	4.86	37.4	12.5	0.50	345	33.4	2.74	15.2	2.4	660
3438-CF-11-02 471-507		21.8	0.22	1.2	<0.1	0.066	4.62	39.9	15.7	0.46	280	5.20	2.62	15.6	2.6	650
3438-CF-11-02 609-625		20.7	0.22	1.3	<0.1	0.044	4.92	40.6	14.2	0.40	302	5.89	2.56	14.1	2.8	590
3438-CF-11-03 23.9-53.2		19.10	0.16	1.3	<0.1	0.043	3.43	21.0	17.0	0.38	192	4.69	2.50	8.7	4.0	480
3438-CF-11-03 243-276.5		17.95	0.22	1.1	<0.1	0.130	4.19	35.3	25.2	0.75	294	317	0.90	7.5	7.0	410
3438-CF-11-03 316.8-341.8		19.95	0.18	1.0	<0.1	0.177	4.54	36.6	29.2	0.83	229	159.0	1.52	8.7	6.3	600
3438-CF-11-03 497-521.7		16.95	0.17	1.2	<0.1	0.080	4.63	20.8	19.7	0.51	246	148.0	1.20	9.7	4.7	430
3438-CF-11-03 580.3-600.3		19.45	0.18	1.4	<0.1	0.042	4.98	30.2	13.2	0.35	206	44.3	1.82	14.5	3.3	460
3438-CF-11-03 836.8-851.8		20.8	0.20	1.2	0.02	0.021	4.22	31.0	16.6	0.36	228	15.70	2.63	13.6	3.4	470
3438-CF-11-03 922-949.5		18.20	0.20	0.9	0.01	0.077	5.09	28.6	16.3	0.35	332	13.20	1.47	11.3	4.0	2630
3438-CF-11-03 1049.5-1085.3		19.75	0.20	0.9	0.01	0.045	5.06	21.8	19.5	0.49	309	126.5	1.48	11.5	5.4	510
3438-CF-11-04 0-16.6		20.3	0.28	0.8	0.01	0.164	4.09	144.5	9.9	0.20	271	94.3	0.81	9.4	2.5	1020
3438-CF-11-04 168-203		21.9	0.22	0.8	0.01	0.145	5.15	37.0	16.6	0.49	222	146.5	2.25	13.1	3.1	740
3438-CF-11-04 464.8-504.8		21.1	0.22	1.8	<0.1	0.069	5.16	46.0	11.8	0.32	256	26.5	2.27	18.7	3.2	420
3438-CF-11-04 628-678		18.30	0.20	1.2	<0.1	0.066	5.16	40.8	12.6	0.34	337	332	1.37	15.9	2.0	450
3438-CF-11-05 35-60		20.5	0.21	1.4	0.01	0.096	4.78	32.3	22.9	0.49	252	62.1	2.43	15.1	4.6	510
3438-CF-11-05 760-780		19.50	0.22	1.3	<0.1	0.101	4.42	36.7	25.9	0.46	163	65.9	2.48	13.4	3.7	520
3438-CF-11-05 880-895		20.2	0.22	1.4	<0.1	0.037	3.94	36.8	26.1	0.54	237	32.2	2.91	14.3	3.1	540
3438-CF-11-06 6.4-19.4		21.5	0.25	1.4	<0.1	0.083	4.78	42.1	18.4	0.47	224	8.35	2.61	15.6	2.9	660
3438-CF-11-06 135.4-155.6		21.0	0.26	1.4	<0.1	0.065	4.91	42.1	14.3	0.35	233	13.05	2.36	14.9	3.2	500
3438-CF-11-06 418-443		19.75	0.22	1.3	<0.1	0.079	3.80	30.9	12.7	0.23	154	30.6	2.32	13.5	3.1	480
3438-CF-11-06 603-628		20.9	0.25	1.3	<0.1	0.073	4.59	40.0	23.8	0.37	188	11.95	2.32	15.3	3.2	480
3438-CF-11-06 673-693		21.0	0.23	1.3	<0.1	0.055	4.54	40.8	21.3	0.39	198	43.7	2.35	14.7	2.9	490
3438-CF-11-06 860-868		17.80	0.19	1.3	<0.1	0.022	3.71	23.1	22.1	0.45	192	14.65	2.56	10.3	3.3	470
3438-CF-11-06 872.5-898		20.3	0.24	1.6	<0.1	0.033	4.12	39.8	12.9	0.43	260	18.45	2.76	14.4	3.2	510
3438-CF-11-07 312-346.6		17.20	0.18	1.2	<0.1	0.055	4.56	18.2	14.6	0.21	169	42.9	2.06	5.6	2.6	330
3438-CF-11-07 521.7-543		22.4	0.26	1.0	0.01	0.135	4.35	37.4	15.0	0.54	344	12.05	2.82	12.2	2.2	790
3438-CF-11-07 966.8-996.8		21.4	0.27	1.1	<0.1	0.088	4.60	33.2	11.3	0.50	452	42.4	2.69	13.7	2.5	860
3438-CF-11-08 844.2-879.2		18.55	0.25	1.0	<0.1	0.033	4.41	27.1	15.0	0.35	272	53.5	2.14	12.4	3.7	640
3438-CF-11-08 1139.5-1179.5		15.85	0.18	0.8	<0.1	0.012	3.32	13.3	10.0	0.21	234	24.9	2.39	8.1	3.6	400
3438-CF-11-08 365-405		19.60	0.26	1.4	<0.1	0.051	4.74	37.3	24.3	0.37	212	118.0	2.38	12.8	3.5	530
3438-CF-11-09 313-333		19.95	0.25	1.1	<0.1	0.026	4.62	21.6	21.7	0.47	620	19.55	1.24	11.6	4.3	360

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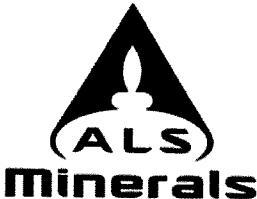
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CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm	ME-MS61 Rb ppm	ME-MS61 Re ppm	ME-MS61 S %	ME-MS61 Sb ppm	ME-MS61 Sc ppm	ME-MS61 Se ppm	ME-MS61 Sn ppm	ME-MS61 Sr ppm	ME-MS61 Ta ppm	ME-MS61 Te ppm	ME-MS61 Th ppm	ME-MS61 Ti %	ME-MS61 Tl ppm	ME-MS61 U ppm
3438-CF-11-01-B 15-43		16.9	229	0.329	1.55	0.75	4.3	5	4.0	353	1.05	0.50	23.9	0.167	2.10	9.6
3438-CF-11-01-B 189-225		28.7	237	0.075	1.16	0.48	4.4	4	2.8	353	0.81	0.30	21.1	0.158	1.79	8.2
3438-CF-11-01-B 268.8-292		20.1	237	0.188	2.74	0.43	5.2	8	3.2	315	0.69	2.99	22.1	0.168	1.99	6.5
3438-CF-11-01-B 465-480		10.3	271	0.071	1.44	0.29	4.8	4	3.9	425	0.85	0.20	23.6	0.213	2.18	5.8
3438-CF-11-01-B 575-610		16.2	289	0.486	2.10	0.35	3.2	5	2.3	292	0.68	0.37	23.2	0.133	2.02	7.5
3438-CF-11-01-B 1005-1025		13.2	274	0.103	0.50	0.16	4.1	2	4.1	680	1.11	0.08	21.9	0.194	1.49	6.2
3438-CF-11-02-0-27		18.8	300	0.003	1.81	0.21	6.5	3	6.4	592	0.87	7.49	18.7	0.232	2.32	5.0
3438-CF-11-02 147-181		16.3	262	0.003	0.78	0.12	7.3	2	5.0	834	0.98	0.16	18.3	0.283	1.67	5.6
3438-CF-11-02 367-408		14.4	288	0.008	1.08	0.12	6.1	3	4.8	664	1.07	0.16	20.8	0.238	1.81	6.2
3438-CF-11-02 471-507		86.3	277	0.003	1.23	0.18	5.6	3	4.9	604	1.16	0.39	23.2	0.221	1.97	6.8
3438-CF-11-02 609-625		21.0	309	0.006	1.20	0.32	4.9	3	4.4	547	1.09	0.12	29.2	0.188	2.22	9.8
3438-CF-11-03 23.9-53.2		13.1	180.0	0.004	0.74	0.25	3.9	2	3.2	592	0.62	0.52	11.5	0.147	1.30	3.6
3438-CF-11-03 243-276.5		54.6	245	0.840	2.68	0.90	5.8	6	3.9	349	0.52	0.46	17.4	0.138	1.77	4.7
3438-CF-11-03 316.8-341.8		17.5	327	0.364	1.76	0.32	5.9	6	4.9	401	0.61	0.99	17.8	0.156	1.91	5.9
3438-CF-11-03 497-521.7		20.4	271	0.180	1.29	0.32	4.0	3	3.0	352	0.74	0.32	19.4	0.137	1.90	5.4
3438-CF-11-03 580.3-600.3		16.8	299	0.050	0.58	0.28	4.0	2	3.9	438	1.14	0.16	27.2	0.174	1.98	10.4
3438-CF-11-03 836.8-851.8		15.1	245	0.020	0.64	0.14	4.0	2	3.2	623	1.09	0.06	22.9	0.185	1.46	6.8
3438-CF-11-03 922-949.5		23.8	283	0.031	0.66	0.32	3.5	2	3.0	317	0.90	0.13	20.8	0.150	1.87	5.1
3438-CF-11-03 1049.5-1085.3		22.4	306	0.152	0.94	0.25	6.9	3	2.8	341	0.84	0.15	23.0	0.164	1.80	7.1
3438-CF-11-04 0-16.6		16.1	174.0	0.022	0.04	0.46	5.3	3	4.1	356	0.63	1.23	20.6	0.179	2.35	7.6
3438-CF-11-04 168-203		14.8	280	0.129	0.98	0.24	5.9	4	5.4	558	0.83	0.40	16.9	0.225	2.07	4.7
3438-CF-11-04 464.8-504.8		17.7	308	0.022	0.58	0.21	3.9	3	4.1	361	1.43	0.18	29.6	0.175	1.96	8.3
3438-CF-11-04 628-678		38.9	277	0.178	0.53	0.26	4.1	3	3.5	312	1.14	0.15	26.0	0.163	1.80	5.8
3438-CF-11-05 35-60		23.5	262	0.066	0.65	0.26	4.2	3	4.1	567	1.13	0.27	24.9	0.189	1.76	8.0
3438-CF-11-05 760-780		14.7	265	0.077	0.78	0.15	4.5	3	4.2	532	0.95	0.18	23.0	0.182	1.58	5.5
3438-CF-11-05 880-895		13.0	224	0.034	0.58	0.13	4.5	2	4.5	791	1.05	0.11	21.8	0.198	1.38	5.6
3438-CF-11-06 6.4-19.4		30.3	289	0.029	1.22	0.17	5.7	3	5.4	544	1.18	0.30	27.3	0.217	2.09	8.5
3438-CF-11-06 135.4-155.6		16.4	305	0.019	1.23	0.28	4.5	3	4.3	425	1.16	0.18	29.3	0.170	2.00	10.0
3438-CF-11-06 418-443		14.6	249	0.050	1.04	0.29	4.0	4	3.6	316	0.96	0.39	23.8	0.162	1.68	5.9
3438-CF-11-06 603-628		16.2	289	0.009	1.35	0.23	4.1	4	4.0	510	1.09	0.24	26.5	0.189	1.87	6.8
3438-CF-11-06 673-693		15.4	290	0.015	0.96	0.20	4.3	3	3.6	503	1.12	0.16	26.2	0.184	1.99	6.7
3438-CF-11-06 860-868		10.0	228	0.018	0.48	0.13	4.3	2	3.4	595	0.76	0.07	15.5	0.165	1.38	4.7
3438-CF-11-06 872.5-898		13.9	227	0.015	0.62	0.14	4.3	2	3.5	782	1.07	0.08	22.1	0.206	1.50	6.4
3438-CF-11-07 312-346.6		14.0	236	0.049	0.89	0.26	2.8	2	1.6	317	0.42	0.21	9.0	0.104	1.35	3.9
3438-CF-11-07 521.7-543		14.6	260	0.008	1.01	0.15	6.7	3	4.8	628	0.79	0.19	16.7	0.252	1.65	4.8
3438-CF-11-07 966.8-996.8		13.0	253	0.036	0.54	0.13	6.7	3	4.4	742	0.87	0.14	16.5	0.279	1.71	4.1
3438-CF-11-08 844.2-879.2		11.8	250	0.071	0.99	0.14	4.0	2	3.2	423	0.90	0.11	22.6	0.162	1.39	5.5
3438-CF-11-08 1139.5-1179.5		40.3	177.0	0.023	0.35	0.19	2.4	1	1.7	327	0.57	0.05	14.2	0.119	1.03	3.2
3438-CF-11-08 365-405		13.4	245	0.191	0.91	0.18	4.2	3	4.0	500	0.90	0.19	23.6	0.178	1.57	5.6
3438-CF-11-09 313-333		121.5	233	0.092	1.27	0.48	7.4	3	1.8	254	0.96	0.18	28.1	0.152	1.70	6.4

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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm
3438-CF-11-01-B 15-43		30	9.5	23.0	88	37.3
3438-CF-11-01-B 189-225		39	7.4	17.2	94	31.0
3438-CF-11-01-B 268.8-292		70	12.2	20.9	157	21.4
3438-CF-11-01-B 465-480		50	7.4	26.8	63	23.5
3438-CF-11-01-B 575-610		42	8.0	14.4	134	19.7
3438-CF-11-01-B 1005-1025		31	5.1	25.7	27	39.8
3438-CF-11-02 0-27		54	45.0	24.7	38	22.5
3438-CF-11-02 147-181		58	11.3	29.9	41	24.6
3438-CF-11-02 367-408		45	15.3	30.0	41	20.6
3438-CF-11-02 471-507		43	27.3	27.7	183	22.3
3438-CF-11-02 609-625		37	22.2	23.9	53	26.4
3438-CF-11-03 23.9-53.2		29	6.1	14.6	25	33.0
3438-CF-11-03 243-276.5		37	10.7	12.7	116	31.6
3438-CF-11-03 316.8-341.8		46	9.9	15.0	90	29.5
3438-CF-11-03 497-521.7		30	8.6	15.2	87	34.5
3438-CF-11-03 580.3-600.3		31	7.8	22.6	49	37.9
3438-CF-11-03 836.8-851.8		36	4.7	24.9	29	30.0
3438-CF-11-03 922-949.5		39	8.7	25.6	281	21.6
3438-CF-11-03 1049.5-1085.3		51	9.1	18.9	99	21.8
3438-CF-11-04 0-16.6		61	13.9	23.0	56	16.5
3438-CF-11-04 168-203		42	6.7	27.3	36	16.3
3438-CF-11-04 464.8-504.8		26	6.5	27.6	34	49.7
3438-CF-11-04 628-678		28	8.7	22.5	48	31.0
3438-CF-11-05 35-60		34	5.4	25.3	36	36.5
3438-CF-11-05 760-780		30	8.6	25.1	34	38.0
3438-CF-11-05 880-895		34	7.8	25.6	29	39.7
3438-CF-11-06 6.4-19.4		41	12.2	28.7	33	27.6
3438-CF-11-06 135.4-155.6		29	11.0	22.4	20	33.1
3438-CF-11-06 418-443		27	9.0	21.3	36	38.5
3438-CF-11-06 603-628		32	8.5	24.7	41	28.6
3438-CF-11-06 673-693		33	8.4	24.8	44	28.8
3438-CF-11-06 860-868		29	11.3	19.8	27	37.6
3438-CF-11-06 872.5-898		35	9.7	26.6	31	46.1
3438-CF-11-07 312-346.6		21	9.4	8.7	31	38.2
3438-CF-11-07 521.7-543		55	7.4	25.6	66	18.4
3438-CF-11-07 966.8-996.8		61	7.9	26.6	42	19.3
3438-CF-11-08 844.2-879.2		33	6.7	22.9	29	25.0
3438-CF-11-08 1139.5-1179.5		16	8.5	13.8	52	25.1
3438-CF-11-08 365-405		32	9.8	22.5	30	45.2
3438-CF-11-09 313-333		81	5.1	16.1	235	29.4

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	ME-MS61 Ag kg	ME-MS61 Al ppm	ME-MS61 As %	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
3438-CF-11-09 495.5-528.5		0.12	0.59	7.41	2.0	760	2.64	1.29	0.90	0.37	56.7	5.4	3	7.76	1040	2.85
3438-CF-11-09 688-718		0.12	0.95	7.08	0.5	750	2.26	0.53	1.03	0.09	45.1	8.1	3	8.29	1625	2.45
3438-CF-11-09 923-953		0.12	0.36	7.84	0.4	870	2.89	0.28	1.08	0.11	68.4	3.3	3	5.69	613	1.59
3438-CF-11-09 1097.8-1125		0.12	0.52	7.64	<0.2	700	3.22	0.31	0.88	0.06	72.9	3.9	2	5.91	1040	1.53
3438-CF-11-09 588-628		0.12	0.63	7.23	<0.2	730	2.70	0.30	1.32	0.08	51.6	5.5	3	9.82	1410	2.23
3438-CF-11-10-B 565.1-585		0.14	1.61	7.59	3.9	800	2.55	0.56	1.35	0.91	60.5	16.7	3	11.30	1475	2.92
3438-CF-11-10-B 651-688		0.12	1.23	7.36	0.8	880	2.28	0.61	1.32	0.68	50.5	3.7	4	7.94	1425	1.97
3438-CF-11-10-B 829-862		0.14	1.51	6.48	3.7	840	1.71	0.65	1.03	0.90	41.2	12.0	4	5.39	1680	2.69
3438-CF-11-10-B 1000-1035		0.14	0.82	7.06	0.6	970	2.12	0.61	1.30	0.85	45.1	6.1	4	9.60	1195	1.94
3438-CF-11-10-B 1090-1129.2		0.12	0.77	7.45	<0.2	980	2.24	0.82	1.21	0.05	53.6	5.8	4	7.61	1265	1.80
3438-CF-11-11 322.2-351		0.14	0.33	6.93	<0.2	820	2.21	0.38	0.82	0.03	38.3	6.4	2	7.54	957	2.79
3438-CF-11-11 435.2-461.5		0.12	0.35	7.63	<0.2	1090	2.02	0.28	1.51	0.04	24.0	3.2	7	6.91	869	1.50
3438-CF-11-11 578-608		0.12	0.32	6.71	<0.2	930	1.95	0.23	0.78	0.08	43.1	4.8	3	5.57	917	1.69
3438-CF-11-11 664.2-700.1		0.12	0.47	7.70	<0.2	610	3.87	0.37	0.90	0.09	80.3	3.3	5	7.79	804	1.84
3438-CF-11-11 828-860		0.12	0.47	7.97	0.4	690	4.81	0.27	0.95	0.07	87.1	3.7	5	11.35	899	1.70
3438-CF-11-12 504-541		0.12	0.78	7.86	0.3	590	3.69	1.45	0.70	0.06	84.0	5.0	4	7.90	1355	1.85
3438-CF-11-12 718-753		0.12	0.93	7.96	0.8	550	4.13	0.58	1.38	0.09	84.1	5.2	4	10.05	1260	1.98
3438-CF-11-12 873.5-905		0.12	0.68	8.40	1.0	680	4.34	0.55	1.43	0.05	91.7	4.9	4	9.10	863	2.36
3438-CF-11-14 0-14		0.12	0.74	8.26	0.7	700	3.60	0.79	1.67	0.19	78.5	8.1	4	7.54	1215	2.04
3438-CF-11-14 28.3-51		0.12	0.71	8.15	0.8	700	3.39	0.53	1.95	0.13	46.4	6.4	3	6.91	1530	1.76
3438-CF-11-14 431-471.1		0.12	1.42	8.12	0.5	750	3.93	0.57	1.83	0.13	74.2	6.9	3	7.40	1795	2.27
3438-CF-11-14 806-829.5		0.12	2.32	7.38	0.7	700	3.15	2.19	2.52	0.14	58.5	7.5	3	6.66	1770	2.47

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CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	Hg-CV41 Hg ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
3438-CF-11-09 495.5-528.5		19.10	0.17	1.2	<0.01	0.024	5.37	27.7	13.7	0.41	274	15.35	1.89	12.9	3.6	480
3438-CF-11-09 688-718		17.35	0.17	1.2	<0.01	0.035	4.66	20.7	11.9	0.36	237	19.25	1.89	10.9	3.9	450
3438-CF-11-09 923-953		19.25	0.18	1.8	<0.01	0.016	5.69	33.1	12.7	0.32	240	4.66	2.34	15.5	2.3	420
3438-CF-11-09 1097.8-1125		19.30	0.19	1.3	<0.01	0.029	5.29	37.4	8.4	0.24	174	43.2	2.09	15.2	2.0	420
3438-CF-11-09 588-628		18.60	0.17	1.4	<0.01	0.030	5.08	23.4	14.5	0.44	277	17.25	1.78	12.2	3.4	550
3438-CF-11-10-B 565.1-585		19.25	0.19	1.1	<0.01	0.051	5.53	32.1	27.6	0.72	335	588	1.63	11.5	4.0	630
3438-CF-11-10-B 651-688		17.00	0.16	1.1	<0.01	0.050	5.17	27.5	20.6	0.45	266	22.7	1.63	9.3	3.9	740
3438-CF-11-10-B 829-862		16.05	0.17	0.9	<0.01	0.046	4.65	21.0	19.7	0.42	262	28.9	1.43	7.9	3.7	560
3438-CF-11-10-B 1000-1035		17.25	0.17	1.0	<0.01	0.038	4.41	21.5	18.4	0.36	239	26.9	1.79	8.6	3.4	420
3438-CF-11-10-B 1090-1129.2		17.65	0.19	1.1	<0.01	0.037	5.42	25.4	20.4	0.33	251	83.3	1.74	9.4	3.2	580
3438-CF-11-11 322.2-351		18.35	0.17	1.7	<0.01	0.018	5.82	19.1	14.0	0.40	289	4.36	1.38	10.5	3.7	410
3438-CF-11-11 435.2-461.5		17.85	0.16	1.5	<0.01	0.015	5.07	12.0	19.8	0.21	231	17.85	2.06	5.4	3.2	330
3438-CF-11-11 578-608		17.85	0.15	1.1	0.01	0.021	6.02	20.4	10.6	0.52	279	5.64	1.40	12.2	5.1	530
3438-CF-11-11 664.2-700.1		19.70	0.21	1.7	<0.01	0.026	5.29	40.8	9.8	0.28	231	6.98	2.32	15.8	3.0	380
3438-CF-11-11 828-860		20.2	0.23	1.5	<0.01	0.024	5.30	44.3	13.2	0.29	230	88.7	2.61	17.7	3.2	470
3438-CF-11-12 504-541		19.80	0.21	1.5	<0.01	0.050	5.31	44.5	8.9	0.28	224	28.9	2.29	15.7	3.1	440
3438-CF-11-12 718-753		20.0	0.23	1.7	<0.01	0.039	5.11	44.3	16.2	0.29	332	137.0	2.24	17.0	2.7	420
3438-CF-11-12 873.5-905		21.5	0.21	1.6	<0.01	0.042	5.04	48.3	12.3	0.32	322	1355	2.68	18.1	3.2	500
3438-CF-11-14 0-14		19.10	0.21	2.2	<0.01	0.029	4.11	40.4	17.6	0.30	121	13.95	2.29	7.9	2.5	490
3438-CF-11-14 28.3-51		18.05	0.18	2.2	<0.01	0.037	4.10	22.9	12.2	0.28	177	53.1	2.34	7.2	2.9	510
3438-CF-11-14 431-471.1		20.3	0.21	1.5	<0.01	0.058	4.42	37.3	13.5	0.30	195	29.8	2.37	14.5	2.2	470
3438-CF-11-14 806-829.5		18.05	0.19	1.0	<0.01	0.074	4.45	29.2	16.9	0.36	277	976	1.80	11.0	2.8	450

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CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	ME-MS61 Pb	ME-MS61 Rb	ME-MS61 Re	ME-MS61 S	ME-MS61 Sb	ME-MS61 Sc	ME-MS61 Se	ME-MS61 Sn	ME-MS61 Sr	ME-MS61 Ta	ME-MS61 Te	ME-MS61 Th	ME-MS61 Ti	ME-MS61 Tl	ME-MS61 U
		ppm	ppm	ppm	%	ppm	%	ppm	ppm							
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
3438-CF-11-09 495.5-528.5		19.7	274	0.028	0.69	0.23	4.7	3	2.8	321	1.03	0.10	25.9	0.171	1.64	5.6
3438-CF-11-09 688-718		15.2	244	0.027	0.80	0.19	4.0	3	2.7	307	0.88	0.23	17.2	0.162	1.29	3.8
3438-CF-11-09 923-953		13.1	241	0.007	0.22	0.13	3.3	2	2.9	456	1.25	0.08	23.0	0.184	1.20	5.8
3438-CF-11-09 1097.8-1125		12.7	237	0.030	0.30	0.14	3.4	2	2.8	397	1.20	0.11	24.0	0.177	1.32	3.6
3438-CF-11-09 588-628		12.2	267	0.022	0.43	0.18	4.8	2	2.8	300	0.98	0.10	20.0	0.171	1.37	5.1
3438-CF-11-10-B 565.1-585		51.1	318	0.782	1.21	0.29	4.4	3	2.9	293	0.92	0.16	28.0	0.166	1.83	5.6
3438-CF-11-10-B 651-688		34.4	287	0.023	0.56	0.18	3.4	3	2.8	326	0.71	0.21	27.4	0.153	1.58	5.5
3438-CF-11-10-B 829-862		20.1	243	0.045	1.02	0.17	3.5	4	2.1	309	0.60	0.21	45.1	0.132	1.34	11.5
3438-CF-11-10-B 1000-1035		17.9	241	0.039	0.71	0.18	3.5	2	2.5	381	0.63	0.19	16.4	0.139	1.33	4.0
3438-CF-11-10-B 1090-1129.2		12.9	286	0.178	0.64	0.19	3.6	3	2.6	346	0.73	0.18	20.8	0.145	1.57	4.8
3438-CF-11-11 322.2-351		11.2	266	0.005	0.33	0.19	4.3	2	2.0	250	0.88	0.21	23.9	0.150	1.27	4.1
3438-CF-11-11 435.2-461.5		7.2	197.0	0.014	0.54	0.19	2.6	2	1.2	341	0.41	0.09	7.2	0.109	0.92	2.8
3438-CF-11-11 578-608		11.7	247	0.009	0.18	0.15	3.6	2	1.9	268	1.04	0.06	23.6	0.162	1.19	4.4
3438-CF-11-11 664.2-700.1		14.8	264	0.008	0.34	0.14	3.6	2	3.4	361	1.25	0.17	29.7	0.168	1.37	7.0
3438-CF-11-11 828-860		14.6	272	0.073	0.28	0.15	4.0	3	2.8	453	1.37	0.08	28.8	0.197	1.80	7.3
3438-CF-11-12 504-541		17.4	312	0.025	0.52	0.20	3.7	3	3.4	381	1.22	0.14	29.2	0.175	1.72	6.9
3438-CF-11-12 718-753		16.6	306	0.120	0.75	0.23	3.8	3	3.8	351	1.27	0.18	30.0	0.178	1.75	8.0
3438-CF-11-12 873.5-905		17.9	306	0.452	0.70	0.21	4.3	4	4.3	502	1.36	0.21	27.9	0.212	1.79	6.7
3438-CF-11-14 0-14		14.9	228	0.044	1.78	0.20	4.0	6	4.1	485	0.58	0.24	20.0	0.128	1.68	6.0
3438-CF-11-14 28.3-51		12.1	215	0.313	1.47	0.25	3.9	5	3.2	398	0.51	0.12	17.3	0.119	1.66	5.7
3438-CF-11-14 431-471.1		12.0	241	0.057	1.13	0.21	3.9	4	4.8	480	1.06	0.15	20.0	0.188	1.57	6.1
3438-CF-11-14 806-829.5		14.2	243	0.234	1.50	0.24	3.5	5	3.7	452	0.83	1.06	18.7	0.163	1.51	4.3

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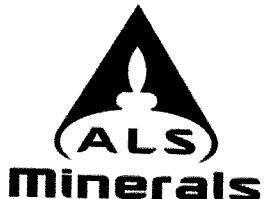
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CERTIFICATE OF ANALYSIS RE12007978

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm	ME- MS61 W ppm	ME- MS61 Y ppm	ME- MS61 Zn ppm	ME- MS61 Zr ppm
3438-CF-11-09 495.5-528.5		49	4.3	21.3	50	29.6
3438-CF-11-09 688-718		45	7.5	17.3	33	33.9
3438-CF-11-09 923-953		31	4.9	26.3	34	42.9
3438-CF-11-09 1097.8-1125		30	7.2	24.7	28	27.8
3438-CF-11-09 588-628		46	6.2	20.7	36	36.2
3438-CF-11-10-B 565.1-585		39	5.0	21.5	131	27.9
3438-CF-11-10-B 651-688		36	6.2	19.4	101	27.7
3438-CF-11-10-B 829-862		45	8.3	17.3	97	23.6
3438-CF-11-10-B 1000-1035		34	7.0	15.4	62	27.1
3438-CF-11-10-B 1090-1129.2		31	8.5	18.7	29	29.5
3438-CF-11-11 322.2-351		55	3.7	17.5	36	49.1
3438-CF-11-11 435.2-461.5		25	6.0	8.2	25	43.9
3438-CF-11-11 578-608		44	4.2	19.1	36	27.6
3438-CF-11-11 664.2-700.1		30	5.8	25.6	31	41.1
3438-CF-11-11 828-860		29	3.7	29.6	27	35.0
3438-CF-11-12 504-541		27	9.2	25.9	26	36.2
3438-CF-11-12 718-753		29	11.2	27.1	31	39.0
3438-CF-11-12 873.5-905		35	7.8	29.0	32	32.7
3438-CF-11-14 0-14		31	6.5	17.5	26	64.5
3438-CF-11-14 28.3-51		31	8.4	12.2	22	64.9
3438-CF-11-14 431-471.1		32	10.2	23.7	30	36.3
3438-CF-11-14 806-829.5		31	13.2	21.9	27	21.8

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CERTIFICATE OF ANALYSIS RE12007978

Method	CERTIFICATE COMMENTS
ME- MS61	Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown.
ME- MS61	REE's may not be totally soluble in this method.
Hg- CV41	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.



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CERTIFICATE RE11179032

Project: 3438

P.O. No.:

This report is for 1 Crushed Rock sample submitted to our lab in Reno, NV, USA on
6- SEP- 2011.

The following have access to data associated with this certificate:

CHRISTINE DEBURLE

JACK MCPARTLAND

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

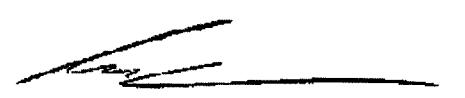
ALS CODE	DESCRIPTION	
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/AAS	FIMS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available

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ATTN: JACK MCPARTLAND
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	ME-MS61 Ag kg	ME-MS61 Al ppm	ME-MS61 As %	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
3438-01-Copper Flat		0.14	1.06	7.14	4.2	740	3.23	0.65	1.59	0.73	56.9	8.0	16	8.28	686	2.55

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CERTIFICATE OF ANALYSIS RE11179032

Sample Description	Method Analyte Units LOR	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- CV41 Hg ppm 0.01	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo % 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
3438- 01- Copper Flat		20.4	0.20	1.0	0.05	0.040	4.95	27.7	21.1	0.45	451	18.80	1.64	12.4	12.4	600

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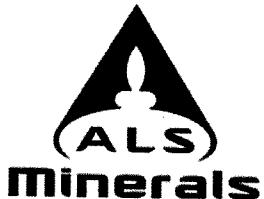
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CERTIFICATE OF ANALYSIS RE11179032

Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
3438- 01- Copper Flat		55.8	270	0.020	0.78	0.74	5.5	3	3.7	356	0.86	0.23	22.3	0.177	1.78	6.0

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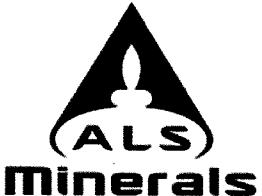
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CERTIFICATE OF ANALYSIS RE11179032

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
3438- 01- Copper Flat		46	9.8	21.1	108	25.5

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CERTIFICATE OF ANALYSIS RE11179032

Method	CERTIFICATE COMMENTS
ME- MS61	REE's may not be totally soluble in this method.

Acid Base Accounting Results

McClelland Laboratories Reports

Table . - Modified Acid/Base Accounting (Mod ABA) Static ARD Potential Test Results,
Copper Flat Project Samples

Sample	Sulfur, weight percent (as S)								kg H ₂ SO ₄ /ton			Sulfur, weight percent (as S) - HCl Wash				
	Paste pH	Total	SO ₄	Pyritic S ^a	Non-extractable Sulfur	Non-Sulfate Sulfur	AGP ^b	ANP	NNP	Ratio	NAG pH	NAG @pH 4.5	NAG @pH 7	SO ₄	Pyritic S ^c	Non Sulfate S
SRK 0854	4.80	1.33	0.39	0.88	0.06	0.94	27.5	6.0	-21.5	0.22	3.77	0.780	10.2	0.67	0.60	0.66
SRK 0855	6.41	1.21	0.36	0.85	<0.01	0.85	26.6	6.4	-20.2	0.24	3.00	6.27	2.74	0.26	0.95	0.95
SRK 0856	4.42	2.29	0.72	1.57	<0.01	1.57	49.1	0.5	-48.6	0.01	2.28	33.5	4.90	1.00	1.29	1.29
SRK 0857	7.19	0.84	0.24	0.59	0.01	0.60	18.4	6.9	-11.5	0.38	8.45	N/A	N/A	0.39	0.44	0.45
SRK 0858	4.91	0.92	0.30	0.62	<0.01	0.62	19.4	4.1	-15.3	0.21	3.15	6.08	3.14	0.24	0.68	0.68
SRK 0859	4.49	2.21	0.50	1.71	<0.01	1.71	53.4	1.4	-52.0	0.03	2.26	38.6	5.29	0.60	1.61	1.61
SRK 0860	5.55	3.43	0.91	2.52	<0.01	2.52	78.8	4.6	-74.2	0.06	2.26	33.1	3.14	0.08	3.35	3.35
SRK 0861	6.12	0.54	0.29	0.24	0.01	0.25	7.5	6.0	-1.5	0.80	5.39	N/A	N/A	0.28	0.25	0.27
SRK 0862	7.62	0.01	0.01	<0.01	<0.01	<0.01	<0.3	79.1	79.1	>263.7	10.06	N/A	N/A	<0.01	0.02	0.02
SRK 0864	7.59	<0.01	<0.01	<0.01	<0.01	<0.01	<0.3	24.4	24.4	>81.3	8.29	N/A	N/A	<0.01	<0.01	<0.01
SRK 0865	8.40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.3	23.9	23.9	>79.7	7.15	N/A	N/A	<0.01	<0.01	<0.01
SRK 0866	7.70	0.35	0.06	0.29	<0.01	0.29	9.1	21.6	12.5	2.37	3.23	2.35	2.55	0.07	0.28	0.28
SRK 0867	6.46	1.10	0.32	0.77	0.01	0.78	24.1	6.4	-17.7	0.27	4.35	N/A	N/A	0.53	0.56	0.57
SRK 0868	6.60	0.33	0.16	0.17	<0.01	0.17	5.3	8.3	3.0	1.57	4.43	N/A	N/A	0.21	0.12	0.12
SRK 0869	7.17	1.16	0.35	0.81	<0.01	0.81	25.3	12.4	-12.9	0.49	5.26	N/A	N/A	0.66	0.50	0.50
SRK 0870	6.10	0.20	0.17	0.03	<0.01	0.03	0.9	9.6	8.7	10.67	7.32	N/A	N/A	0.18	0.02	0.02
SRK 0871	7.09	0.01	<0.01	0.01	<0.01	0.01	0.3	8.3	8.0	27.67	7.64	N/A	N/A	<0.01	0.01	0.01
SRK 0872	6.29	1.76	0.71	1.05	<0.01	1.05	32.8	19.8	-13.0	0.60	3.14	4.70	4.12	0.58	1.18	1.18
SRK 0873	7.57	1.63	0.33	1.30	<0.01	1.30	40.6	32.2	-8.4	0.79	9.17	N/A	N/A	0.44	1.19	1.19
SRK 0874	8.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.3	25.3	25.3	>84.3	7.31	N/A	N/A	<0.01	<0.01	<0.01
SRK 0875	8.01	1.23	0.47	0.76	<0.01	0.76	23.8	25.4	1.6	1.07	8.55	N/A	N/A	0.53	0.70	0.70
SRK 0876	7.88	1.30	0.52	0.78	<0.01	0.78	24.4	17.1	-7.3	0.70	9.01	N/A	N/A	0.46	0.84	0.84
SRK 0877	8.17	0.01	0.01	<0.01	<0.01	<0.01	<0.3	303	303	<1,010.0	9.70	N/A	N/A	0.01	<0.01	0.01
SRK 0878	8.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.3	472	472	<1,573.3	10.93	N/A	N/A	<0.01	<0.01	<0.01
604552	8.26	0.61	0.20	0.41	<0.01	0.41	12.8	8.3	-4.5	0.65	3.65	0.880	5.88	0.24	0.37	0.37
604562	7.97	1.89	0.35	1.53	0.01	1.54	47.8	16.2	-31.6	0.34	7.75	N/A	N/A	0.68	1.20	1.21
604568	8.20	1.28	0.28	1.00	<0.01	1.00	31.3	22.7	-8.6	0.73	8.47	N/A	N/A	0.54	0.74	0.74
604569	8.30	1.34	0.29	1.05	<0.01	1.05	32.8	18.0	-14.8	0.55	8.33	N/A	N/A	0.44	0.90	0.90
604571	8.27	1.21	0.34	0.88	<0.01	0.88	27.5	18.5	-9.0	0.67	7.75	N/A	N/A	0.48	0.73	0.73
604601	8.19	1.04	0.36	0.68	<0.01	0.68	21.3	22.2	0.9	1.04	8.49	N/A	N/A	0.47	0.57	0.57
604606	7.98	0.97	0.29	0.67	<0.01	0.67	20.9	23.6	2.7	1.13	9.60	N/A	N/A	0.38	0.59	0.59
604638	7.82	1.31	0.36	0.93	0.02	0.95	29.1	38.8	9.7	1.33	8.63	N/A	N/A	0.64	0.65	0.67
604639	7.60	1.10	0.25	0.74	0.11	0.85	23.1	77.4	54.3	3.35	8.71	N/A	N/A	0.48	0.51	0.62
604653	8.09	1.07	0.30	0.77	<0.01	0.77	24.1	26.4	2.3	1.10	8.38	N/A	N/A	0.45	0.62	0.62
604656	7.93	0.81	0.21	0.59	0.01	0.60	18.4	51.8	33.4	2.82	8.20	N/A	N/A	0.33	0.46	0.48
604657	8.11	0.92	0.25	0.67	<0.01	0.67	20.9	31.9	11.0	1.53	8.64	N/A	N/A	0.36	0.56	0.56
604669	8.07	0.97	0.32	0.63	0.01	0.65	19.7	3.2	-16.5	0.16	4.08	N/A	N/A	0.50	0.45	0.47
604672	8.25	0.57	0.23	0.34	<0.01	0.34	10.6	3.2	-7.4	0.30	3.76	1.18	3.92	0.24	0.33	0.33
604673	8.10	0.60	0.19	0.41	<0.01	0.41	12.8	6.9	-5.9	0.54	3.66	1.37	3.92	0.25	0.35	0.35
604675	8.50	0.55	0.20	0.36	<0.01	0.36	11.3	6.5	-4.8	0.58	3.63	1.57	4.31	0.21	0.34	0.34
604695	8.39	0.88	0.40	0.45	0.03	0.48	14.1	32.4	18.3	2.30	8.63	N/A	N/A	0.36	0.50	0.53
604734	8.59	0.36	0.14	0.21	0.01	0.22	6.6	25.0	18.4	3.79	9.13	N/A	N/A	0.14	0.21	0.22
604755	7.86	1.01	0.29	0.67	0.04	0.72	20.9	18.5	-2.4	0.89	8.44	N/A	N/A	0.43	0.54	0.58
604767	7.88	2.95	0.72	2.13	0.10	2.23	66.6	16.7	-49.9	0.25	3.21	4.76	12.5	0.84	2.01	2.11
604787	8.02	1.45	0.30	0.97	0.18	1.15	30.3	30.1	-0.2	0.99	8.00	N/A	N/A	0.53	0.74	0.92
604790	8.21	1.62	0.38	1.15	0.09	1.24	35.9	28.7	-7.2	0.80	8.68	N/A	N/A	0.63	0.90	0.99
604804	8.22	1.51	0.31	1.18	0.02	1.20	36.9	19.9	-17.0	0.54	8.35	N/A	N/A	0.48	1.01	1.03
604811	7.93	1.71	0.53	1.15	0.03	1.18	35.9	32.0	-3.9	0.89	8.42	N/A	N/A	0.49	1.19	1.22
604849	8.06	1.26	0.43	0.81	0.02	0.83	25.3	49.6	24.3	1.96	8.24	N/A	N/A	0.34	0.90	0.92
604854	8.15	1.86	0.42	1.40	0.04	1.44	43.8	23.2	-20.6	0.53	5.08	N/A	N/A	0.88	0.94	0.98
604862	8.04	1.56	0.28	1.16	0.12	1.28	36.3	39.8	3.5	1.10	8.28	N/A	N/A	0.82	0.62	0.74
604867	8.03	3.31	0.65	2.34	0.32	2.66	73.1	26.9	-46.2	0.37	4.24	N/A	N/A	1.27	1.72	2.04
604880	8.65	0.64	0.18	0.43	0.02	0.46	13.4	21.3	7.9	1.59	9.37	N/A	N/A	0.23	0.39	0.41
604889	8.34	1.12	0.31	0.77	0.04	0.81	24.1	32.9	8.8	1.37	8.44	N/A	N/A	0.44	0.64	0.68
604898	8.44	1.03	0.19	0.79	0.04	0.84	24.7	39.8	15.1	1.61	8.64	N/A	N/A	0.37	0.62	0.66
605001	7.77	2.50	0.33	2.08	0.09	2.17	65.0	10.7	-54.3	0.16	2.75	10.1	15.7	1.15	1.26	1.35
605013	8.07	2.83	0.24	2.52	0.07	2.59	78.8	36.1	-42.7	0.46	7.91	N/A	N/A	0.72	2.04	2.11
605033	8.17	1.25	0.33	0.90	0.03	0.92	28.1	29.2	1.1	1.04	8.30	N/A	N/A	0.52	0.70	0.73
605039	8.28	1.51	0.19	1.30	0.02	1.32	40.6	24.1	-16.5	0.59	8.44	N/A	N/A	0.56	0.93	0.95
605078	8.28	2.03	0.25	1.75	0.03	1.78	54.7	38.4	-16.3	0.70	9.17	N/A	N/A	0.45	1.55	1.58
605109	8.43	0.84	0.24	0.58	0.02	0.59	18.1	34.0	15.9	1.88	8.41	N/A	N/A	0.30	0.52	0.54
605143	8.30	0.83	0.13	0.68	0.02	0.70	21.3	32.5	11.2	1.53	8.30	N/A	N/A	0.31	0.50	0.52
605152	8.48	0.51	0.04	0.45	0.02	0.47	14.1	45.0	30.9	3.19	8.16	N/A	N/A	0.14	0.36	0.38
605153	8.60	0.62	0.13	0.49	<0.01	0.49	15.3	42.0	26.7	2.75	8.56	N/A	N/A	0.17	0.45	0.45
605154	8.47	0.54	0.13	0.41	<0.01	0.41	12.8	37.5	24.7	2.93	8.40	N/A	N/A	0.20	0.34	0.34
605175	8.68	0.49	0.09	0.38	0.01	0.40	11.9	41.5	29.6	3.49	8.73	N/A	N/A	0.13	0.34	0.36
605182	8.87	0.40	0.09	0.30	0.02	0.32	9.4	36.0	26.6	3.83	10.70	N/A	N/A	0		

**Table . - Modified Acid/Base Accounting (Mod ABA) Static ARD Potential Test Results,
Copper Flat Samples**

Sample I.D.	Paste pH	Sulfur, weight percent (as S)					AGP ¹⁾	ANP	NNP	Ratio	NAG pH	NAG pH, kg H ₂ SO ₄ /T		Sulfur, weight percent (as S) - HCl Wash		
		Total	SO ₄	Pyritic S=	Non-Ext S	Non Sulfate S						@ 4.5	@ 7	SO4	Pyritic S=	Non Sulfate S
CF-11-01-B, 15-43	8.01	1.55	0.28	1.05	0.22	1.27	32.8	12.3	-20.5	0.38	3.40	2.36	8.46	0.61	0.72	0.94
CF-11-01-B, 189-225	7.95	1.13	0.26	0.70	0.16	0.86	21.9	27.6	5.7	1.26	5.37	N/A	N/A	0.84	0.13	0.29
CF-11-01-B, 268.8-292	7.70	2.65	0.32	2.12	0.22	2.33	66.3	35.4	-30.9	0.53	3.35	2.85	8.95	0.93	1.50	1.72
CF-11-01-B, 465-480	8.12	1.35	0.28	0.90	0.18	1.07	28.1	25.1	-3.0	0.89	3.37	2.56	9.15	0.62	0.56	0.73
CF-11-01-B, 575-610	7.93	2.12	0.42	1.53	0.17	1.70	47.8	24.6	-23.2	0.51	3.01	6.10	8.16	0.71	1.24	1.41
CF-11-01-B, 1005-1025	8.36	0.52	0.20	0.28	0.05	0.33	8.8	19.2	10.4	2.18	5.64	N/A	N/A	0.19	0.28	0.33
CF-11-02, 0-27	8.07	1.70	0.41	1.23	0.06	1.29	38.4	22.1	-16.3	0.58	3.28	3.44	5.80	0.24	1.40	1.46
CF-11-02, 147-181	8.47	0.74	0.21	0.50	0.03	0.53	15.6	20.7	5.1	1.33	2.92	5.51	4.13	0.21	0.50	0.53
CF-11-02, 367-408	8.49	1.11	0.23	0.83	0.05	0.88	25.9	19.2	-6.7	0.74	2.78	8.06	5.90	0.43	0.63	0.68
CF-11-02, 471-507	8.32	1.15	0.28	0.83	0.05	0.87	25.9	24.6	-1.3	0.95	3.12	5.31	3.54	0.62	0.49	0.53
CF-11-02, 609-625	8.28	1.16	0.28	0.83	0.05	0.88	25.9	31.0	5.1	1.20	3.58	1.38	4.72	0.28	0.83	0.88
CF-11-03, 23.9-53.2	8.26	0.65	0.17	0.41	0.06	0.47	12.8	45.8	33.0	3.58	8.76	N/A	N/A	0.23	0.36	0.42
CF-11-03, 243-276.5	7.78	2.49	0.54	1.71	0.24	1.95	53.4	48.2	-5.2	0.90	9.04	N/A	N/A	0.28	1.97	2.21
CF-11-03, 316.8-341.8	8.00	1.66	0.11	1.29	0.26	1.55	40.3	39.4	-0.9	0.98	5.56	N/A	N/A	0.80	0.60	0.86
CF-11-03, 497-521.7	7.60	1.33	0.34	0.89	0.10	0.99	27.8	49.7	21.9	1.79	9.71	N/A	N/A	0.61	0.62	0.72
CF-11-03, 580.3-600.3	8.03	0.56	0.19	0.30	0.07	0.37	9.4	24.6	15.2	2.62	7.81	N/A	N/A	0.22	0.27	0.34
CF-11-03, 836.8-851.8	8.21	0.64	0.21	0.39	0.04	0.43	12.2	26.1	13.9	2.14	8.39	N/A	N/A	0.23	0.37	0.41
CF-11-03, 922-949.5	8.21	0.61	0.20	0.35	0.06	0.41	10.9	32.5	21.6	2.98	9.32	N/A	N/A	0.29	0.26	0.32
CF-11-03, 1049.5-1085.3	8.15	0.97	0.19	0.69	0.08	0.78	21.6	29.5	7.9	1.37	5.23	N/A	N/A	0.46	0.43	0.51
CF-11-04, 0-16.6	7.77	0.04	0.02	<0.01	0.01	0.01	<0.3	8.4	8.4	>28.00	8.88	N/A	N/A	0.01	0.01	0.03

1) AGP based on Pyritic S content (%S= x 31.25). AGP, ANP and NNP in units of tons CaCO₃ equivalents per 1000 tons of solids.

Analytical Report # W2A0356

Table . - Modified Acid/Base Accounting (Mod ABA) Static ARD Potential Test Results,

Copper Flat Samples

Sample I.D.	Paste pH	Sulfur, weight percent (as S)					AGP ¹⁾	ANP	NNP	Ratio	NAG pH	NAG pH, kg H ₂ SO ₄ /T		Sulfur, weight percent (as S) - HCl Wash		
		Total	SO ₄	Pyritic S ⁼	Non-Ext S	Non Sulfate S						@ 4.5	@ 7	SO ₄	Pyritic S=	Non Sulfate S
CF-11-04, 168-203	8.38	0.93	0.28	0.40	0.25	0.65	12.5	26.6	14.1	2.13	8.25	N/A	N/A	0.36	0.33	0.58
CF-11-04, 464.8-504.8	8.1	0.55	0.16	0.22	0.16	0.38	6.9	18.7	11.8	2.71	8.46	N/A	N/A	0.28	0.11	0.27
CF-11-04, 628-678	8.12	0.52	0.14	0.22	0.16	0.38	6.9	40.3	33.4	5.84	8.48	N/A	N/A	0.23	0.13	0.28
CF-11-05, 35-60	8.34	0.65	0.20	0.29	0.17	0.45	9.1	13.3	4.2	1.46	4.83	N/A	N/A	0.35	0.14	0.30
CF-11-05, 760-780	8.45	0.82	0.30	0.32	0.20	0.52	10.0	17.2	7.2	1.72	8.18	N/A	N/A	0.42	0.20	0.40
CF-11-05, 880-895	8.36	0.60	0.17	0.28	0.14	0.43	8.8	21.2	12.4	2.41	7.74	N/A	N/A	0.21	0.24	0.39
CF-11-06, 6.4-19.4	8.27	1.19	0.43	0.52	0.24	0.76	16.3	21.6	5.3	1.33	8.17	N/A	N/A	0.34	0.62	0.86
CF-11-06, 135.4-155.6	8.14	1.23	0.34	0.68	0.21	0.89	21.3	26.1	4.8	1.23	7.90	N/A	N/A	0.38	0.64	0.85
CF-11-06, 418-443	8.02	1.07	0.28	0.58	0.21	0.79	18.1	37.4	19.3	2.07	9.01	N/A	N/A	0.29	0.57	0.78
CF-11-06, 603-628	8.07	1.29	0.24	0.76	0.29	1.05	23.8	21.2	-2.6	0.89	8.14	N/A	N/A	0.32	0.68	0.96
CF-11-06, 673-693	8.25	0.92	0.24	0.52	0.16	0.68	16.3	9.3	-7.0	0.57	8.67	N/A	N/A	0.37	0.39	0.55
CF-11-06, 860-868	8.63	0.45	0.14	0.20	0.11	0.31	6.3	34.0	27.7	5.40	8.29	N/A	N/A	0.18	0.17	0.28
CF-11-06, 872.5-898	8.65	0.62	0.18	0.31	0.13	0.44	9.7	12.8	3.1	1.32	3.44	2.15	3.92	0.22	0.28	0.40
CF-11-07, 312-346.6	8.30	0.87	0.18	0.44	0.26	0.70	13.8	34.0	20.2	2.46	7.87	N/A	N/A	0.37	0.25	0.50
CF-11-07, 521.7-543	8.40	0.96	0.19	0.60	0.17	0.78	18.8	31.0	12.2	1.65	8.31	N/A	N/A	0.27	0.53	0.70
CF-11-07, 966.8-996.8	8.56	0.54	0.16	0.23	0.16	0.38	7.2	29.0	21.8	4.03	8.06	N/A	N/A	0.27	0.12	0.27
CF-11-08, 844.2-879.2	8.26	0.98	0.24	0.52	0.22	0.74	16.3	21.2	4.9	1.30	7.82	N/A	N/A	0.41	0.36	0.57
CF-11-08, 1139.5-1179.5	8.66	0.31	0.08	0.14	0.08	0.23	4.4	34.4	30.0	7.82	7.90	N/A	N/A	0.10	0.13	0.21
CF-11-08, 365-405	8.22	0.91	0.27	0.48	0.17	0.65	15.0	25.1	10.1	1.67	8.20	N/A	N/A	0.44	0.30	0.47
CF-11-09, 313-333	7.92	1.34	0.31	0.87	0.16	1.03	27.2	23.6	-3.6	0.87	7.85	N/A	N/A	0.32	0.86	1.02

1) AGP based on Pyritic S content (%S⁼ x 31.25). AGP, ANP and NNP in units of tons CaCO₃ equivalents per 1000 tons of solids.

Analytical Report # W2A0357

Table . - Modified Acid/Base Accounting (Mod ABA) Static ARD Potential Test Results,

Copper Flat Samples

Sample I.D.	Paste pH	Sulfur, weight percent (as S)						NAG pH	NAG pH, kg H ₂ SO ₄ /T			Sulfur, weight percent (as S) - HCl Wash				
		Total	SO ₄	Pyritic S ⁼	Non-Ext S	Non Sulfate S	AGP ¹⁾		ANP	NNP	Ratio	@ 4.5	@ 7	SO4	Pyritic S=	Non Sulfate S
CF-11-09, 495.5-528.5	8.34	0.58	0.21	0.28	0.09	0.38	8.8	17.3	8.5	1.97	7.85	N/A	N/A	0.26	0.23	0.32
CF-11-09, 688-718	8.18	0.67	0.15	0.37	0.15	0.52	11.6	25.2	13.6	2.17	8.78	N/A	N/A	0.32	0.20	0.35
CF-11-09, 923-953	8.51	0.20	0.05	0.08	0.06	0.15	2.5	25.2	22.7	10.08	8.82	N/A	N/A	0.07	0.07	0.13
CF-11-09, 1097.8-1125	8.54	0.29	0.10	0.09	0.10	0.19	2.8	17.8	15.0	6.36	8.17	N/A	N/A	0.11	0.08	0.18
CF-11-09, 588-628	8.28	0.41	0.10	0.19	0.13	0.32	5.9	30.7	24.8	5.20	8.18	N/A	N/A	0.18	0.10	0.23
CF-11-10, 565.1-585	8.38	0.97	0.24	0.52	0.21	0.74	16.3	29.2	12.9	1.79	8.41	N/A	N/A	0.33	0.43	0.64
CF-11-10, 651-688	8.54	0.48	0.10	0.25	0.13	0.38	7.8	27.7	19.9	3.55	9.05	N/A	N/A	0.19	0.16	0.29
CF-11-10, 829-862	8.31	0.94	0.14	0.60	0.21	0.80	18.8	23.2	4.4	1.23	8.40	N/A	N/A	0.37	0.36	0.57
CF-11-10-B, 1000-1035	8.70	0.68	0.20	0.33	0.15	0.48	10.3	25.7	15.4	2.50	7.91	N/A	N/A	0.33	0.20	0.35
CF-11-11, 1090-1129.2	8.83	0.66	0.19	0.28	0.19	0.47	8.8	27.2	18.4	3.09	8.38	N/A	N/A	0.25	0.22	0.41
CF-11-11, 322.2-351	8.36	0.34	0.11	0.13	0.09	0.22	4.1	25.7	21.6	6.27	8.11	N/A	N/A	0.14	0.11	0.20
CF-11-11, 435.2-461.5	8.43	0.51	0.15	0.21	0.15	0.36	6.6	33.6	27.0	5.09	8.22	N/A	N/A	0.20	0.15	0.30
CF-11-11, 578-608	8.52	0.17	0.06	0.04	0.07	0.11	1.3	22.3	21.0	17.15	8.41	N/A	N/A	0.07	0.03	0.10
CF-11-11, 664.2-700.1	8.49	0.34	0.13	0.11	0.09	0.21	3.4	18.3	14.9	5.38	7.83	N/A	N/A	0.14	0.10	0.20
CF-11-11, 828-860	8.60	0.25	0.09	0.06	0.10	0.16	1.9	22.3	20.4	11.74	8.17	N/A	N/A	0.08	0.07	0.17
CF-11-12, 504-541	8.49	0.52	0.27	0.12	0.13	0.25	3.8	9.9	6.1	2.61	3.53	1.38	4.34	0.25	0.14	0.27
CF-11-12, 718-753	8.22	0.77	0.23	0.34	0.20	0.54	10.6	32.6	22.0	3.08	8.33	N/A	N/A	0.29	0.28	0.48
CF-11-12, 873.5-905	8.68	0.57	0.16	0.28	0.13	0.41	8.8	19.8	11.0	2.25	7.62	N/A	N/A	0.22	0.23	0.35
CF-11-14, 0-14	8.16	1.76	0.34	0.89	0.53	1.42	27.8	29.2	1.4	1.05	7.70	N/A	N/A	0.56	0.67	1.20
CF-11-14, 28.3-51	8.31	1.42	0.34	0.73	0.35	1.08	22.8	40.6	17.8	1.78	8.00	N/A	N/A	0.64	0.44	0.78
CF-11-14, 431-471.1	8.28	1.04	0.17	0.58	0.29	0.87	18.1	36.4	18.3	2.01	8.28	N/A	N/A	0.36	0.39	0.68
CF-11-14, 806-829.5	8.28	1.36	0.32	0.67	0.37	1.04	20.9	50.7	29.8	2.43	7.82	N/A	N/A	0.38	0.60	0.98

1) AGP based on Pyritic S⁼ content (%S⁼ x 31.25). AGP, ANP and NNP in units of tons CaCO₃ equivalents per 1000 tons of solids.

Analytical Report # W2A0358

**Table . - Modified Acid/Base Accounting (Mod ABA) Static ARD Potential Test Results,
Copper Flat Project - Cu Ro. Tail**

Sample I.D.	Paste pH	Sulfur, weight percent (as S)					AGP ¹⁾	ANP	NNP	Ratio	NAG pH	NAG pH, kg H ₂ SO ₄ /T
		Total	SO ₄	Pyritic S ⁼	Non-Ext S	Non Sulfate S					pH @ 4.5	pH @ 7
Copper Flat (Cu Ro. Tail)	8.12	0.82	0.21	0.61	<0.01	0.61	19.1	32.5	13.4	1.70	9.23	0.00

1) AGP based on Pyritic S⁼ content (%S⁼ x 31.25). AGP, ANP and NNP in units of tons CaCO₃ equivalents per 1000 tons of solids.

SVL Report # W110199

SVL Laboratories Reports



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
SRK 0854	W0F0630-01	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0855	W0F0630-02	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0856	W0F0630-03	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0857	W0F0630-04	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0858	W0F0630-05	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0859	W0F0630-06	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0860	W0F0630-07	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0861	W0F0630-08	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0862	W0F0630-09	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0864	W0F0630-10	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0865	W0F0630-11	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0866	W0F0630-12	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0867	W0F0630-13	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0868	W0F0630-14	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0869	W0F0630-15	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0870	W0F0630-16	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0871	W0F0630-17	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0872	W0F0630-18	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0873	W0F0630-19	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0874	W0F0630-20	Soil	22-Jun-10 09:00	RJ	24-Jun-2010

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0854**SVL Sample ID: **W0F0630-01 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-21.5	TCaCO3/kT	0.3			N/A		07/02/10 12:28
Modified Sobek	AGP	27.4	TCaCO3/kT	0.3			N/A		07/02/10 12:28
Modified Sobek	ANP	6.0	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01			W027089	HJG	07/02/10 12:28
Modified Sobek	Non-Sulfate Sulfur	0.94	%	0.01			W027089	HJG	07/02/10 10:57
Modified Sobek	Pyritic Sulfur	0.88	%	0.01			N/A		07/02/10 12:28
Modified Sobek	Sulfate Sulfur	0.39	%	0.01			N/A		07/02/10 10:57
Modified Sobek	Total Sulfur	1.33	%	0.01			W027089	HJG	06/29/10 11:22

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-12.7	TCaCO3/kT	0.3			N/A		07/02/10 13:30
Modified Sobek	AGP-HCl	18.7	TCaCO3/kT	0.3			N/A		07/02/10 13:30
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01			W027089	HJG	07/02/10 12:28
Modified Sobek	Non-Sulfate Sulfur-HCl	0.66	%	0.01			W027089	HJG	07/02/10 13:30
Modified Sobek	Pyritic Sulfur-HCl	0.60	%	0.01			N/A		07/02/10 13:30
Modified Sobek	Sulfate Sulfur-HCl	0.67	%	0.01			N/A		07/02/10 13:30
Modified Sobek	Total Sulfur	1.33	%	0.01			W027089	HJG	06/29/10 11:22

Classical Chemistry Parameters

ASA 9	Paste pH	4.80	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.780	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	10.2	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	3.77	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0855**SVL Sample ID: **W0F0630-02 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-20.0	TCaCO3/kT	0.3			N/A		07/02/10 12:36
Modified Sobek	AGP	26.4	TCaCO3/kT	0.3			N/A		07/02/10 12:36
Modified Sobek	ANP	6.4	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:36
Modified Sobek	Non-Sulfate Sulfur	0.85	%	0.01			W027089	HJG	07/02/10 11:00
Modified Sobek	Pyritic Sulfur	0.85	%	0.01			N/A		07/02/10 12:36
Modified Sobek	Sulfate Sulfur	0.36	%	0.01			N/A		07/02/10 11:00
Modified Sobek	Total Sulfur	1.21	%	0.01			W027089	HJG	06/29/10 11:25

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-23.3	TCaCO3/kT	0.3			N/A		07/02/10 13:32
Modified Sobek	AGP-HCl	29.7	TCaCO3/kT	0.3			N/A		07/02/10 13:32
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:36
Modified Sobek	Non-Sulfate Sulfur-HCl	0.95	%	0.01			W027089	HJG	07/02/10 13:32
Modified Sobek	Pyritic Sulfur-HCl	0.95	%	0.01			N/A		07/02/10 13:32
Modified Sobek	Sulfate Sulfur-HCl	0.26	%	0.01			N/A		07/02/10 13:32
Modified Sobek	Total Sulfur	1.21	%	0.01			W027089	HJG	06/29/10 11:25

Classical Chemistry Parameters

ASA 9	Paste pH	6.41	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	6.27	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	2.74	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	3.00	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0856**SVL Sample ID: **W0F0630-03 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-48.6	TCaCO3/kT	0.3			N/A		07/02/10 12:39
Modified Sobek	AGP	49.1	TCaCO3/kT	0.3			N/A		07/02/10 12:39
Modified Sobek	ANP	0.5	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:39
Modified Sobek	Non-Sulfate Sulfur	1.57	%	0.01			W027089	HJG	07/02/10 11:02
Modified Sobek	Pyritic Sulfur	1.57	%	0.01			N/A		07/02/10 12:39
Modified Sobek	Sulfate Sulfur	0.72	%	0.01			N/A		07/02/10 11:02
Modified Sobek	Total Sulfur	2.29	%	0.01			W027089	HJG	06/29/10 11:28

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-39.9	TCaCO3/kT	0.3			N/A		07/02/10 13:40
Modified Sobek	AGP-HCl	40.3	TCaCO3/kT	0.3			N/A		07/02/10 13:40
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:39
Modified Sobek	Non-Sulfate Sulfur-HCl	1.29	%	0.01			W027089	HJG	07/02/10 13:40
Modified Sobek	Pyritic Sulfur-HCl	1.29	%	0.01			N/A		07/02/10 13:40
Modified Sobek	Sulfate Sulfur-HCl	1.00	%	0.01			N/A		07/02/10 13:40
Modified Sobek	Total Sulfur	2.29	%	0.01			W027089	HJG	06/29/10 11:28

Classical Chemistry Parameters

ASA 9	Paste pH	4.42	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	33.5	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	4.90	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	2.28	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0857**SVL Sample ID: **W0F0630-04 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-11.6	TCaCO3/kT	0.3			N/A		07/02/10 12:41
Modified Sobek	AGP	18.5	TCaCO3/kT	0.3			N/A		07/02/10 12:41
Modified Sobek	ANP	6.9	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 12:41
Modified Sobek	Non-Sulfate Sulfur	0.60	%	0.01			W027089	HJG	07/02/10 11:05
Modified Sobek	Pyritic Sulfur	0.59	%	0.01			N/A		07/02/10 12:41
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		07/02/10 11:05
Modified Sobek	Total Sulfur	0.84	%	0.01			W027089	HJG	06/29/10 11:31

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-6.8	TCaCO3/kT	0.3			N/A		07/02/10 13:43
Modified Sobek	AGP-HCl	13.7	TCaCO3/kT	0.3			N/A		07/02/10 13:43
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 12:41
Modified Sobek	Non-Sulfate Sulfur-HCl	0.45	%	0.01			W027089	HJG	07/02/10 13:43
Modified Sobek	Pyritic Sulfur-HCl	0.44	%	0.01			N/A		07/02/10 13:43
Modified Sobek	Sulfate Sulfur-HCl	0.39	%	0.01			N/A		07/02/10 13:43
Modified Sobek	Total Sulfur	0.84	%	0.01			W027089	HJG	06/29/10 11:31

Classical Chemistry Parameters

ASA 9	Paste pH	7.19	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	8.45	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0858**SVL Sample ID: **W0F0630-05 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-15.1	TCaCO3/kT	0.3			N/A		07/02/10 12:44
Modified Sobek	AGP	19.3	TCaCO3/kT	0.3			N/A		07/02/10 12:44
Modified Sobek	ANP	4.1	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:44
Modified Sobek	Non-Sulfate Sulfur	0.62	%	0.01			W027089	HJG	07/02/10 11:09
Modified Sobek	Pyritic Sulfur	0.62	%	0.01			N/A		07/02/10 12:44
Modified Sobek	Sulfate Sulfur	0.30	%	0.01			N/A		07/02/10 11:09
Modified Sobek	Total Sulfur	0.92	%	0.01			W027089	HJG	06/29/10 11:33

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-17.0	TCaCO3/kT	0.3			N/A		07/02/10 13:46
Modified Sobek	AGP-HCl	21.2	TCaCO3/kT	0.3			N/A		07/02/10 13:46
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:44
Modified Sobek	Non-Sulfate Sulfur-HCl	0.68	%	0.01			W027089	HJG	07/02/10 13:46
Modified Sobek	Pyritic Sulfur-HCl	0.68	%	0.01			N/A		07/02/10 13:46
Modified Sobek	Sulfate Sulfur-HCl	0.24	%	0.01			N/A		07/02/10 13:46
Modified Sobek	Total Sulfur	0.92	%	0.01			W027089	HJG	06/29/10 11:33

Classical Chemistry Parameters

ASA 9	Paste pH	4.91	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	6.08	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	3.14	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	3.15	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0859**SVL Sample ID: **W0F0630-06 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-52.1	TCaCO3/kT	0.3			N/A		07/02/10 12:47
Modified Sobek	AGP	53.4	TCaCO3/kT	0.3			N/A		07/02/10 12:47
Modified Sobek	ANP	1.4	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:47
Modified Sobek	Non-Sulfate Sulfur	1.71	%	0.01			W027089	HJG	07/02/10 11:12
Modified Sobek	Pyritic Sulfur	1.71	%	0.01			N/A		07/02/10 12:47
Modified Sobek	Sulfate Sulfur	0.50	%	0.01			N/A		07/02/10 11:12
Modified Sobek	Total Sulfur	2.21	%	0.01			W027089	HJG	06/29/10 11:36

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-48.9	TCaCO3/kT	0.3			N/A		07/02/10 13:48
Modified Sobek	AGP-HCl	50.3	TCaCO3/kT	0.3			N/A		07/02/10 13:48
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:47
Modified Sobek	Non-Sulfate Sulfur-HCl	1.61	%	0.01			W027089	HJG	07/02/10 13:48
Modified Sobek	Pyritic Sulfur-HCl	1.61	%	0.01			N/A		07/02/10 13:48
Modified Sobek	Sulfate Sulfur-HCl	0.60	%	0.01			N/A		07/02/10 13:48
Modified Sobek	Total Sulfur	2.21	%	0.01			W027089	HJG	06/29/10 11:36

Classical Chemistry Parameters

ASA 9	Paste pH	4.49	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	38.6	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	5.29	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	2.26	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0860**SVL Sample ID: **W0F0630-07 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-74.2	TCaCO3/kT	0.3			N/A		07/02/10 12:49
Modified Sobek	AGP	78.8	TCaCO3/kT	0.3			N/A		07/02/10 12:49
Modified Sobek	ANP	4.6	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:49
Modified Sobek	Non-Sulfate Sulfur	2.52	%	0.01			W027089	HJG	07/02/10 11:15
Modified Sobek	Pyritic Sulfur	2.52	%	0.01			N/A		07/02/10 12:49
Modified Sobek	Sulfate Sulfur	0.91	%	0.01			N/A		07/02/10 11:15
Modified Sobek	Total Sulfur	3.43	%	0.01			W027089	HJG	06/29/10 11:39

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-100.0	TCaCO3/kT	0.3			N/A		07/02/10 13:51
Modified Sobek	AGP-HCl	105	TCaCO3/kT	0.3			N/A		07/02/10 13:51
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:49
Modified Sobek	Non-Sulfate Sulfur-HCl	3.35	%	0.01			W027089	HJG	07/02/10 13:51
Modified Sobek	Pyritic Sulfur-HCl	3.35	%	0.01			N/A		07/02/10 13:51
Modified Sobek	Sulfate Sulfur-HCl	0.08	%	0.01			N/A		07/02/10 13:51
Modified Sobek	Total Sulfur	3.43	%	0.01			W027089	HJG	06/29/10 11:39

Classical Chemistry Parameters

ASA 9	Paste pH	5.55	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	33.1	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	3.14	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	2.26	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0861**SVL Sample ID: **W0F0630-08 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-1.6	TCaCO3/kT	0.3			N/A		07/02/10 12:52
Modified Sobek	AGP	7.6	TCaCO3/kT	0.3			N/A		07/02/10 12:52
Modified Sobek	ANP	6.0	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 12:52
Modified Sobek	Non-Sulfate Sulfur	0.25	%	0.01			W027089	HJG	07/02/10 11:24
Modified Sobek	Pyritic Sulfur	0.24	%	0.01			N/A		07/02/10 12:52
Modified Sobek	Sulfate Sulfur	0.29	%	0.01			N/A		07/02/10 11:24
Modified Sobek	Total Sulfur	0.54	%	0.01			W027089	HJG	06/29/10 11:47

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-2.0	TCaCO3/kT	0.3			N/A		07/02/10 13:53
Modified Sobek	AGP-HCl	7.9	TCaCO3/kT	0.3			N/A		07/02/10 13:53
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 12:52
Modified Sobek	Non-Sulfate Sulfur-HCl	0.27	%	0.01			W027089	HJG	07/02/10 13:53
Modified Sobek	Pyritic Sulfur-HCl	0.25	%	0.01			N/A		07/02/10 13:53
Modified Sobek	Sulfate Sulfur-HCl	0.28	%	0.01			N/A		07/02/10 13:53
Modified Sobek	Total Sulfur	0.54	%	0.01			W027089	HJG	06/29/10 11:47

Classical Chemistry Parameters

ASA 9	Paste pH	6.12	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	5.39	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0862**SVL Sample ID: **W0F0630-09 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	79.1	TCaCO3/kT	0.3			N/A		07/02/10 12:55
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		07/02/10 12:55
Modified Sobek	ANP	79.1	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:55
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 11:26
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		07/02/10 12:55
Modified Sobek	Sulfate Sulfur	0.01	%	0.01			N/A		07/02/10 11:26
Modified Sobek	Total Sulfur	0.01	%	0.01			W027089	HJG	06/29/10 11:51

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	78.3	TCaCO3/kT	0.3			N/A		07/02/10 13:56
Modified Sobek	AGP-HCl	0.8	TCaCO3/kT	0.3			N/A		07/02/10 13:56
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:55
Modified Sobek	Non-Sulfate Sulfur-HCl	0.02	%	0.01			W027089	HJG	07/02/10 13:56
Modified Sobek	Pyritic Sulfur-HCl	0.02	%	0.01			N/A		07/02/10 13:56
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		07/02/10 13:56
Modified Sobek	Total Sulfur	0.01	%	0.01			W027089	HJG	06/29/10 11:51

Classical Chemistry Parameters

ASA 9	Paste pH	7.62	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	10.06	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0864**SVL Sample ID: **W0F0630-10 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	24.4	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 11:53
Modified Sobek	ANP	24.4	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		06/29/10 11:53
Modified Sobek	Sulfate Sulfur	< 0.01	%	0.01			N/A		06/29/10 11:53
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	24.4	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP-HCl	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 11:53
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53
Modified Sobek	Non-Sulfate Sulfur-HCl	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53
Modified Sobek	Pyritic Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 11:53
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 11:53
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:53

Classical Chemistry Parameters

ASA 9	Paste pH	7.59	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	8.29	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0865**SVL Sample ID: **W0F0630-11 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	23.9	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 11:56
Modified Sobek	ANP	23.9	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		06/29/10 11:56
Modified Sobek	Sulfate Sulfur	< 0.01	%	0.01			N/A		06/29/10 11:56
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	23.9	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP-HCl	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 11:56
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56
Modified Sobek	Non-Sulfate Sulfur-HCl	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56
Modified Sobek	Pyritic Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 11:56
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 11:56
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 11:56

Classical Chemistry Parameters

ASA 9	Paste pH	8.40	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	7.15	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0866**SVL Sample ID: **W0F0630-12 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	12.6	TCaCO3/kT	0.3			N/A		07/02/10 12:57
Modified Sobek	AGP	9.0	TCaCO3/kT	0.3			N/A		07/02/10 12:57
Modified Sobek	ANP	21.6	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:57
Modified Sobek	Non-Sulfate Sulfur	0.29	%	0.01			W027089	HJG	07/02/10 11:29
Modified Sobek	Pyritic Sulfur	0.29	%	0.01			N/A		07/02/10 12:57
Modified Sobek	Sulfate Sulfur	0.06	%	0.01			N/A		07/02/10 11:29
Modified Sobek	Total Sulfur	0.35	%	0.01			W027089	HJG	06/29/10 11:59

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	12.8	TCaCO3/kT	0.3			N/A		07/02/10 13:59
Modified Sobek	AGP-HCl	8.8	TCaCO3/kT	0.3			N/A		07/02/10 13:59
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 12:57
Modified Sobek	Non-Sulfate Sulfur-HCl	0.28	%	0.01			W027089	HJG	07/02/10 13:59
Modified Sobek	Pyritic Sulfur-HCl	0.28	%	0.01			N/A		07/02/10 13:59
Modified Sobek	Sulfate Sulfur-HCl	0.07	%	0.01			N/A		07/02/10 13:59
Modified Sobek	Total Sulfur	0.35	%	0.01			W027089	HJG	06/29/10 11:59

Classical Chemistry Parameters

ASA 9	Paste pH	7.70	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	2.35	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	2.55	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	3.23	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0867**SVL Sample ID: **W0F0630-13 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-17.5	TCaCO3/kT	0.3			N/A		07/02/10 13:00
Modified Sobek	AGP	24.0	TCaCO3/kT	0.3			N/A		07/02/10 13:00
Modified Sobek	ANP	6.4	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 13:00
Modified Sobek	Non-Sulfate Sulfur	0.78	%	0.01			W027089	HJG	07/02/10 11:34
Modified Sobek	Pyritic Sulfur	0.77	%	0.01			N/A		07/02/10 13:00
Modified Sobek	Sulfate Sulfur	0.32	%	0.01			N/A		07/02/10 11:34
Modified Sobek	Total Sulfur	1.10	%	0.01			W027089	HJG	06/29/10 12:01

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-11.0	TCaCO3/kT	0.3			N/A		07/02/10 14:01
Modified Sobek	AGP-HCl	17.4	TCaCO3/kT	0.3			N/A		07/02/10 14:01
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 13:00
Modified Sobek	Non-Sulfate Sulfur-HCl	0.57	%	0.01			W027089	HJG	07/02/10 14:01
Modified Sobek	Pyritic Sulfur-HCl	0.56	%	0.01			N/A		07/02/10 14:01
Modified Sobek	Sulfate Sulfur-HCl	0.53	%	0.01			N/A		07/02/10 14:01
Modified Sobek	Total Sulfur	1.10	%	0.01			W027089	HJG	06/29/10 12:01

Classical Chemistry Parameters

ASA 9	Paste pH	6.46	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	4.35	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0868**SVL Sample ID: **W0F0630-14 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	2.8	TCaCO3/kT	0.3			N/A		07/02/10 13:08
Modified Sobek	AGP	5.4	TCaCO3/kT	0.3			N/A		07/02/10 13:08
Modified Sobek	ANP	8.3	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:08
Modified Sobek	Non-Sulfate Sulfur	0.17	%	0.01			W027089	HJG	07/02/10 11:37
Modified Sobek	Pyritic Sulfur	0.17	%	0.01			N/A		07/02/10 13:08
Modified Sobek	Sulfate Sulfur	0.16	%	0.01			N/A		07/02/10 11:37
Modified Sobek	Total Sulfur	0.33	%	0.01			W027089	HJG	06/29/10 12:04

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	4.6	TCaCO3/kT	0.3			N/A		07/02/10 14:04
Modified Sobek	AGP-HCl	3.6	TCaCO3/kT	0.3			N/A		07/02/10 14:04
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:08
Modified Sobek	Non-Sulfate Sulfur-HCl	0.12	%	0.01			W027089	HJG	07/02/10 14:04
Modified Sobek	Pyritic Sulfur-HCl	0.12	%	0.01			N/A		07/02/10 14:04
Modified Sobek	Sulfate Sulfur-HCl	0.21	%	0.01			N/A		07/02/10 14:04
Modified Sobek	Total Sulfur	0.33	%	0.01			W027089	HJG	06/29/10 12:04

Classical Chemistry Parameters

ASA 9	Paste pH	6.60	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	4.43	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0869**SVL Sample ID: **W0F0630-15 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-13.0	TCaCO3/kT	0.3			N/A		07/02/10 13:11
Modified Sobek	AGP	25.4	TCaCO3/kT	0.3			N/A		07/02/10 13:11
Modified Sobek	ANP	12.4	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:11
Modified Sobek	Non-Sulfate Sulfur	0.81	%	0.01			W027089	HJG	07/02/10 11:41
Modified Sobek	Pyritic Sulfur	0.81	%	0.01			N/A		07/02/10 13:11
Modified Sobek	Sulfate Sulfur	0.35	%	0.01			N/A		07/02/10 11:41
Modified Sobek	Total Sulfur	1.16	%	0.01			W027089	HJG	06/29/10 12:07

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-3.3	TCaCO3/kT	0.3			N/A		07/02/10 14:12
Modified Sobek	AGP-HCl	15.7	TCaCO3/kT	0.3			N/A		07/02/10 14:12
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:11
Modified Sobek	Non-Sulfate Sulfur-HCl	0.50	%	0.01			W027089	HJG	07/02/10 14:12
Modified Sobek	Pyritic Sulfur-HCl	0.50	%	0.01			N/A		07/02/10 14:12
Modified Sobek	Sulfate Sulfur-HCl	0.66	%	0.01			N/A		07/02/10 14:12
Modified Sobek	Total Sulfur	1.16	%	0.01			W027089	HJG	06/29/10 12:07

Classical Chemistry Parameters

ASA 9	Paste pH	7.17	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	5.26	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0870**SVL Sample ID: **W0F0630-16 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	8.6	TCaCO3/kT	0.3			N/A		07/02/10 13:14
Modified Sobek	AGP	1.0	TCaCO3/kT	0.3			N/A		07/02/10 13:14
Modified Sobek	ANP	9.6	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:14
Modified Sobek	Non-Sulfate Sulfur	0.03	%	0.01			W027089	HJG	07/02/10 11:43
Modified Sobek	Pyritic Sulfur	0.03	%	0.01			N/A		07/02/10 13:14
Modified Sobek	Sulfate Sulfur	0.17	%	0.01			N/A		07/02/10 11:43
Modified Sobek	Total Sulfur	0.20	%	0.01			W027089	HJG	06/29/10 12:10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	8.9	TCaCO3/kT	0.3			N/A		07/02/10 14:15
Modified Sobek	AGP-HCl	0.7	TCaCO3/kT	0.3			N/A		07/02/10 14:15
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:14
Modified Sobek	Non-Sulfate Sulfur-HCl	0.02	%	0.01			W027089	HJG	07/02/10 14:15
Modified Sobek	Pyritic Sulfur-HCl	0.02	%	0.01			N/A		07/02/10 14:15
Modified Sobek	Sulfate Sulfur-HCl	0.18	%	0.01			N/A		07/02/10 14:15
Modified Sobek	Total Sulfur	0.20	%	0.01			W027089	HJG	06/29/10 12:10

Classical Chemistry Parameters

ASA 9	Paste pH	6.10	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	7.32	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0871**SVL Sample ID: **W0F0630-17 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	7.8	TCaCO3/kT	0.3			N/A		07/02/10 13:16
Modified Sobek	AGP	0.5	TCaCO3/kT	0.3			N/A		07/02/10 13:16
Modified Sobek	ANP	8.3	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:16
Modified Sobek	Non-Sulfate Sulfur	0.01	%	0.01			W027089	HJG	07/02/10 11:46
Modified Sobek	Pyritic Sulfur	0.01	%	0.01			N/A		07/02/10 13:16
Modified Sobek	Sulfate Sulfur	< 0.01	%	0.01			N/A		07/02/10 11:46
Modified Sobek	Total Sulfur	0.01	%	0.01			W027089	HJG	06/29/10 12:12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	7.8	TCaCO3/kT	0.3			N/A		07/02/10 14:17
Modified Sobek	AGP-HCl	0.4	TCaCO3/kT	0.3			N/A		07/02/10 14:17
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:16
Modified Sobek	Non-Sulfate Sulfur-HCl	0.01	%	0.01			W027089	HJG	07/02/10 14:17
Modified Sobek	Pyritic Sulfur-HCl	0.01	%	0.01			N/A		07/02/10 14:17
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		07/02/10 14:17
Modified Sobek	Total Sulfur	0.01	%	0.01			W027089	HJG	06/29/10 12:12

Classical Chemistry Parameters

ASA 9	Paste pH	7.09	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	7.64	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0872**SVL Sample ID: **W0F0630-18 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-13.0	TCaCO3/kT	0.3			N/A		07/06/10 11:10
Modified Sobek	AGP	32.8	TCaCO3/kT	0.3			N/A		07/06/10 11:10
Modified Sobek	ANP	19.8	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:19
Modified Sobek	Non-Sulfate Sulfur	1.05	%	0.01			W027089	HJG	07/06/10 11:10
Modified Sobek	Pyritic Sulfur	1.05	%	0.01			N/A		07/06/10 11:10
Modified Sobek	Sulfate Sulfur	0.71	%	0.01			N/A		07/06/10 11:10
Modified Sobek	Total Sulfur	1.76	%	0.01			W027089	HJG	06/29/10 12:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-17.1	TCaCO3/kT	0.3			N/A		07/02/10 14:20
Modified Sobek	AGP-HCl	36.9	TCaCO3/kT	0.3			N/A		07/02/10 14:20
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:19
Modified Sobek	Non-Sulfate Sulfur-HCl	1.18	%	0.01			W027089	HJG	07/02/10 14:20
Modified Sobek	Pyritic Sulfur-HCl	1.18	%	0.01			N/A		07/02/10 14:20
Modified Sobek	Sulfate Sulfur-HCl	0.58	%	0.01			N/A		07/02/10 14:20
Modified Sobek	Total Sulfur	1.76	%	0.01			W027089	HJG	06/29/10 12:21

Classical Chemistry Parameters

ASA 9	Paste pH	6.29	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	4.70	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	4.12	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	3.14	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0873**SVL Sample ID: **W0F0630-19 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-8.5	TCaCO3/kT	0.3			N/A		07/06/10 11:19
Modified Sobek	AGP	40.6	TCaCO3/kT	0.3			N/A		07/06/10 11:19
Modified Sobek	ANP	32.2	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:21
Modified Sobek	Non-Sulfate Sulfur	1.30	%	0.01			W027089	HJG	07/06/10 11:19
Modified Sobek	Pyritic Sulfur	1.30	%	0.01			N/A		07/06/10 11:19
Modified Sobek	Sulfate Sulfur	0.33	%	0.01			N/A		07/06/10 11:19
Modified Sobek	Total Sulfur	1.63	%	0.01			W027089	HJG	06/29/10 12:24

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-5.0	TCaCO3/kT	0.3			N/A		07/02/10 14:23
Modified Sobek	AGP-HCl	37.2	TCaCO3/kT	0.3			N/A		07/02/10 14:23
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	07/02/10 13:21
Modified Sobek	Non-Sulfate Sulfur-HCl	1.19	%	0.01			W027089	HJG	07/02/10 14:23
Modified Sobek	Pyritic Sulfur-HCl	1.19	%	0.01			N/A		07/02/10 14:23
Modified Sobek	Sulfate Sulfur-HCl	0.44	%	0.01			N/A		07/02/10 14:23
Modified Sobek	Total Sulfur	1.63	%	0.01			W027089	HJG	06/29/10 12:24

Classical Chemistry Parameters

ASA 9	Paste pH	7.57	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	9.17	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Client Sample ID: **SRK 0874**SVL Sample ID: **W0F0630-20 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	25.3	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 12:26
Modified Sobek	ANP	25.3	TCaCO3/kT	0.3	0.01		W027089	LMG	07/01/10 13:58
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		06/29/10 12:26
Modified Sobek	Sulfate Sulfur	< 0.01	%	0.01			N/A		06/29/10 12:26
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	25.3	TCaCO3/kT	0.3			N/A		07/01/10 13:58
Modified Sobek	AGP-HCl	< 0.3	TCaCO3/kT	0.3			N/A		06/29/10 12:26
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26
Modified Sobek	Non-Sulfate Sulfur-HCl	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26
Modified Sobek	Pyritic Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 12:26
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		06/29/10 12:26
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027089	HJG	06/29/10 12:26

Classical Chemistry Parameters

ASA 9	Paste pH	8.25	pH Units				W027102	HJG	07/06/10 11:59
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027094	HJG	06/30/10 15:29
NAG Australian	NAG Australian	7.31	pH Units				W027094	HJG	06/30/10 15:29

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.01	0.3	W027089	01-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	<0.01		0.01	W027089	02-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027089	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027089	02-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01		0.01	W027089	02-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027089	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027089	02-Jul-10

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	23.9	24.9	96.0	80 - 120	W027089	01-Jul-10
Modified Sobek	Total Sulfur	%	3.27	3.21	102	80 - 120	W027089	29-Jun-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	3.27	3.21	102	80 - 120	W027089	29-Jun-10
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Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	6.23	6.36	98.0	80 - 120	W027102	06-Jul-10
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	5.1	6.0	16.7	20	W027089	01-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	1.08	0.94	14.0	20	W027089	02-Jul-10
Modified Sobek	Total Sulfur	%	1.36	1.33	2.2	20	W027089	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	0.06	0.06	7.1	20	W027089	02-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.63	0.66	4.4	20	W027089	02-Jul-10
Modified Sobek	Total Sulfur	%	1.36	1.33	2.2	20	W027089	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	0.06	0.06	7.1	20	W027089	02-Jul-10

Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	4.81	4.80	0.2	20	W027102	06-Jul-10
ASA 9	Paste pH	pH Units	8.23	8.40	2.0	20	W027102	06-Jul-10
NAG	NAG@pH 4.5	kg H2SO4/T	0.780	0.780	0.0	20	W027094	30-Jun-10
NAG	NAG@pH 7	kg H2SO4/T	10.4	10.2	1.9	20	W027094	30-Jun-10
NAG Australian	NAG Australian	pH Units	3.82	3.77	1.3	20	W027094	30-Jun-10



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0630
Reported: 07-Jul-10 09:49

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable



CHAIN OF CUSTODY RECORD

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WOF Olo3D

FOR SVL USE ONLY
SVL JOB #

Page 2 of 8

Report to Company:	McClelland Labs Inc.	Invoice Sent To:	Same
Contact:	Gene McClelland	Contact:	
Address:	1016 Greg Street	Address:	
Phone Number:	Sparks NV 89431	Phone Number:	
FAX Number:	775-356-1300	FAX Number:	
E-mail:	mli@mettest.com	E-mail:	

Indicate State of sample origination:

USAC? Yes No

Analyses Required

Mold ABA w/paste pH
(hot water, HCl, and HNO₃)
Australian NAG

Rush Instructions (Days)

Comments

McClelland Labs
1016 Greg St.
Sparks, NV 89431
mli@mettest.com

Date: 6/29/10 Time: 13:00

White: LAB COPY Yellow: CUSTOMER COPY

Sample ID	Collection Date	Collection Time	Misc.	Preservative(s)	Matrix Type (From Table 1)	No. of Containers	Ultrapreserved	HNO ₃ Filtered	HNO ₃ Unfiltered	HCl	H ₂ SO ₄	NaOH	Other (Specify)	Rush Instructions (Days)
Please take care to distinguish between: 1 and I 2 and Z 5 and S 0 and O														
1 SRK 0865	6/24/10	9:00	RJ	3	1					X	X			
2 SRK 0866														
3 SRK 0867														
4 SRK 0868														
5 SRK 0869														
6 SRK 0870														
7 SRK 0871														
8 SRK 0872														
9 SRK 0873														
10 SRK 0874														

Received by: ml Date: 6/27/10 Time: 12:00
Received by: ml Date: 6/27/10 Time: 12:00
Relinquished by: ml Date: 6/27/10 Time: 12:00
Relinquished by: ml Date: 6/27/10 Time: 12:00

* Sample Reject:
Relinquished by:

SVL-COPY 9/15



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
SRK 0875	W0F0636-01	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0876	W0F0636-02	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0877	W0F0636-03	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
SRK 0878	W0F0636-04	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604552	W0F0636-05	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604562	W0F0636-06	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604568	W0F0636-07	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604569	W0F0636-08	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604571	W0F0636-09	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604601	W0F0636-10	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604606	W0F0636-11	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604638	W0F0636-12	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604639	W0F0636-13	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604653	W0F0636-14	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604656	W0F0636-15	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604657	W0F0636-16	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604669	W0F0636-17	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604672	W0F0636-18	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604673	W0F0636-19	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604675	W0F0636-20	Soil	22-Jun-10 09:00	RJ	24-Jun-2010

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **SRK 0875**SVL Sample ID: **W0F0636-01 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	1.6	TCaCO3/kT	0.3			N/A		07/05/10 20:00
Modified Sobek	AGP	23.9	TCaCO3/kT	0.3			N/A		07/05/10 20:00
Modified Sobek	ANP	25.4	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:00
Modified Sobek	Non-Sulfate Sulfur	0.76	%	0.01			W027090	HJG	07/05/10 18:37
Modified Sobek	Pyritic Sulfur	0.76	%	0.01			N/A		07/05/10 20:00
Modified Sobek	Sulfate Sulfur	0.47	%	0.01			N/A		07/05/10 18:37
Modified Sobek	Total Sulfur	1.23	%	0.01			W027090	HJG	06/30/10 09:48

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	3.7	TCaCO3/kT	0.3			N/A		07/06/10 09:47
Modified Sobek	AGP-HCl	21.8	TCaCO3/kT	0.3			N/A		07/06/10 09:47
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:00
Modified Sobek	Non-Sulfate Sulfur-HCl	0.70	%	0.01			W027090	HJG	07/06/10 09:47
Modified Sobek	Pyritic Sulfur-HCl	0.70	%	0.01			N/A		07/06/10 09:47
Modified Sobek	Sulfate Sulfur-HCl	0.53	%	0.01			N/A		07/06/10 09:47
Modified Sobek	Total Sulfur	1.23	%	0.01			W027090	HJG	06/30/10 09:48

Classical Chemistry Parameters

ASA 9	Paste pH	8.01	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.55	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **SRK 0876**SVL Sample ID: **W0F0636-02 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-7.2	TCaCO3/kT	0.3			N/A		07/05/10 20:02
Modified Sobek	AGP	24.3	TCaCO3/kT	0.3			N/A		07/05/10 20:02
Modified Sobek	ANP	17.1	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:02
Modified Sobek	Non-Sulfate Sulfur	0.78	%	0.01			W027090	HJG	07/05/10 18:41
Modified Sobek	Pyritic Sulfur	0.78	%	0.01			N/A		07/05/10 20:02
Modified Sobek	Sulfate Sulfur	0.52	%	0.01			N/A		07/05/10 18:41
Modified Sobek	Total Sulfur	1.30	%	0.01			W027090	HJG	06/30/10 09:51

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-9.0	TCaCO3/kT	0.3			N/A		07/06/10 09:52
Modified Sobek	AGP-HCl	26.1	TCaCO3/kT	0.3			N/A		07/06/10 09:52
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:02
Modified Sobek	Non-Sulfate Sulfur-HCl	0.84	%	0.01			W027090	HJG	07/06/10 09:52
Modified Sobek	Pyritic Sulfur-HCl	0.84	%	0.01			N/A		07/06/10 09:52
Modified Sobek	Sulfate Sulfur-HCl	0.46	%	0.01			N/A		07/06/10 09:52
Modified Sobek	Total Sulfur	1.30	%	0.01			W027090	HJG	06/30/10 09:51

Classical Chemistry Parameters

ASA 9	Paste pH	7.88	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	9.01	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **SRK 0877**SVL Sample ID: **W0F0636-03 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	303	TCaCO3/kT	0.3			N/A		07/05/10 20:05
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		07/05/10 20:05
Modified Sobek	ANP	303	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:05
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 18:43
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		07/05/10 20:05
Modified Sobek	Sulfate Sulfur	0.01	%	0.01			N/A		07/05/10 18:43
Modified Sobek	Total Sulfur	0.01	%	0.01			W027090	HJG	06/30/10 09:54

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	303	TCaCO3/kT	0.3			N/A		07/06/10 09:54
Modified Sobek	AGP-HCl	< 0.3	TCaCO3/kT	0.3			N/A		07/06/10 09:54
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:05
Modified Sobek	Non-Sulfate Sulfur-HCl	0.01	%	0.01			W027090	HJG	07/06/10 09:54
Modified Sobek	Pyritic Sulfur-HCl	< 0.01	%	0.01			N/A		07/06/10 09:54
Modified Sobek	Sulfate Sulfur-HCl	0.01	%	0.01			N/A		07/06/10 09:54
Modified Sobek	Total Sulfur	0.01	%	0.01			W027090	HJG	06/30/10 09:54

Classical Chemistry Parameters

ASA 9	Paste pH	8.17	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	9.70	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



One Government Gulch - PO Box 929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **SRK 0878**SVL Sample ID: **W0F0636-04 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	472	TCaCO3/kT	0.3			N/A		07/02/10 13:49
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		06/30/10 09:57
Modified Sobek	ANP	472	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57
Modified Sobek	Non-Sulfate Sulfur	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		06/30/10 09:57
Modified Sobek	Sulfate Sulfur	< 0.01	%	0.01			N/A		06/30/10 09:57
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	472	TCaCO3/kT	0.3			N/A		07/02/10 13:49
Modified Sobek	AGP-HCl	< 0.3	TCaCO3/kT	0.3			N/A		06/30/10 09:57
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57
Modified Sobek	Non-Sulfate Sulfur-HCl	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57
Modified Sobek	Pyritic Sulfur-HCl	< 0.01	%	0.01			N/A		06/30/10 09:57
Modified Sobek	Sulfate Sulfur-HCl	< 0.01	%	0.01			N/A		06/30/10 09:57
Modified Sobek	Total Sulfur	< 0.01	%	0.01			W027090	HJG	06/30/10 09:57

Classical Chemistry Parameters

ASA 9	Paste pH	8.13	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	10.93	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604552**SVL Sample ID: **W0F0636-05 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-4.6	TCaCO3/kT	0.3			N/A		07/05/10 20:08
Modified Sobek	AGP	12.9	TCaCO3/kT	0.3			N/A		07/05/10 20:08
Modified Sobek	ANP	8.3	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:08
Modified Sobek	Non-Sulfate Sulfur	0.41	%	0.01			W027090	HJG	07/05/10 18:46
Modified Sobek	Pyritic Sulfur	0.41	%	0.01			N/A		07/05/10 20:08
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		07/05/10 18:46
Modified Sobek	Total Sulfur	0.61	%	0.01			W027090	HJG	06/30/10 10:00

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-3.2	TCaCO3/kT	0.3			N/A		07/06/10 09:57
Modified Sobek	AGP-HCl	11.6	TCaCO3/kT	0.3			N/A		07/06/10 09:57
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:08
Modified Sobek	Non-Sulfate Sulfur-HCl	0.37	%	0.01			W027090	HJG	07/06/10 09:57
Modified Sobek	Pyritic Sulfur-HCl	0.37	%	0.01			N/A		07/06/10 09:57
Modified Sobek	Sulfate Sulfur-HCl	0.24	%	0.01			N/A		07/06/10 09:57
Modified Sobek	Total Sulfur	0.61	%	0.01			W027090	HJG	06/30/10 10:00

Classical Chemistry Parameters

ASA 9	Paste pH	8.26	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.880	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	5.88	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	3.65	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604562**SVL Sample ID: **W0F0636-06 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-31.5	TCaCO3/kT	0.3			N/A		07/05/10 20:10
Modified Sobek	AGP	47.7	TCaCO3/kT	0.3			N/A		07/05/10 20:10
Modified Sobek	ANP	16.2	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:10
Modified Sobek	Non-Sulfate Sulfur	1.54	%	0.01			W027090	HJG	07/05/10 18:50
Modified Sobek	Pyritic Sulfur	1.53	%	0.01			N/A		07/05/10 20:10
Modified Sobek	Sulfate Sulfur	0.35	%	0.01			N/A		07/05/10 18:50
Modified Sobek	Total Sulfur	1.89	%	0.01			W027090	HJG	06/30/10 10:02

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-21.2	TCaCO3/kT	0.3			N/A		07/06/10 10:02
Modified Sobek	AGP-HCl	37.4	TCaCO3/kT	0.3			N/A		07/06/10 10:02
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:10
Modified Sobek	Non-Sulfate Sulfur-HCl	1.21	%	0.01			W027090	HJG	07/06/10 10:02
Modified Sobek	Pyritic Sulfur-HCl	1.20	%	0.01			N/A		07/06/10 10:02
Modified Sobek	Sulfate Sulfur-HCl	0.68	%	0.01			N/A		07/06/10 10:02
Modified Sobek	Total Sulfur	1.89	%	0.01			W027090	HJG	06/30/10 10:02

Classical Chemistry Parameters

ASA 9	Paste pH	7.97	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	7.75	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604568**SVL Sample ID: **W0F0636-07 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-8.5	TCaCO3/kT	0.3			N/A		07/05/10 20:13
Modified Sobek	AGP	31.2	TCaCO3/kT	0.3			N/A		07/05/10 20:13
Modified Sobek	ANP	22.7	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:13
Modified Sobek	Non-Sulfate Sulfur	1.00	%	0.01			W027090	HJG	07/05/10 18:55
Modified Sobek	Pyritic Sulfur	1.00	%	0.01			N/A		07/05/10 20:13
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		07/05/10 18:55
Modified Sobek	Total Sulfur	1.28	%	0.01			W027090	HJG	06/30/10 10:05

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-0.5	TCaCO3/kT	0.3			N/A		07/06/10 10:04
Modified Sobek	AGP-HCl	23.2	TCaCO3/kT	0.3			N/A		07/06/10 10:04
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:13
Modified Sobek	Non-Sulfate Sulfur-HCl	0.74	%	0.01			W027090	HJG	07/06/10 10:04
Modified Sobek	Pyritic Sulfur-HCl	0.74	%	0.01			N/A		07/06/10 10:04
Modified Sobek	Sulfate Sulfur-HCl	0.54	%	0.01			N/A		07/06/10 10:04
Modified Sobek	Total Sulfur	1.28	%	0.01			W027090	HJG	06/30/10 10:05

Classical Chemistry Parameters

ASA 9	Paste pH	8.20	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.47	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604569**SVL Sample ID: **W0F0636-08 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-14.8	TCaCO3/kT	0.3			N/A		07/05/10 20:15
Modified Sobek	AGP	32.8	TCaCO3/kT	0.3			N/A		07/05/10 20:15
Modified Sobek	ANP	18.0	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:15
Modified Sobek	Non-Sulfate Sulfur	1.05	%	0.01			W027090	HJG	07/05/10 18:59
Modified Sobek	Pyritic Sulfur	1.05	%	0.01			N/A		07/05/10 20:15
Modified Sobek	Sulfate Sulfur	0.29	%	0.01			N/A		07/05/10 18:59
Modified Sobek	Total Sulfur	1.34	%	0.01			W027090	HJG	06/30/10 10:13

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-10.0	TCaCO3/kT	0.3			N/A		07/06/10 10:12
Modified Sobek	AGP-HCl	28.0	TCaCO3/kT	0.3			N/A		07/06/10 10:12
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:15
Modified Sobek	Non-Sulfate Sulfur-HCl	0.90	%	0.01			W027090	HJG	07/06/10 10:12
Modified Sobek	Pyritic Sulfur-HCl	0.90	%	0.01			N/A		07/06/10 10:12
Modified Sobek	Sulfate Sulfur-HCl	0.44	%	0.01			N/A		07/06/10 10:12
Modified Sobek	Total Sulfur	1.34	%	0.01			W027090	HJG	06/30/10 10:13

Classical Chemistry Parameters

ASA 9	Paste pH	8.30	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.33	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604571**SVL Sample ID: **W0F0636-09 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-8.9	TCaCO3/kT	0.3			N/A		07/05/10 20:24
Modified Sobek	AGP	27.3	TCaCO3/kT	0.3			N/A		07/05/10 20:24
Modified Sobek	ANP	18.5	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:24
Modified Sobek	Non-Sulfate Sulfur	0.88	%	0.01			W027090	HJG	07/05/10 19:03
Modified Sobek	Pyritic Sulfur	0.88	%	0.01			N/A		07/05/10 20:24
Modified Sobek	Sulfate Sulfur	0.34	%	0.01			N/A		07/05/10 19:03
Modified Sobek	Total Sulfur	1.21	%	0.01			W027090	HJG	06/30/10 10:16

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-4.3	TCaCO3/kT	0.3			N/A		07/06/10 10:15
Modified Sobek	AGP-HCl	22.8	TCaCO3/kT	0.3			N/A		07/06/10 10:15
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:24
Modified Sobek	Non-Sulfate Sulfur-HCl	0.73	%	0.01			W027090	HJG	07/06/10 10:15
Modified Sobek	Pyritic Sulfur-HCl	0.73	%	0.01			N/A		07/06/10 10:15
Modified Sobek	Sulfate Sulfur-HCl	0.48	%	0.01			N/A		07/06/10 10:15
Modified Sobek	Total Sulfur	1.21	%	0.01			W027090	HJG	06/30/10 10:16

Classical Chemistry Parameters

ASA 9	Paste pH	8.27	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	7.75	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604601**SVL Sample ID: **W0F0636-10 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	1.0	TCaCO3/kT	0.3			N/A		07/05/10 20:26
Modified Sobek	AGP	21.2	TCaCO3/kT	0.3			N/A		07/05/10 20:26
Modified Sobek	ANP	22.2	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:26
Modified Sobek	Non-Sulfate Sulfur	0.68	%	0.01			W027090	HJG	07/05/10 19:12
Modified Sobek	Pyritic Sulfur	0.68	%	0.01			N/A		07/05/10 20:26
Modified Sobek	Sulfate Sulfur	0.36	%	0.01			N/A		07/05/10 19:12
Modified Sobek	Total Sulfur	1.04	%	0.01			W027090	HJG	06/30/10 10:18

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	4.5	TCaCO3/kT	0.3			N/A		07/06/10 10:18
Modified Sobek	AGP-HCl	17.7	TCaCO3/kT	0.3			N/A		07/06/10 10:18
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:26
Modified Sobek	Non-Sulfate Sulfur-HCl	0.57	%	0.01			W027090	HJG	07/06/10 10:18
Modified Sobek	Pyritic Sulfur-HCl	0.57	%	0.01			N/A		07/06/10 10:18
Modified Sobek	Sulfate Sulfur-HCl	0.47	%	0.01			N/A		07/06/10 10:18
Modified Sobek	Total Sulfur	1.04	%	0.01			W027090	HJG	06/30/10 10:18

Classical Chemistry Parameters

ASA 9	Paste pH	8.19	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.49	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604606**SVL Sample ID: **W0F0636-11 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	2.5	TCaCO3/kT	0.3			N/A		07/05/10 20:29
Modified Sobek	AGP	21.1	TCaCO3/kT	0.3			N/A		07/05/10 20:29
Modified Sobek	ANP	23.6	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:29
Modified Sobek	Non-Sulfate Sulfur	0.67	%	0.01			W027090	HJG	07/05/10 19:16
Modified Sobek	Pyritic Sulfur	0.67	%	0.01			N/A		07/05/10 20:29
Modified Sobek	Sulfate Sulfur	0.29	%	0.01			N/A		07/05/10 19:16
Modified Sobek	Total Sulfur	0.97	%	0.01			W027090	HJG	06/30/10 10:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	5.1	TCaCO3/kT	0.3			N/A		07/06/10 10:20
Modified Sobek	AGP-HCl	18.4	TCaCO3/kT	0.3			N/A		07/06/10 10:20
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:29
Modified Sobek	Non-Sulfate Sulfur-HCl	0.59	%	0.01			W027090	HJG	07/06/10 10:20
Modified Sobek	Pyritic Sulfur-HCl	0.59	%	0.01			N/A		07/06/10 10:20
Modified Sobek	Sulfate Sulfur-HCl	0.38	%	0.01			N/A		07/06/10 10:20
Modified Sobek	Total Sulfur	0.97	%	0.01			W027090	HJG	06/30/10 10:21

Classical Chemistry Parameters

ASA 9	Paste pH	7.98	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	9.60	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604638**SVL Sample ID: **W0F0636-12 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	9.7	TCaCO3/kT	0.3			N/A		07/05/10 20:32
Modified Sobek	AGP	29.2	TCaCO3/kT	0.3			N/A		07/05/10 20:32
Modified Sobek	ANP	38.8	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027090	HJG	07/05/10 20:32
Modified Sobek	Non-Sulfate Sulfur	0.95	%	0.01			W027090	HJG	07/05/10 19:20
Modified Sobek	Pyritic Sulfur	0.93	%	0.01			N/A		07/05/10 20:32
Modified Sobek	Sulfate Sulfur	0.36	%	0.01			N/A		07/05/10 19:20
Modified Sobek	Total Sulfur	1.31	%	0.01			W027090	HJG	06/30/10 10:24

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	18.4	TCaCO3/kT	0.3			N/A		07/06/10 10:23
Modified Sobek	AGP-HCl	20.4	TCaCO3/kT	0.3			N/A		07/06/10 10:23
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027090	HJG	07/05/10 20:32
Modified Sobek	Non-Sulfate Sulfur-HCl	0.67	%	0.01			W027090	HJG	07/06/10 10:23
Modified Sobek	Pyritic Sulfur-HCl	0.65	%	0.01			N/A		07/06/10 10:23
Modified Sobek	Sulfate Sulfur-HCl	0.64	%	0.01			N/A		07/06/10 10:23
Modified Sobek	Total Sulfur	1.31	%	0.01			W027090	HJG	06/30/10 10:24

Classical Chemistry Parameters

ASA 9	Paste pH	7.82	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.63	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604639**SVL Sample ID: **W0F0636-13 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	54.3	TCaCO3/kT	0.3			N/A		07/05/10 20:34
Modified Sobek	AGP	23.1	TCaCO3/kT	0.3			N/A		07/05/10 20:34
Modified Sobek	ANP	77.4	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	0.11	%	0.01			W027090	HJG	07/05/10 20:34
Modified Sobek	Non-Sulfate Sulfur	0.85	%	0.01			W027090	HJG	07/05/10 19:23
Modified Sobek	Pyritic Sulfur	0.74	%	0.01			N/A		07/05/10 20:34
Modified Sobek	Sulfate Sulfur	0.25	%	0.01			N/A		07/05/10 19:23
Modified Sobek	Total Sulfur	1.10	%	0.01			W027090	HJG	06/30/10 10:27

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	61.5	TCaCO3/kT	0.3			N/A		07/06/10 10:25
Modified Sobek	AGP-HCl	15.9	TCaCO3/kT	0.3			N/A		07/06/10 10:25
Modified Sobek	Non-extractable Sulfur	0.11	%	0.01			W027090	HJG	07/05/10 20:34
Modified Sobek	Non-Sulfate Sulfur-HCl	0.62	%	0.01			W027090	HJG	07/06/10 10:25
Modified Sobek	Pyritic Sulfur-HCl	0.51	%	0.01			N/A		07/06/10 10:25
Modified Sobek	Sulfate Sulfur-HCl	0.48	%	0.01			N/A		07/06/10 10:25
Modified Sobek	Total Sulfur	1.10	%	0.01			W027090	HJG	06/30/10 10:27

Classical Chemistry Parameters

ASA 9	Paste pH	7.60	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.71	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604653**SVL Sample ID: **W0F0636-14 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	2.4	TCaCO3/kT	0.3			N/A		07/05/10 20:37
Modified Sobek	AGP	24.0	TCaCO3/kT	0.3			N/A		07/05/10 20:37
Modified Sobek	ANP	26.4	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:37
Modified Sobek	Non-Sulfate Sulfur	0.77	%	0.01			W027090	HJG	07/05/10 19:27
Modified Sobek	Pyritic Sulfur	0.77	%	0.01			N/A		07/05/10 20:37
Modified Sobek	Sulfate Sulfur	0.30	%	0.01			N/A		07/05/10 19:27
Modified Sobek	Total Sulfur	1.07	%	0.01			W027090	HJG	06/30/10 10:30

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	6.9	TCaCO3/kT	0.3			N/A		07/06/10 10:28
Modified Sobek	AGP-HCl	19.5	TCaCO3/kT	0.3			N/A		07/06/10 10:28
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:37
Modified Sobek	Non-Sulfate Sulfur-HCl	0.62	%	0.01			W027090	HJG	07/06/10 10:28
Modified Sobek	Pyritic Sulfur-HCl	0.62	%	0.01			N/A		07/06/10 10:28
Modified Sobek	Sulfate Sulfur-HCl	0.45	%	0.01			N/A		07/06/10 10:28
Modified Sobek	Total Sulfur	1.07	%	0.01			W027090	HJG	06/30/10 10:30

Classical Chemistry Parameters

ASA 9	Paste pH	8.09	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.38	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604656**SVL Sample ID: **W0F0636-15 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	33.4	TCaCO3/kT	0.3			N/A		07/05/10 20:40
Modified Sobek	AGP	18.4	TCaCO3/kT	0.3			N/A		07/05/10 20:40
Modified Sobek	ANP	51.8	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:40
Modified Sobek	Non-Sulfate Sulfur	0.60	%	0.01			W027090	HJG	07/05/10 19:31
Modified Sobek	Pyritic Sulfur	0.59	%	0.01			N/A		07/05/10 20:40
Modified Sobek	Sulfate Sulfur	0.21	%	0.01			N/A		07/05/10 19:31
Modified Sobek	Total Sulfur	0.81	%	0.01			W027090	HJG	06/30/10 10:32

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	37.3	TCaCO3/kT	0.3			N/A		07/06/10 10:30
Modified Sobek	AGP-HCl	14.5	TCaCO3/kT	0.3			N/A		07/06/10 10:30
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:40
Modified Sobek	Non-Sulfate Sulfur-HCl	0.48	%	0.01			W027090	HJG	07/06/10 10:30
Modified Sobek	Pyritic Sulfur-HCl	0.46	%	0.01			N/A		07/06/10 10:30
Modified Sobek	Sulfate Sulfur-HCl	0.33	%	0.01			N/A		07/06/10 10:30
Modified Sobek	Total Sulfur	0.81	%	0.01			W027090	HJG	06/30/10 10:32

Classical Chemistry Parameters

ASA 9	Paste pH	7.93	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.20	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604657**SVL Sample ID: **W0F0636-16 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	10.8	TCaCO3/kT	0.3			N/A		07/05/10 20:42
Modified Sobek	AGP	21.1	TCaCO3/kT	0.3			N/A		07/05/10 20:42
Modified Sobek	ANP	31.9	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:42
Modified Sobek	Non-Sulfate Sulfur	0.67	%	0.01			W027090	HJG	07/05/10 19:34
Modified Sobek	Pyritic Sulfur	0.67	%	0.01			N/A		07/05/10 20:42
Modified Sobek	Sulfate Sulfur	0.25	%	0.01			N/A		07/05/10 19:34
Modified Sobek	Total Sulfur	0.92	%	0.01			W027090	HJG	06/30/10 10:35

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	14.3	TCaCO3/kT	0.3			N/A		07/06/10 10:33
Modified Sobek	AGP-HCl	17.6	TCaCO3/kT	0.3			N/A		07/06/10 10:33
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:42
Modified Sobek	Non-Sulfate Sulfur-HCl	0.56	%	0.01			W027090	HJG	07/06/10 10:33
Modified Sobek	Pyritic Sulfur-HCl	0.56	%	0.01			N/A		07/06/10 10:33
Modified Sobek	Sulfate Sulfur-HCl	0.36	%	0.01			N/A		07/06/10 10:33
Modified Sobek	Total Sulfur	0.92	%	0.01			W027090	HJG	06/30/10 10:35

Classical Chemistry Parameters

ASA 9	Paste pH	8.11	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	8.64	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604669**SVL Sample ID: **W0F0636-17 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-16.5	TCaCO3/kT	0.3			N/A		07/05/10 20:45
Modified Sobek	AGP	19.8	TCaCO3/kT	0.3			N/A		07/05/10 20:45
Modified Sobek	ANP	3.2	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:45
Modified Sobek	Non-Sulfate Sulfur	0.65	%	0.01			W027090	HJG	07/05/10 19:38
Modified Sobek	Pyritic Sulfur	0.63	%	0.01			N/A		07/05/10 20:45
Modified Sobek	Sulfate Sulfur	0.32	%	0.01			N/A		07/05/10 19:38
Modified Sobek	Total Sulfur	0.97	%	0.01			W027090	HJG	06/30/10 10:38

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-10.9	TCaCO3/kT	0.3			N/A		07/06/10 10:36
Modified Sobek	AGP-HCl	14.1	TCaCO3/kT	0.3			N/A		07/06/10 10:36
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027090	HJG	07/05/10 20:45
Modified Sobek	Non-Sulfate Sulfur-HCl	0.47	%	0.01			W027090	HJG	07/06/10 10:36
Modified Sobek	Pyritic Sulfur-HCl	0.45	%	0.01			N/A		07/06/10 10:36
Modified Sobek	Sulfate Sulfur-HCl	0.50	%	0.01			N/A		07/06/10 10:36
Modified Sobek	Total Sulfur	0.97	%	0.01			W027090	HJG	06/30/10 10:38

Classical Chemistry Parameters

ASA 9	Paste pH	8.07	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	4.08	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Larry Drew
Technical Director



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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604672**SVL Sample ID: **W0F0636-18 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-7.3	TCaCO3/kT	0.3			N/A		07/05/10 20:48
Modified Sobek	AGP	10.6	TCaCO3/kT	0.3			N/A		07/05/10 20:48
Modified Sobek	ANP	3.2	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:48
Modified Sobek	Non-Sulfate Sulfur	0.34	%	0.01			W027090	HJG	07/05/10 19:41
Modified Sobek	Pyritic Sulfur	0.34	%	0.01			N/A		07/05/10 20:48
Modified Sobek	Sulfate Sulfur	0.23	%	0.01			N/A		07/05/10 19:41
Modified Sobek	Total Sulfur	0.57	%	0.01			W027090	HJG	06/30/10 10:46

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-7.0	TCaCO3/kT	0.3			N/A		07/06/10 10:44
Modified Sobek	AGP-HCl	10.3	TCaCO3/kT	0.3			N/A		07/06/10 10:44
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:48
Modified Sobek	Non-Sulfate Sulfur-HCl	0.33	%	0.01			W027090	HJG	07/06/10 10:44
Modified Sobek	Pyritic Sulfur-HCl	0.33	%	0.01			N/A		07/06/10 10:44
Modified Sobek	Sulfate Sulfur-HCl	0.24	%	0.01			N/A		07/06/10 10:44
Modified Sobek	Total Sulfur	0.57	%	0.01			W027090	HJG	06/30/10 10:46

Classical Chemistry Parameters

ASA 9	Paste pH	8.25	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	1.18	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	3.92	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	3.76	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604673**SVL Sample ID: **W0F0636-19 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-5.9	TCaCO3/kT	0.3			N/A		07/05/10 20:56
Modified Sobek	AGP	12.9	TCaCO3/kT	0.3			N/A		07/05/10 20:56
Modified Sobek	ANP	6.9	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:56
Modified Sobek	Non-Sulfate Sulfur	0.41	%	0.01			W027090	HJG	07/05/10 19:44
Modified Sobek	Pyritic Sulfur	0.41	%	0.01			N/A		07/05/10 20:56
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		07/05/10 19:44
Modified Sobek	Total Sulfur	0.60	%	0.01			W027090	HJG	06/30/10 10:48

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-4.0	TCaCO3/kT	0.3			N/A		07/06/10 10:46
Modified Sobek	AGP-HCl	10.9	TCaCO3/kT	0.3			N/A		07/06/10 10:46
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:56
Modified Sobek	Non-Sulfate Sulfur-HCl	0.35	%	0.01			W027090	HJG	07/06/10 10:46
Modified Sobek	Pyritic Sulfur-HCl	0.35	%	0.01			N/A		07/06/10 10:46
Modified Sobek	Sulfate Sulfur-HCl	0.25	%	0.01			N/A		07/06/10 10:46
Modified Sobek	Total Sulfur	0.60	%	0.01			W027090	HJG	06/30/10 10:48

Classical Chemistry Parameters

ASA 9	Paste pH	8.10	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	1.37	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	3.92	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	3.66	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Client Sample ID: **604675**SVL Sample ID: **W0F0636-20 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.7	TCaCO3/kT	0.3			N/A		07/05/10 20:58
Modified Sobek	AGP	11.1	TCaCO3/kT	0.3			N/A		07/05/10 20:58
Modified Sobek	ANP	6.5	TCaCO3/kT	0.3	0.01		W027090	LMG	07/02/10 13:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:58
Modified Sobek	Non-Sulfate Sulfur	0.36	%	0.01			W027090	HJG	07/05/10 19:52
Modified Sobek	Pyritic Sulfur	0.36	%	0.01			N/A		07/05/10 20:58
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		07/05/10 19:52
Modified Sobek	Total Sulfur	0.55	%	0.01			W027090	HJG	06/30/10 10:59

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-4.2	TCaCO3/kT	0.3			N/A		07/06/10 10:49
Modified Sobek	AGP-HCl	10.7	TCaCO3/kT	0.3			N/A		07/06/10 10:49
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027090	HJG	07/05/10 20:58
Modified Sobek	Non-Sulfate Sulfur-HCl	0.34	%	0.01			W027090	HJG	07/06/10 10:49
Modified Sobek	Pyritic Sulfur-HCl	0.34	%	0.01			N/A		07/06/10 10:49
Modified Sobek	Sulfate Sulfur-HCl	0.21	%	0.01			N/A		07/06/10 10:49
Modified Sobek	Total Sulfur	0.55	%	0.01			W027090	HJG	06/30/10 10:59

Classical Chemistry Parameters

ASA 9	Paste pH	8.50	pH Units				W027103	HJG	07/07/10 12:47
NAG	NAG@pH 4.5	1.57	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG	NAG@pH 7	4.31	kg H ₂ SO ₄ /T				W027095	HJG	06/30/10 15:25
NAG Australian	NAG Australian	3.63	pH Units				W027095	HJG	06/30/10 15:25

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Technical Director



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Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.01	0.3	W027090	02-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	<0.01		0.01	W027090	05-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027090	30-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027090	05-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01		0.01	W027090	06-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027090	30-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027090	05-Jul-10

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	23.1	24.9	92.9	80 - 120	W027090	02-Jul-10
Modified Sobek	Total Sulfur	%	3.83	3.21	119	80 - 120	W027090	30-Jun-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	3.83	3.21	119	80 - 120	W027090	30-Jun-10
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Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	6.79	6.36	107	80 - 120	W027103	07-Jul-10
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	26.4	25.4	3.6	20	W027090	02-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	0.80	0.76	4.2	20	W027090	05-Jul-10
Modified Sobek	Total Sulfur	%	1.23	1.23	0.0	20	W027090	30-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01	<0.01	<RL	20	W027090	05-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.66	0.70	5.2	20	W027090	06-Jul-10
Modified Sobek	Total Sulfur	%	1.23	1.23	0.0	20	W027090	30-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01	<0.01	<RL	20	W027090	05-Jul-10

Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	7.91	7.98	0.9	20	W027103	07-Jul-10
ASA 9	Paste pH	pH Units	8.07	8.01	0.7	20	W027103	07-Jul-10
NAG	NAG@pH 4.5	kg H2SO4/T	0.00	0.00		20	W027095	30-Jun-10
NAG	NAG@pH 7	kg H2SO4/T	0.00	0.00		20	W027095	30-Jun-10
NAG Australian	NAG Australian	pH Units	8.53	8.55	0.2	20	W027095	30-Jun-10

SVL holds the following certifications: AZ:0538, CA:2080, CO:ID00019, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology),

NV:ID000192007A, WA:1268, WY:ID00019



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0636
Reported: 08-Jul-10 09:58

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable



CHAIN OF CUSTODY RECORD

Page 4 of 8

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WOF0626

FOR SVL USE ONLY
SVL JOB #

Report to Company: <u>McClelland Labs Inc.</u>	Invoice Sent To: <u>Same</u>
Contact: <u>Gene McClelland</u>	Contact:
Address: <u>1016 Greg Street</u>	Address:
<u>Sparks NV 89431</u>	
Phone Number: <u>775-356-1300</u>	Phone Number:
FAX Number: <u>775-356-8917</u>	FAX Number:
E-mail: <u>mlili@mettest.com</u>	PO#:

Please take care to distinguish between:
1 and I
2 and Z
5 and S
Ø and O
 Thanks!

Indicate State of sample origination:

USACE? Yes No

Sample ID Collection Misc. Preservative(s)

Collection by: (Init.)
Date: 6/22/02 Time: 9:00
No. of Containers
Matrix Type (From Table 1)
Collected by: (Init.)
Date: 6/22/02 Time: 9:00
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Preservative
HNO₃, Filtered
HNO₃, Unfiltered
HCl
H₂SO₄
NaOH
Other (Specify)

Sample ID	Collection	Misc.	Preservative(s)	Analyses Required		Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
604695	W0F0637-01	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604734	W0F0637-02	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604755	W0F0637-03	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604767	W0F0637-04	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604787	W0F0637-05	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604790	W0F0637-06	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604804	W0F0637-07	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604811	W0F0637-08	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604849	W0F0637-09	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604854	W0F0637-10	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604862	W0F0637-11	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604867	W0F0637-12	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604880	W0F0637-13	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604889	W0F0637-14	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
604898	W0F0637-15	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605001	W0F0637-16	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605013	W0F0637-17	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605033	W0F0637-18	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605039	W0F0637-19	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605078	W0F0637-20	Soil	22-Jun-10 09:00	RJ	24-Jun-2010

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604695**SVL Sample ID: **W0F0637-01 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	18.3	TCaCO3/kT	0.3			N/A		07/06/10 16:01
Modified Sobek	AGP	14.2	TCaCO3/kT	0.3			N/A		07/06/10 16:01
Modified Sobek	ANP	32.4	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:01
Modified Sobek	Non-Sulfate Sulfur	0.48	%	0.01			W027091	BJF	07/06/10 13:26
Modified Sobek	Pyritic Sulfur	0.45	%	0.01			N/A		07/06/10 16:01
Modified Sobek	Sulfate Sulfur	0.40	%	0.01			N/A		07/06/10 13:26
Modified Sobek	Total Sulfur	0.88	%	0.01			W027091	BJF	07/01/10 09:12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	16.9	TCaCO3/kT	0.3			N/A		07/07/10 08:25
Modified Sobek	AGP-HCl	15.5	TCaCO3/kT	0.3			N/A		07/07/10 08:25
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:01
Modified Sobek	Non-Sulfate Sulfur-HCl	0.53	%	0.01			W027091	KC	07/07/10 08:25
Modified Sobek	Pyritic Sulfur-HCl	0.50	%	0.01			N/A		07/07/10 08:25
Modified Sobek	Sulfate Sulfur-HCl	0.36	%	0.01			N/A		07/07/10 08:25
Modified Sobek	Total Sulfur	0.88	%	0.01			W027091	BJF	07/01/10 09:12

Classical Chemistry Parameters

ASA 9	Paste pH	8.39	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.63	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604734**SVL Sample ID: **W0F0637-02 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	18.4	TCaCO3/kT	0.3			N/A		07/06/10 16:04
Modified Sobek	AGP	6.6	TCaCO3/kT	0.3			N/A		07/06/10 16:04
Modified Sobek	ANP	25.0	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027091	BJF	07/06/10 16:04
Modified Sobek	Non-Sulfate Sulfur	0.22	%	0.01			W027091	BJF	07/06/10 13:48
Modified Sobek	Pyritic Sulfur	0.21	%	0.01			N/A		07/06/10 16:04
Modified Sobek	Sulfate Sulfur	0.14	%	0.01			N/A		07/06/10 13:48
Modified Sobek	Total Sulfur	0.36	%	0.01			W027091	BJF	07/01/10 09:15

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	18.5	TCaCO3/kT	0.3			N/A		07/07/10 08:28
Modified Sobek	AGP-HCl	6.5	TCaCO3/kT	0.3			N/A		07/07/10 08:28
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027091	BJF	07/06/10 16:04
Modified Sobek	Non-Sulfate Sulfur-HCl	0.22	%	0.01			W027091	KC	07/07/10 08:28
Modified Sobek	Pyritic Sulfur-HCl	0.21	%	0.01			N/A		07/07/10 08:28
Modified Sobek	Sulfate Sulfur-HCl	0.14	%	0.01			N/A		07/07/10 08:28
Modified Sobek	Total Sulfur	0.36	%	0.01			W027091	BJF	07/01/10 09:15

Classical Chemistry Parameters

ASA 9	Paste pH	8.59	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	9.13	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604755**SVL Sample ID: **W0F0637-03 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-2.5	TCaCO3/kT	0.3			N/A		07/06/10 16:06
Modified Sobek	AGP	21.1	TCaCO3/kT	0.3			N/A		07/06/10 16:06
Modified Sobek	ANP	18.5	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:06
Modified Sobek	Non-Sulfate Sulfur	0.72	%	0.01			W027091	BJF	07/06/10 13:52
Modified Sobek	Pyritic Sulfur	0.67	%	0.01			N/A		07/06/10 16:06
Modified Sobek	Sulfate Sulfur	0.29	%	0.01			N/A		07/06/10 13:52
Modified Sobek	Total Sulfur	1.01	%	0.01			W027091	BJF	07/01/10 09:18

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	1.7	TCaCO3/kT	0.3			N/A		07/07/10 08:30
Modified Sobek	AGP-HCl	16.8	TCaCO3/kT	0.3			N/A		07/07/10 08:30
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:06
Modified Sobek	Non-Sulfate Sulfur-HCl	0.58	%	0.01			W027091	KC	07/07/10 08:30
Modified Sobek	Pyritic Sulfur-HCl	0.54	%	0.01			N/A		07/07/10 08:30
Modified Sobek	Sulfate Sulfur-HCl	0.43	%	0.01			N/A		07/07/10 08:30
Modified Sobek	Total Sulfur	1.01	%	0.01			W027091	BJF	07/01/10 09:18

Classical Chemistry Parameters

ASA 9	Paste pH	7.86	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.44	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604767**SVL Sample ID: **W0F0637-04 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-50.0	TCaCO3/kT	0.3			N/A		07/06/10 16:09
Modified Sobek	AGP	66.7	TCaCO3/kT	0.3			N/A		07/06/10 16:09
Modified Sobek	ANP	16.7	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01			W027091	BJF	07/06/10 16:09
Modified Sobek	Non-Sulfate Sulfur	2.23	%	0.01			W027091	BJF	07/06/10 13:56
Modified Sobek	Pyritic Sulfur	2.13	%	0.01			N/A		07/06/10 16:09
Modified Sobek	Sulfate Sulfur	0.72	%	0.01			N/A		07/06/10 13:56
Modified Sobek	Total Sulfur	2.95	%	0.01			W027091	BJF	07/01/10 09:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-46.3	TCaCO3/kT	0.3			N/A		07/07/10 08:35
Modified Sobek	AGP-HCl	63.0	TCaCO3/kT	0.3			N/A		07/07/10 08:35
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01			W027091	BJF	07/06/10 16:09
Modified Sobek	Non-Sulfate Sulfur-HCl	2.11	%	0.01			W027091	KC	07/07/10 08:35
Modified Sobek	Pyritic Sulfur-HCl	2.01	%	0.01			N/A		07/07/10 08:35
Modified Sobek	Sulfate Sulfur-HCl	0.84	%	0.01			N/A		07/07/10 08:35
Modified Sobek	Total Sulfur	2.95	%	0.01			W027091	BJF	07/01/10 09:21

Classical Chemistry Parameters

ASA 9	Paste pH	7.88	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	3.21	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	4.76	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	12.5	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604787**SVL Sample ID: **W0F0637-05 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-0.3	TCaCO3/kT	0.3			N/A		07/06/10 16:17
Modified Sobek	AGP	30.4	TCaCO3/kT	0.3			N/A		07/06/10 16:17
Modified Sobek	ANP	30.1	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.18	%	0.01			W027091	BJF	07/06/10 16:17
Modified Sobek	Non-Sulfate Sulfur	1.15	%	0.01			W027091	BJF	07/06/10 14:01
Modified Sobek	Pyritic Sulfur	0.97	%	0.01			N/A		07/06/10 16:17
Modified Sobek	Sulfate Sulfur	0.30	%	0.01			N/A		07/06/10 14:01
Modified Sobek	Total Sulfur	1.45	%	0.01			W027091	BJF	07/01/10 09:23

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	7.0	TCaCO3/kT	0.3			N/A		07/07/10 08:40
Modified Sobek	AGP-HCl	23.1	TCaCO3/kT	0.3			N/A		07/07/10 08:40
Modified Sobek	Non-extractable Sulfur	0.18	%	0.01			W027091	BJF	07/06/10 16:17
Modified Sobek	Non-Sulfate Sulfur-HCl	0.92	%	0.01			W027091	KC	07/07/10 08:40
Modified Sobek	Pyritic Sulfur-HCl	0.74	%	0.01			N/A		07/07/10 08:40
Modified Sobek	Sulfate Sulfur-HCl	0.53	%	0.01			N/A		07/07/10 08:40
Modified Sobek	Total Sulfur	1.45	%	0.01			W027091	BJF	07/01/10 09:23

Classical Chemistry Parameters

ASA 9	Paste pH	8.02	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.00	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604790**SVL Sample ID: **W0F0637-06 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-7.3	TCaCO3/kT	0.3			N/A		07/06/10 16:20
Modified Sobek	AGP	36.0	TCaCO3/kT	0.3			N/A		07/06/10 16:20
Modified Sobek	ANP	28.7	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027091	BJF	07/06/10 16:20
Modified Sobek	Non-Sulfate Sulfur	1.24	%	0.01			W027091	BJF	07/06/10 14:05
Modified Sobek	Pyritic Sulfur	1.15	%	0.01			N/A		07/06/10 16:20
Modified Sobek	Sulfate Sulfur	0.38	%	0.01			N/A		07/06/10 14:05
Modified Sobek	Total Sulfur	1.62	%	0.01			W027091	BJF	07/01/10 09:26

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	0.6	TCaCO3/kT	0.3			N/A		07/07/10 08:45
Modified Sobek	AGP-HCl	28.1	TCaCO3/kT	0.3			N/A		07/07/10 08:45
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027091	BJF	07/06/10 16:20
Modified Sobek	Non-Sulfate Sulfur-HCl	0.99	%	0.01			W027091	KC	07/07/10 08:45
Modified Sobek	Pyritic Sulfur-HCl	0.90	%	0.01			N/A		07/07/10 08:45
Modified Sobek	Sulfate Sulfur-HCl	0.63	%	0.01			N/A		07/07/10 08:45
Modified Sobek	Total Sulfur	1.62	%	0.01			W027091	BJF	07/01/10 09:26

Classical Chemistry Parameters

ASA 9	Paste pH	8.21	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.68	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604804**SVL Sample ID: **W0F0637-07 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-17.0	TCaCO3/kT	0.3			N/A		07/06/10 16:22
Modified Sobek	AGP	36.9	TCaCO3/kT	0.3			N/A		07/06/10 16:22
Modified Sobek	ANP	19.9	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:22
Modified Sobek	Non-Sulfate Sulfur	1.20	%	0.01			W027091	BJF	07/06/10 15:01
Modified Sobek	Pyritic Sulfur	1.18	%	0.01			N/A		07/06/10 16:22
Modified Sobek	Sulfate Sulfur	0.31	%	0.01			N/A		07/06/10 15:01
Modified Sobek	Total Sulfur	1.51	%	0.01			W027091	BJF	07/01/10 09:29

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-11.7	TCaCO3/kT	0.3			N/A		07/07/10 08:49
Modified Sobek	AGP-HCl	31.6	TCaCO3/kT	0.3			N/A		07/07/10 08:49
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:22
Modified Sobek	Non-Sulfate Sulfur-HCl	1.03	%	0.01			W027091	KC	07/07/10 08:49
Modified Sobek	Pyritic Sulfur-HCl	1.01	%	0.01			N/A		07/07/10 08:49
Modified Sobek	Sulfate Sulfur-HCl	0.48	%	0.01			N/A		07/07/10 08:49
Modified Sobek	Total Sulfur	1.51	%	0.01			W027091	BJF	07/01/10 09:29

Classical Chemistry Parameters

ASA 9	Paste pH	8.22	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.35	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604811**SVL Sample ID: **W0F0637-08 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-3.9	TCaCO3/kT	0.3			N/A		07/06/10 16:25
Modified Sobek	AGP	35.8	TCaCO3/kT	0.3			N/A		07/06/10 16:25
Modified Sobek	ANP	32.0	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:25
Modified Sobek	Non-Sulfate Sulfur	1.18	%	0.01			W027091	BJF	07/06/10 15:04
Modified Sobek	Pyritic Sulfur	1.15	%	0.01			N/A		07/06/10 16:25
Modified Sobek	Sulfate Sulfur	0.53	%	0.01			N/A		07/06/10 15:04
Modified Sobek	Total Sulfur	1.71	%	0.01			W027091	BJF	07/01/10 09:37

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-5.1	TCaCO3/kT	0.3			N/A		07/07/10 09:00
Modified Sobek	AGP-HCl	37.1	TCaCO3/kT	0.3			N/A		07/07/10 09:00
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:25
Modified Sobek	Non-Sulfate Sulfur-HCl	1.22	%	0.01			W027091	KC	07/07/10 09:00
Modified Sobek	Pyritic Sulfur-HCl	1.19	%	0.01			N/A		07/07/10 09:00
Modified Sobek	Sulfate Sulfur-HCl	0.49	%	0.01			N/A		07/07/10 09:00
Modified Sobek	Total Sulfur	1.71	%	0.01			W027091	BJF	07/01/10 09:37

Classical Chemistry Parameters

ASA 9	Paste pH	7.93	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.42	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604849**SVL Sample ID: **W0F0637-09 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	24.4	TCaCO3/kT	0.3			N/A		07/06/10 16:28
Modified Sobek	AGP	25.2	TCaCO3/kT	0.3			N/A		07/06/10 16:28
Modified Sobek	ANP	49.6	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:28
Modified Sobek	Non-Sulfate Sulfur	0.83	%	0.01			W027091	BJF	07/06/10 15:07
Modified Sobek	Pyritic Sulfur	0.81	%	0.01			N/A		07/06/10 16:28
Modified Sobek	Sulfate Sulfur	0.43	%	0.01			N/A		07/06/10 15:07
Modified Sobek	Total Sulfur	1.26	%	0.01			W027091	BJF	07/01/10 09:40

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	21.3	TCaCO3/kT	0.3			N/A		07/07/10 09:04
Modified Sobek	AGP-HCl	28.2	TCaCO3/kT	0.3			N/A		07/07/10 09:04
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:28
Modified Sobek	Non-Sulfate Sulfur-HCl	0.92	%	0.01			W027091	KC	07/07/10 09:04
Modified Sobek	Pyritic Sulfur-HCl	0.90	%	0.01			N/A		07/07/10 09:04
Modified Sobek	Sulfate Sulfur-HCl	0.34	%	0.01			N/A		07/07/10 09:04
Modified Sobek	Total Sulfur	1.26	%	0.01			W027091	BJF	07/01/10 09:40

Classical Chemistry Parameters

ASA 9	Paste pH	8.06	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.24	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604854**SVL Sample ID: **W0F0637-10 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-20.5	TCaCO3/kT	0.3			N/A		07/06/10 16:30
Modified Sobek	AGP	43.7	TCaCO3/kT	0.3			N/A		07/06/10 16:30
Modified Sobek	ANP	23.2	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:30
Modified Sobek	Non-Sulfate Sulfur	1.44	%	0.01			W027091	BJF	07/06/10 15:11
Modified Sobek	Pyritic Sulfur	1.40	%	0.01			N/A		07/06/10 16:30
Modified Sobek	Sulfate Sulfur	0.42	%	0.01			N/A		07/06/10 15:11
Modified Sobek	Total Sulfur	1.86	%	0.01			W027091	BJF	07/01/10 09:43

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-6.1	TCaCO3/kT	0.3			N/A		07/07/10 09:07
Modified Sobek	AGP-HCl	29.2	TCaCO3/kT	0.3			N/A		07/07/10 09:07
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:30
Modified Sobek	Non-Sulfate Sulfur-HCl	0.98	%	0.01			W027091	KC	07/07/10 09:07
Modified Sobek	Pyritic Sulfur-HCl	0.94	%	0.01			N/A		07/07/10 09:07
Modified Sobek	Sulfate Sulfur-HCl	0.88	%	0.01			N/A		07/07/10 09:07
Modified Sobek	Total Sulfur	1.86	%	0.01			W027091	BJF	07/01/10 09:43

Classical Chemistry Parameters

ASA 9	Paste pH	8.15	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	5.08	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604862**SVL Sample ID: **W0F0637-11 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	3.6	TCaCO3/kT	0.3			N/A		07/06/10 16:33
Modified Sobek	AGP	36.2	TCaCO3/kT	0.3			N/A		07/06/10 16:33
Modified Sobek	ANP	39.8	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.12	%	0.01			W027091	BJF	07/06/10 16:33
Modified Sobek	Non-Sulfate Sulfur	1.28	%	0.01			W027091	BJF	07/06/10 15:16
Modified Sobek	Pyritic Sulfur	1.16	%	0.01			N/A		07/06/10 16:33
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		07/06/10 15:16
Modified Sobek	Total Sulfur	1.56	%	0.01			W027091	BJF	07/01/10 09:45

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	20.6	TCaCO3/kT	0.3			N/A		07/07/10 09:09
Modified Sobek	AGP-HCl	19.2	TCaCO3/kT	0.3			N/A		07/07/10 09:09
Modified Sobek	Non-extractable Sulfur	0.12	%	0.01			W027091	BJF	07/06/10 16:33
Modified Sobek	Non-Sulfate Sulfur-HCl	0.74	%	0.01			W027091	KC	07/07/10 09:09
Modified Sobek	Pyritic Sulfur-HCl	0.62	%	0.01			N/A		07/07/10 09:09
Modified Sobek	Sulfate Sulfur-HCl	0.82	%	0.01			N/A		07/07/10 09:09
Modified Sobek	Total Sulfur	1.56	%	0.01			W027091	BJF	07/01/10 09:45

Classical Chemistry Parameters

ASA 9	Paste pH	8.04	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.28	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604867**SVL Sample ID: **W0F0637-12 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-46.4	TCaCO3/kT	0.3			N/A		07/06/10 16:36
Modified Sobek	AGP	73.3	TCaCO3/kT	0.3			N/A		07/06/10 16:36
Modified Sobek	ANP	26.9	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.32	%	0.01			W027091	BJF	07/06/10 16:36
Modified Sobek	Non-Sulfate Sulfur	2.66	%	0.01			W027091	BJF	07/06/10 15:20
Modified Sobek	Pyritic Sulfur	2.34	%	0.01			N/A		07/06/10 16:36
Modified Sobek	Sulfate Sulfur	0.65	%	0.01			N/A		07/06/10 15:20
Modified Sobek	Total Sulfur	3.31	%	0.01			W027091	BJF	07/01/10 09:48

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-27.0	TCaCO3/kT	0.3			N/A		07/07/10 09:14
Modified Sobek	AGP-HCl	53.9	TCaCO3/kT	0.3			N/A		07/07/10 09:14
Modified Sobek	Non-extractable Sulfur	0.32	%	0.01			W027091	BJF	07/06/10 16:36
Modified Sobek	Non-Sulfate Sulfur-HCl	2.04	%	0.01			W027091	KC	07/07/10 09:14
Modified Sobek	Pyritic Sulfur-HCl	1.72	%	0.01			N/A		07/07/10 09:14
Modified Sobek	Sulfate Sulfur-HCl	1.27	%	0.01			N/A		07/07/10 09:14
Modified Sobek	Total Sulfur	3.31	%	0.01			W027091	BJF	07/01/10 09:48

Classical Chemistry Parameters

ASA 9	Paste pH	8.03	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	4.24	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604880**SVL Sample ID: **W0F0637-13 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	7.8	TCaCO3/kT	0.3			N/A		07/06/10 16:38
Modified Sobek	AGP	13.5	TCaCO3/kT	0.3			N/A		07/06/10 16:38
Modified Sobek	ANP	21.3	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:38
Modified Sobek	Non-Sulfate Sulfur	0.46	%	0.01			W027091	BJF	07/06/10 15:23
Modified Sobek	Pyritic Sulfur	0.43	%	0.01			N/A		07/06/10 16:38
Modified Sobek	Sulfate Sulfur	0.18	%	0.01			N/A		07/06/10 15:23
Modified Sobek	Total Sulfur	0.64	%	0.01			W027091	BJF	07/01/10 09:51

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	9.1	TCaCO3/kT	0.3			N/A		07/07/10 09:17
Modified Sobek	AGP-HCl	12.2	TCaCO3/kT	0.3			N/A		07/07/10 09:17
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 16:38
Modified Sobek	Non-Sulfate Sulfur-HCl	0.41	%	0.01			W027091	KC	07/07/10 09:17
Modified Sobek	Pyritic Sulfur-HCl	0.39	%	0.01			N/A		07/07/10 09:17
Modified Sobek	Sulfate Sulfur-HCl	0.23	%	0.01			N/A		07/07/10 09:17
Modified Sobek	Total Sulfur	0.64	%	0.01			W027091	BJF	07/01/10 09:51

Classical Chemistry Parameters

ASA 9	Paste pH	8.65	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	9.37	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604889**SVL Sample ID: **W0F0637-14 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	9.0	TCaCO3/kT	0.3			N/A		07/06/10 16:41
Modified Sobek	AGP	23.9	TCaCO3/kT	0.3			N/A		07/06/10 16:41
Modified Sobek	ANP	32.9	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:41
Modified Sobek	Non-Sulfate Sulfur	0.81	%	0.01			W027091	BJF	07/06/10 15:26
Modified Sobek	Pyritic Sulfur	0.77	%	0.01			N/A		07/06/10 16:41
Modified Sobek	Sulfate Sulfur	0.31	%	0.01			N/A		07/06/10 15:26
Modified Sobek	Total Sulfur	1.12	%	0.01			W027091	BJF	07/01/10 09:54

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	12.8	TCaCO3/kT	0.3			N/A		07/07/10 09:19
Modified Sobek	AGP-HCl	20.1	TCaCO3/kT	0.3			N/A		07/07/10 09:19
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:41
Modified Sobek	Non-Sulfate Sulfur-HCl	0.68	%	0.01			W027091	KC	07/07/10 09:19
Modified Sobek	Pyritic Sulfur-HCl	0.64	%	0.01			N/A		07/07/10 09:19
Modified Sobek	Sulfate Sulfur-HCl	0.44	%	0.01			N/A		07/07/10 09:19
Modified Sobek	Total Sulfur	1.12	%	0.01			W027091	BJF	07/01/10 09:54

Classical Chemistry Parameters

ASA 9	Paste pH	8.34	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.44	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **604898**SVL Sample ID: **W0F0637-15 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	15.0	TCaCO3/kT	0.3			N/A		07/06/10 16:49
Modified Sobek	AGP	24.8	TCaCO3/kT	0.3			N/A		07/06/10 16:49
Modified Sobek	ANP	39.8	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:49
Modified Sobek	Non-Sulfate Sulfur	0.84	%	0.01			W027091	BJF	07/06/10 15:29
Modified Sobek	Pyritic Sulfur	0.79	%	0.01			N/A		07/06/10 16:49
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		07/06/10 15:29
Modified Sobek	Total Sulfur	1.03	%	0.01			W027091	BJF	07/01/10 09:56

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	20.5	TCaCO3/kT	0.3			N/A		07/07/10 09:22
Modified Sobek	AGP-HCl	19.4	TCaCO3/kT	0.3			N/A		07/07/10 09:22
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027091	BJF	07/06/10 16:49
Modified Sobek	Non-Sulfate Sulfur-HCl	0.66	%	0.01			W027091	KC	07/07/10 09:22
Modified Sobek	Pyritic Sulfur-HCl	0.62	%	0.01			N/A		07/07/10 09:22
Modified Sobek	Sulfate Sulfur-HCl	0.37	%	0.01			N/A		07/07/10 09:22
Modified Sobek	Total Sulfur	1.03	%	0.01			W027091	BJF	07/01/10 09:56

Classical Chemistry Parameters

ASA 9	Paste pH	8.44	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.64	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **605001**SVL Sample ID: **W0F0637-16 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-54.2	TCaCO3/kT	0.3			N/A		07/06/10 16:52
Modified Sobek	AGP	64.9	TCaCO3/kT	0.3			N/A		07/06/10 16:52
Modified Sobek	ANP	10.7	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027091	BJF	07/06/10 16:52
Modified Sobek	Non-Sulfate Sulfur	2.17	%	0.01			W027091	BJF	07/06/10 15:33
Modified Sobek	Pyritic Sulfur	2.08	%	0.01			N/A		07/06/10 16:52
Modified Sobek	Sulfate Sulfur	0.33	%	0.01			N/A		07/06/10 15:33
Modified Sobek	Total Sulfur	2.50	%	0.01			W027091	BJF	07/01/10 09:59

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-28.6	TCaCO3/kT	0.3			N/A		07/07/10 09:25
Modified Sobek	AGP-HCl	39.2	TCaCO3/kT	0.3			N/A		07/07/10 09:25
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027091	BJF	07/06/10 16:52
Modified Sobek	Non-Sulfate Sulfur-HCl	1.35	%	0.01			W027091	KC	07/07/10 09:25
Modified Sobek	Pyritic Sulfur-HCl	1.26	%	0.01			N/A		07/07/10 09:25
Modified Sobek	Sulfate Sulfur-HCl	1.15	%	0.01			N/A		07/07/10 09:25
Modified Sobek	Total Sulfur	2.50	%	0.01			W027091	BJF	07/01/10 09:59

Classical Chemistry Parameters

ASA 9	Paste pH	7.77	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	2.75	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	10.1	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	15.7	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **605013**SVL Sample ID: **W0F0637-17 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-42.8	TCaCO3/kT	0.3			N/A		07/06/10 16:55
Modified Sobek	AGP	78.9	TCaCO3/kT	0.3			N/A		07/06/10 16:55
Modified Sobek	ANP	36.1	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01			W027091	BJF	07/06/10 16:55
Modified Sobek	Non-Sulfate Sulfur	2.59	%	0.01			W027091	BJF	07/06/10 15:42
Modified Sobek	Pyritic Sulfur	2.52	%	0.01			N/A		07/06/10 16:55
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		07/06/10 15:42
Modified Sobek	Total Sulfur	2.83	%	0.01			W027091	BJF	07/01/10 10:07

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-27.8	TCaCO3/kT	0.3			N/A		07/07/10 09:35
Modified Sobek	AGP-HCl	63.9	TCaCO3/kT	0.3			N/A		07/07/10 09:35
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01			W027091	BJF	07/06/10 16:55
Modified Sobek	Non-Sulfate Sulfur-HCl	2.11	%	0.01			W027091	KC	07/07/10 09:35
Modified Sobek	Pyritic Sulfur-HCl	2.04	%	0.01			N/A		07/07/10 09:35
Modified Sobek	Sulfate Sulfur-HCl	0.72	%	0.01			N/A		07/07/10 09:35
Modified Sobek	Total Sulfur	2.83	%	0.01			W027091	BJF	07/01/10 10:07

Classical Chemistry Parameters

ASA 9	Paste pH	8.07	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	7.91	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **605033**SVL Sample ID: **W0F0637-18 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	1.2	TCaCO3/kT	0.3			N/A		07/06/10 16:57
Modified Sobek	AGP	28.0	TCaCO3/kT	0.3			N/A		07/06/10 16:57
Modified Sobek	ANP	29.2	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:57
Modified Sobek	Non-Sulfate Sulfur	0.92	%	0.01			W027091	BJF	07/06/10 15:45
Modified Sobek	Pyritic Sulfur	0.90	%	0.01			N/A		07/06/10 16:57
Modified Sobek	Sulfate Sulfur	0.33	%	0.01			N/A		07/06/10 15:45
Modified Sobek	Total Sulfur	1.25	%	0.01			W027091	BJF	07/01/10 10:10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	7.4	TCaCO3/kT	0.3			N/A		07/07/10 09:38
Modified Sobek	AGP-HCl	21.8	TCaCO3/kT	0.3			N/A		07/07/10 09:38
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 16:57
Modified Sobek	Non-Sulfate Sulfur-HCl	0.73	%	0.01			W027091	KC	07/07/10 09:38
Modified Sobek	Pyritic Sulfur-HCl	0.70	%	0.01			N/A		07/07/10 09:38
Modified Sobek	Sulfate Sulfur-HCl	0.52	%	0.01			N/A		07/07/10 09:38
Modified Sobek	Total Sulfur	1.25	%	0.01			W027091	BJF	07/01/10 10:10

Classical Chemistry Parameters

ASA 9	Paste pH	8.17	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.30	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **605039**SVL Sample ID: **W0F0637-19 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-16.5	TCaCO3/kT	0.3			N/A		07/06/10 17:00
Modified Sobek	AGP	40.5	TCaCO3/kT	0.3			N/A		07/06/10 17:00
Modified Sobek	ANP	24.1	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 17:00
Modified Sobek	Non-Sulfate Sulfur	1.32	%	0.01			W027091	BJF	07/06/10 15:49
Modified Sobek	Pyritic Sulfur	1.30	%	0.01			N/A		07/06/10 17:00
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		07/06/10 15:49
Modified Sobek	Total Sulfur	1.51	%	0.01			W027091	BJF	07/01/10 10:13

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-4.9	TCaCO3/kT	0.3			N/A		07/07/10 09:41
Modified Sobek	AGP-HCl	29.0	TCaCO3/kT	0.3			N/A		07/07/10 09:41
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027091	BJF	07/06/10 17:00
Modified Sobek	Non-Sulfate Sulfur-HCl	0.95	%	0.01			W027091	KC	07/07/10 09:41
Modified Sobek	Pyritic Sulfur-HCl	0.93	%	0.01			N/A		07/07/10 09:41
Modified Sobek	Sulfate Sulfur-HCl	0.56	%	0.01			N/A		07/07/10 09:41
Modified Sobek	Total Sulfur	1.51	%	0.01			W027091	BJF	07/01/10 10:13

Classical Chemistry Parameters

ASA 9	Paste pH	8.28	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	8.44	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Client Sample ID: **605078**SVL Sample ID: **W0F0637-20 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-16.1	TCaCO3/kT	0.3			N/A		07/06/10 17:03
Modified Sobek	AGP	54.5	TCaCO3/kT	0.3			N/A		07/06/10 17:03
Modified Sobek	ANP	38.4	TCaCO3/kT	0.3	0.01		W027091	HJG	07/02/10 12:26
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 17:03
Modified Sobek	Non-Sulfate Sulfur	1.78	%	0.01			W027091	BJF	07/06/10 15:53
Modified Sobek	Pyritic Sulfur	1.75	%	0.01			N/A		07/06/10 17:03
Modified Sobek	Sulfate Sulfur	0.25	%	0.01			N/A		07/06/10 15:53
Modified Sobek	Total Sulfur	2.03	%	0.01			W027091	BJF	07/01/10 10:16

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-9.8	TCaCO3/kT	0.3			N/A		07/07/10 09:46
Modified Sobek	AGP-HCl	48.3	TCaCO3/kT	0.3			N/A		07/07/10 09:46
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01			W027091	BJF	07/06/10 17:03
Modified Sobek	Non-Sulfate Sulfur-HCl	1.58	%	0.01			W027091	KC	07/07/10 09:46
Modified Sobek	Pyritic Sulfur-HCl	1.55	%	0.01			N/A		07/07/10 09:46
Modified Sobek	Sulfate Sulfur-HCl	0.45	%	0.01			N/A		07/07/10 09:46
Modified Sobek	Total Sulfur	2.03	%	0.01			W027091	BJF	07/01/10 10:16

Classical Chemistry Parameters

ASA 9	Paste pH	8.28	pH Units				W027104	LMG	07/08/10 11:12
NAG	NAG pH	9.17	pH Units				W027096	KC	07/07/10 15:41
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027096	KC	07/07/10 15:41

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.01	0.3	W027091	02-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	<0.01		0.01	W027091	06-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027091	01-Jul-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027091	06-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01		0.01	W027091	07-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027091	01-Jul-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027091	06-Jul-10

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	22.7	24.9	91.2	80 - 120	W027091	02-Jul-10
Modified Sobek	Total Sulfur	%	3.57	3.21	111	80 - 120	W027091	01-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	3.57	3.21	111	80 - 120	W027091	01-Jul-10
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Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	6.49	6.36	102	80 - 120	W027104	08-Jul-10
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	30.1	32.4	7.4	20	W027091	02-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	0.94	0.48	64.0	20	W027091	06-Jul-10
Modified Sobek	Total Sulfur	%	0.88	0.88	0.6	20	W027091	01-Jul-10
Modified Sobek	Non-extractable Sulfur	%	0.01	0.03	97.3	20	W027091	06-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.52	0.53	0.4	20	W027091	07-Jul-10
Modified Sobek	Total Sulfur	%	0.88	0.88	0.6	20	W027091	01-Jul-10
Modified Sobek	Non-extractable Sulfur	%	0.01	0.03	97.3	20	W027091	06-Jul-10

Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	8.04	8.04	0.0	20	W027104	08-Jul-10
ASA 9	Paste pH	pH Units	8.41	8.39	0.2	20	W027104	08-Jul-10
NAG	NAG pH	pH Units	9.24	8.63	6.8	20	W027096	07-Jul-10
NAG	NAG@pH 4.5	kg H2SO4/T	0.00	0.00		20	W027096	07-Jul-10
NAG	NAG@pH 7	kg H2SO4/T	0.00	0.00		20	W027096	07-Jul-10

SVL holds the following certifications: AZ:0538, CA:2080, CO:ID00019, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology),

NV:ID000192007A, WA:1268, WY:ID00019



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0637
Reported: 09-Jul-10 09:24

Notes and Definitions

R2	RPD exceeded the laboratory acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable



CHAIN OF CUSTODY RECORD

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Page 5 of 8

FOR SVL USE ONLY
SVL JOB #

TEMP on Receipt WOF0627

Report to Company:	McClelland Labs Inc.	Invoice Sent To:	Same
Contact:	Gene McClelland	Contact:	
Address:	1016 Greg Street	Address:	
Phone Number:	Sparks NV 89431	Phone Number:	
FAX Number:	775-356-1300	FAX Number:	
E-mail:	mli@mettest.com	PO#:	

Indicate State of sample origination: _____

Please take care to distinguish between:
 1 and I
 2 and Z
 5 and S
 Ø and O
 Thanks!

USACE? Yes No

Analyses Required

Mod ABA w/paste PH
 (hot water, HCl, and HNO₃)
 Australian NAG

Rush Instructions (Days)

Comments
 Copy to:
 McClelland Labs
 1016 Greg St.
 Sparks, NV 89431
 mli@mettest.com

	Sample ID	Collection Date	Time	Misc.	Preservative(s)	Matrix Type (From Table 1)	Collected by: (Init.)	No. of Contaminants	HNO ₃ Filtered	HNO ₃ Unfiltered	HCl	H ₂ SO ₄	NaOH	Other (Specify)
1	604695	6/24/02	9:10	RJ	3	1			X	X	X			
2	604734													
3	604755													
4	604767													
5	604787													
6	604790													
7	604804													
8	604811													
9	604849													
10	604854													

* Sample Reject: Return Dispose Store (30 Days)
 Relinquished by: Kurt G. Received by: Tim G. Cox Date: 6/22/02 Time: 10:22 AM
 Relinquished by: Kurt G. Received by: Tim G. Cox Date: 6/24/02 Time: 10:22 AM

White: LAB COPY Yellow: CUSTOMER COPY

* No date or time on sample labels. 6/24/02 6/24/02 6/24/02

SVL-COC 9/05



CHAIN OF CUSTODY RECORD

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Page 6 of 8

FOR SVL USE ONLY
SVL JOB #

100FOle37

Report to Company:	McClelland Labs Inc.	Invoice Sent To:	Same
Contact:	Gene McClelland	Contact:	
Address:	1016 Greg Street	Address:	
Phone Number:	Sparks NV 89431	Phone Number:	
FAX Number:	775-356-1300	FAX Number:	
E-mail:	mli@mettest.com	E-mail:	

Indicate State of sample origination:

USACE? Yes No

Analyses Required

Rush Instructions (Days)

Comments

Table 1 -- Matrix Type	
1 = Surface Water	2 = Ground Water
3 = Soil/Sediment	4 = Rinsate
5 = Oil	6 = Waste
7 = Other	

Project Name: 3438

Sampler's Signature: *[Signature]*

Date: Time:

Date: Time:</



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Sampled By	Date Received
605109	W0F0638-01	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605143	W0F0638-02	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605152	W0F0638-03	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605153	W0F0638-04	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605154	W0F0638-05	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605175	W0F0638-06	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605182	W0F0638-07	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605184	W0F0638-08	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605193	W0F0638-09	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605200	W0F0638-10	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605209	W0F0638-11	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605218	W0F0638-12	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605234	W0F0638-13	Soil	22-Jun-10 09:00	RJ	24-Jun-2010
605518	W0F0638-14	Soil	22-Jun-10 09:00	RJ	24-Jun-2010

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605109**SVL Sample ID: **W0F0638-01 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	16.0	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	18.0	TCaCO3/kT	0.3			N/A		07/07/10 12:51
Modified Sobek	ANP	34.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:25
Modified Sobek	Non-Sulfate Sulfur	0.59	%	0.01			W027092	BJF	07/07/10 12:51
Modified Sobek	Pyritic Sulfur	0.58	%	0.01			N/A		07/07/10 12:51
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		07/07/10 12:51
Modified Sobek	Total Sulfur	0.84	%	0.01			W027092	BJF	06/29/10 12:45

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	17.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	16.2	TCaCO3/kT	0.3			N/A		07/07/10 11:25
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:25
Modified Sobek	Non-Sulfate Sulfur-HCl	0.54	%	0.01			W027092	BJF	07/07/10 09:54
Modified Sobek	Pyritic Sulfur-HCl	0.52	%	0.01			N/A		07/07/10 11:25
Modified Sobek	Sulfate Sulfur-HCl	0.30	%	0.01			N/A		07/07/10 09:54
Modified Sobek	Total Sulfur	0.84	%	0.01			W027092	BJF	06/29/10 12:45

Classical Chemistry Parameters

ASA 9	Paste pH	8.43	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.41	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605143**SVL Sample ID: **W0F0638-02 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	11.2	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	21.3	TCaCO3/kT	0.3			N/A		07/07/10 12:54
Modified Sobek	ANP	32.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:28
Modified Sobek	Non-Sulfate Sulfur	0.70	%	0.01			W027092	BJF	07/07/10 12:54
Modified Sobek	Pyritic Sulfur	0.68	%	0.01			N/A		07/07/10 12:54
Modified Sobek	Sulfate Sulfur	0.13	%	0.01			N/A		07/07/10 12:54
Modified Sobek	Total Sulfur	0.83	%	0.01			W027092	BJF	06/29/10 12:54

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	16.7	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	15.7	TCaCO3/kT	0.3			N/A		07/07/10 11:28
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:28
Modified Sobek	Non-Sulfate Sulfur-HCl	0.52	%	0.01			W027092	BJF	07/07/10 09:57
Modified Sobek	Pyritic Sulfur-HCl	0.50	%	0.01			N/A		07/07/10 11:28
Modified Sobek	Sulfate Sulfur-HCl	0.31	%	0.01			N/A		07/07/10 09:57
Modified Sobek	Total Sulfur	0.83	%	0.01			W027092	BJF	06/29/10 12:54

Classical Chemistry Parameters

ASA 9	Paste pH	8.30	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.30	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605152**SVL Sample ID: **W0F0638-03 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	30.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	14.2	TCaCO3/kT	0.3			N/A		07/07/10 12:57
Modified Sobek	ANP	45.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:30
Modified Sobek	Non-Sulfate Sulfur	0.47	%	0.01			W027092	BJF	07/07/10 12:57
Modified Sobek	Pyritic Sulfur	0.45	%	0.01			N/A		07/07/10 12:57
Modified Sobek	Sulfate Sulfur	0.04	%	0.01			N/A		07/07/10 12:57
Modified Sobek	Total Sulfur	0.51	%	0.01			W027092	BJF	06/29/10 12:57

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	33.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	11.2	TCaCO3/kT	0.3			N/A		07/07/10 11:30
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:30
Modified Sobek	Non-Sulfate Sulfur-HCl	0.38	%	0.01			W027092	BJF	07/07/10 09:59
Modified Sobek	Pyritic Sulfur-HCl	0.36	%	0.01			N/A		07/07/10 11:30
Modified Sobek	Sulfate Sulfur-HCl	0.14	%	0.01			N/A		07/07/10 09:59
Modified Sobek	Total Sulfur	0.51	%	0.01			W027092	BJF	06/29/10 12:57

Classical Chemistry Parameters

ASA 9	Paste pH	8.48	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.16	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605153**SVL Sample ID: **W0F0638-04 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	26.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	15.2	TCaCO3/kT	0.3			N/A		07/07/10 13:00
Modified Sobek	ANP	42.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027092	BJF	07/07/10 11:33
Modified Sobek	Non-Sulfate Sulfur	0.49	%	0.01			W027092	BJF	07/07/10 13:00
Modified Sobek	Pyritic Sulfur	0.49	%	0.01			N/A		07/07/10 13:00
Modified Sobek	Sulfate Sulfur	0.13	%	0.01			N/A		07/07/10 13:00
Modified Sobek	Total Sulfur	0.62	%	0.01			W027092	BJF	06/29/10 13:00

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	28.0	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	14.0	TCaCO3/kT	0.3			N/A		07/07/10 11:33
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027092	BJF	07/07/10 11:33
Modified Sobek	Non-Sulfate Sulfur-HCl	0.45	%	0.01			W027092	BJF	07/07/10 10:02
Modified Sobek	Pyritic Sulfur-HCl	0.45	%	0.01			N/A		07/07/10 11:33
Modified Sobek	Sulfate Sulfur-HCl	0.17	%	0.01			N/A		07/07/10 10:02
Modified Sobek	Total Sulfur	0.62	%	0.01			W027092	BJF	06/29/10 13:00

Classical Chemistry Parameters

ASA 9	Paste pH	8.60	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.56	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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Kellogg ID 83837-0929

(208) 784-1258

Fax (208) 783-0891

McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605154**SVL Sample ID: **W0F0638-05 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	24.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	12.7	TCaCO3/kT	0.3			N/A		07/07/10 13:03
Modified Sobek	ANP	37.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027092	BJF	07/07/10 11:36
Modified Sobek	Non-Sulfate Sulfur	0.41	%	0.01			W027092	BJF	07/07/10 13:03
Modified Sobek	Pyritic Sulfur	0.41	%	0.01			N/A		07/07/10 13:03
Modified Sobek	Sulfate Sulfur	0.13	%	0.01			N/A		07/07/10 13:03
Modified Sobek	Total Sulfur	0.54	%	0.01			W027092	BJF	06/29/10 13:03

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	26.9	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	10.6	TCaCO3/kT	0.3			N/A		07/07/10 11:36
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01			W027092	BJF	07/07/10 11:36
Modified Sobek	Non-Sulfate Sulfur-HCl	0.34	%	0.01			W027092	BJF	07/07/10 10:11
Modified Sobek	Pyritic Sulfur-HCl	0.34	%	0.01			N/A		07/07/10 11:36
Modified Sobek	Sulfate Sulfur-HCl	0.20	%	0.01			N/A		07/07/10 10:11
Modified Sobek	Total Sulfur	0.54	%	0.01			W027092	BJF	06/29/10 13:03

Classical Chemistry Parameters

ASA 9	Paste pH	8.47	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.40	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605175**SVL Sample ID: **W0F0638-06 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	29.5	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	12.0	TCaCO3/kT	0.3			N/A		07/07/10 13:06
Modified Sobek	ANP	41.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027092	BJF	07/07/10 11:38
Modified Sobek	Non-Sulfate Sulfur	0.40	%	0.01			W027092	BJF	07/07/10 13:06
Modified Sobek	Pyritic Sulfur	0.38	%	0.01			N/A		07/07/10 13:06
Modified Sobek	Sulfate Sulfur	0.09	%	0.01			N/A		07/07/10 13:06
Modified Sobek	Total Sulfur	0.49	%	0.01			W027092	BJF	06/29/10 13:05

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	30.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	10.7	TCaCO3/kT	0.3			N/A		07/07/10 11:38
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01			W027092	BJF	07/07/10 11:38
Modified Sobek	Non-Sulfate Sulfur-HCl	0.36	%	0.01			W027092	BJF	07/07/10 10:14
Modified Sobek	Pyritic Sulfur-HCl	0.34	%	0.01			N/A		07/07/10 11:38
Modified Sobek	Sulfate Sulfur-HCl	0.13	%	0.01			N/A		07/07/10 10:14
Modified Sobek	Total Sulfur	0.49	%	0.01			W027092	BJF	06/29/10 13:05

Classical Chemistry Parameters

ASA 9	Paste pH	8.68	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.73	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

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Nan Wilson
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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605182**SVL Sample ID: **W0F0638-07 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	26.7	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	9.3	TCaCO3/kT	0.3			N/A		07/07/10 13:09
Modified Sobek	ANP	36.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:41
Modified Sobek	Non-Sulfate Sulfur	0.32	%	0.01			W027092	BJF	07/07/10 13:09
Modified Sobek	Pyritic Sulfur	0.30	%	0.01			N/A		07/07/10 13:09
Modified Sobek	Sulfate Sulfur	0.09	%	0.01			N/A		07/07/10 13:09
Modified Sobek	Total Sulfur	0.40	%	0.01			W027092	BJF	06/29/10 13:08

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	27.3	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	8.6	TCaCO3/kT	0.3			N/A		07/07/10 11:41
Modified Sobek	Non-extractable Sulfur	0.02	%	0.01			W027092	BJF	07/07/10 11:41
Modified Sobek	Non-Sulfate Sulfur-HCl	0.29	%	0.01			W027092	BJF	07/07/10 10:16
Modified Sobek	Pyritic Sulfur-HCl	0.28	%	0.01			N/A		07/07/10 11:41
Modified Sobek	Sulfate Sulfur-HCl	0.11	%	0.01			N/A		07/07/10 10:16
Modified Sobek	Total Sulfur	0.40	%	0.01			W027092	BJF	06/29/10 13:08

Classical Chemistry Parameters

ASA 9	Paste pH	8.87	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	10.70	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

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1016 Greg Street
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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605184**SVL Sample ID: **W0F0638-08 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-60.9	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	74.4	TCaCO3/kT	0.3			N/A		07/07/10 13:20
Modified Sobek	ANP	13.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.25	%	0.01			W027092	BJF	07/07/10 11:49
Modified Sobek	Non-Sulfate Sulfur	2.63	%	0.01			W027092	BJF	07/07/10 13:20
Modified Sobek	Pyritic Sulfur	2.38	%	0.01			N/A		07/07/10 13:20
Modified Sobek	Sulfate Sulfur	0.48	%	0.01			N/A		07/07/10 13:20
Modified Sobek	Total Sulfur	3.11	%	0.01			W027092	BJF	06/29/10 13:11

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-43.4	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	56.9	TCaCO3/kT	0.3			N/A		07/07/10 11:49
Modified Sobek	Non-extractable Sulfur	0.25	%	0.01			W027092	BJF	07/07/10 11:49
Modified Sobek	Non-Sulfate Sulfur-HCl	2.07	%	0.01			W027092	BJF	07/07/10 10:21
Modified Sobek	Pyritic Sulfur-HCl	1.82	%	0.01			N/A		07/07/10 11:49
Modified Sobek	Sulfate Sulfur-HCl	1.04	%	0.01			N/A		07/07/10 10:21
Modified Sobek	Total Sulfur	3.11	%	0.01			W027092	BJF	06/29/10 13:11

Classical Chemistry Parameters

ASA 9	Paste pH	7.37	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	3.05	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	5.16	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	18.6	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605193**SVL Sample ID: **W0F0638-09 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-2.9	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	32.3	TCaCO3/kT	0.3			N/A		07/07/10 13:23
Modified Sobek	ANP	29.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027092	BJF	07/07/10 11:52
Modified Sobek	Non-Sulfate Sulfur	1.07	%	0.01			W027092	BJF	07/07/10 13:23
Modified Sobek	Pyritic Sulfur	1.03	%	0.01			N/A		07/07/10 13:23
Modified Sobek	Sulfate Sulfur	0.41	%	0.01			N/A		07/07/10 13:23
Modified Sobek	Total Sulfur	1.48	%	0.01			W027092	BJF	06/29/10 13:14

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-3.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	33.3	TCaCO3/kT	0.3			N/A		07/07/10 11:52
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01			W027092	BJF	07/07/10 11:52
Modified Sobek	Non-Sulfate Sulfur-HCl	1.10	%	0.01			W027092	BJF	07/07/10 10:26
Modified Sobek	Pyritic Sulfur-HCl	1.06	%	0.01			N/A		07/07/10 11:52
Modified Sobek	Sulfate Sulfur-HCl	0.38	%	0.01			N/A		07/07/10 10:26
Modified Sobek	Total Sulfur	1.48	%	0.01			W027092	BJF	06/29/10 13:14

Classical Chemistry Parameters

ASA 9	Paste pH	8.04	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.40	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

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Nan Wilson
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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605200**SVL Sample ID: **W0F0638-10 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-49.2	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	64.7	TCaCO3/kT	0.3			N/A		07/07/10 13:28
Modified Sobek	ANP	15.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01			W027092	BJF	07/07/10 11:54
Modified Sobek	Non-Sulfate Sulfur	2.20	%	0.01			W027092	BJF	07/07/10 13:28
Modified Sobek	Pyritic Sulfur	2.07	%	0.01			N/A		07/07/10 13:28
Modified Sobek	Sulfate Sulfur	0.36	%	0.01			N/A		07/07/10 13:28
Modified Sobek	Total Sulfur	2.56	%	0.01			W027092	BJF	06/29/10 13:16

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-38.3	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	53.8	TCaCO3/kT	0.3			N/A		07/07/10 11:54
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01			W027092	BJF	07/07/10 11:54
Modified Sobek	Non-Sulfate Sulfur-HCl	1.85	%	0.01			W027092	BJF	07/07/10 10:30
Modified Sobek	Pyritic Sulfur-HCl	1.72	%	0.01			N/A		07/07/10 11:54
Modified Sobek	Sulfate Sulfur-HCl	0.71	%	0.01			N/A		07/07/10 10:30
Modified Sobek	Total Sulfur	2.56	%	0.01			W027092	BJF	06/29/10 13:16

Classical Chemistry Parameters

ASA 9	Paste pH	8.08	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	3.03	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	5.55	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	14.9	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605209**SVL Sample ID: **W0F0638-11 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-0.9	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	27.9	TCaCO3/kT	0.3			N/A		07/07/10 13:32
Modified Sobek	ANP	27.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027092	BJF	07/07/10 11:57
Modified Sobek	Non-Sulfate Sulfur	0.98	%	0.01			W027092	BJF	07/07/10 13:32
Modified Sobek	Pyritic Sulfur	0.89	%	0.01			N/A		07/07/10 13:32
Modified Sobek	Sulfate Sulfur	0.11	%	0.01			N/A		07/07/10 13:32
Modified Sobek	Total Sulfur	1.09	%	0.01			W027092	BJF	06/29/10 13:19

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	10.2	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	16.7	TCaCO3/kT	0.3			N/A		07/07/10 11:57
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027092	BJF	07/07/10 11:57
Modified Sobek	Non-Sulfate Sulfur-HCl	0.62	%	0.01			W027092	BJF	07/07/10 10:33
Modified Sobek	Pyritic Sulfur-HCl	0.54	%	0.01			N/A		07/07/10 11:57
Modified Sobek	Sulfate Sulfur-HCl	0.47	%	0.01			N/A		07/07/10 10:33
Modified Sobek	Total Sulfur	1.09	%	0.01			W027092	BJF	06/29/10 13:19

Classical Chemistry Parameters

ASA 9	Paste pH	8.10	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	9.18	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

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1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605218**SVL Sample ID: **W0F0638-12 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-15.3	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	29.3	TCaCO3/kT	0.3			N/A		07/07/10 13:34
Modified Sobek	ANP	14.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01			W027092	BJF	07/07/10 12:00
Modified Sobek	Non-Sulfate Sulfur	1.01	%	0.01			W027092	BJF	07/07/10 13:34
Modified Sobek	Pyritic Sulfur	0.94	%	0.01			N/A		07/07/10 13:34
Modified Sobek	Sulfate Sulfur	0.55	%	0.01			N/A		07/07/10 13:34
Modified Sobek	Total Sulfur	1.56	%	0.01			W027092	BJF	06/29/10 14:01

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-24.0	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	38.0	TCaCO3/kT	0.3			N/A		07/07/10 12:00
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01			W027092	BJF	07/07/10 12:00
Modified Sobek	Non-Sulfate Sulfur-HCl	1.29	%	0.01			W027092	BJF	07/07/10 10:38
Modified Sobek	Pyritic Sulfur-HCl	1.22	%	0.01			N/A		07/07/10 12:00
Modified Sobek	Sulfate Sulfur-HCl	0.27	%	0.01			N/A		07/07/10 10:38
Modified Sobek	Total Sulfur	1.56	%	0.01			W027092	BJF	06/29/10 14:01

Classical Chemistry Parameters

ASA 9	Paste pH	8.05	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	2.98	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	5.75	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	11.7	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605234**SVL Sample ID: **W0F0638-13 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-17.7	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	51.7	TCaCO3/kT	0.3			N/A		07/07/10 13:39
Modified Sobek	ANP	34.0	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01			W027092	BJF	07/07/10 12:02
Modified Sobek	Non-Sulfate Sulfur	1.73	%	0.01			W027092	BJF	07/07/10 13:39
Modified Sobek	Pyritic Sulfur	1.65	%	0.01			N/A		07/07/10 13:39
Modified Sobek	Sulfate Sulfur	0.22	%	0.01			N/A		07/07/10 13:39
Modified Sobek	Total Sulfur	1.95	%	0.01			W027092	BJF	06/29/10 14:04

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-5.9	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	39.8	TCaCO3/kT	0.3			N/A		07/07/10 12:02
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01			W027092	BJF	07/07/10 12:02
Modified Sobek	Non-Sulfate Sulfur-HCl	1.35	%	0.01			W027092	BJF	07/07/10 10:40
Modified Sobek	Pyritic Sulfur-HCl	1.27	%	0.01			N/A		07/07/10 12:02
Modified Sobek	Sulfate Sulfur-HCl	0.60	%	0.01			N/A		07/07/10 10:40
Modified Sobek	Total Sulfur	1.95	%	0.01			W027092	BJF	06/29/10 14:04

Classical Chemistry Parameters

ASA 9	Paste pH	8.10	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	8.17	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Client Sample ID: **605518**SVL Sample ID: **W0F0638-14 (Soil)****Sample Report Page 1 of 1**

Sampled: 22-Jun-10 09:00
Received: 24-Jun-10
Sampled By: RJ

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.0	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP	15.4	TCaCO3/kT	0.3			N/A		07/07/10 13:43
Modified Sobek	ANP	19.5	TCaCO3/kT	0.3	0.01		W027092	LMG	07/08/10 14:04
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027092	BJF	07/07/10 12:05
Modified Sobek	Non-Sulfate Sulfur	0.58	%	0.01			W027092	BJF	07/07/10 13:43
Modified Sobek	Pyritic Sulfur	0.49	%	0.01			N/A		07/07/10 13:43
Modified Sobek	Sulfate Sulfur	0.06	%	0.01			N/A		07/07/10 13:43
Modified Sobek	Total Sulfur	0.64	%	0.01			W027092	BJF	06/29/10 14:26

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	8.8	TCaCO3/kT	0.3			N/A		07/08/10 14:04
Modified Sobek	AGP-HCl	10.7	TCaCO3/kT	0.3			N/A		07/07/10 12:05
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01			W027092	BJF	07/07/10 12:05
Modified Sobek	Non-Sulfate Sulfur-HCl	0.43	%	0.01			W027092	BJF	07/07/10 10:44
Modified Sobek	Pyritic Sulfur-HCl	0.34	%	0.01			N/A		07/07/10 12:05
Modified Sobek	Sulfate Sulfur-HCl	0.21	%	0.01			N/A		07/07/10 10:44
Modified Sobek	Total Sulfur	0.64	%	0.01			W027092	BJF	06/29/10 14:26

Classical Chemistry Parameters

ASA 9	Paste pH	8.25	pH Units				W027105	LMG	07/08/10 13:39
NAG	NAG pH	9.72	pH Units				W027097	KC	07/07/10 15:45
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W027097	KC	07/07/10 15:45

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

Nan Wilson
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.01	0.3	W027092	08-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	<0.01		0.01	W027092	07-Jul-10
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027092	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027092	07-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.01		0.01	W027092	07-Jul-10	B7
Modified Sobek	Total Sulfur	%	<0.01		0.01	W027092	29-Jun-10	
Modified Sobek	Non-extractable Sulfur	%	<0.01		0.01	W027092	07-Jul-10	

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	25.0	24.9	100	80 - 120	W027092	08-Jul-10
Modified Sobek	Total Sulfur	%	3.55	3.21	111	80 - 120	W027092	29-Jun-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	3.55	3.21	111	80 - 120	W027092	29-Jun-10
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Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	6.49	6.36	102	80 - 120	W027105	08-Jul-10
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	32.0	34.0	6.1	20	W027092	08-Jul-10
Modified Sobek	Non-Sulfate Sulfur	%	0.90	0.59	41.1	20	W027092	07-Jul-10
Modified Sobek	Total Sulfur	%	0.81	0.84	2.9	20	W027092	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	0.01	0.02	40.5	20	W027092	07-Jul-10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.55	0.54	2.4	20	W027092	07-Jul-10
Modified Sobek	Total Sulfur	%	0.81	0.84	2.9	20	W027092	29-Jun-10
Modified Sobek	Non-extractable Sulfur	%	0.01	0.02	40.5	20	W027092	07-Jul-10

Classical Chemistry Parameters

ASA 9	Paste pH	pH Units	8.34	8.10	2.9	20	W027105	08-Jul-10
ASA 9	Paste pH	pH Units	8.57	8.43	1.7	20	W027105	08-Jul-10
NAG	NAG pH	pH Units	8.61	8.41	2.4	20	W027097	07-Jul-10
NAG	NAG@pH 4.5	kg H2SO4/T	0.00	0.00	20	W027097	07-Jul-10	
NAG	NAG@pH 7	kg H2SO4/T	0.00	0.00	20	W027097	07-Jul-10	



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: Routine / 3438
Work Order: W0F0638
Reported: 09-Jul-10 09:20

Notes and Definitions

B7	Target analyte in method blank exceeded method QC limits, but concentrations in samples were at least 10x the blank concentration.
R2	RPD exceeded the laboratory acceptance limit.
LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable



CHAIN OF CUSTODY RECORD

SVL Analytical, Inc. • One Government Gulch • Kellogg, ID 83337 • (208) 784-1258 • FAX: (208) 783-0891

Page 8 of 8

FOR SVL USE ONLY
SVL JOB #

W0070138

TEMP on Receipt

Table I. -- Matrix Type

- 1 = Surface Water, 2 = Ground Water
- 3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
- 6 = Waste, 7 = Other

Report to Company: <u>McClelland Labs Inc.</u>	Invoice Sent To: <u>Same</u>
Contact: <u>Gene McClelland</u>	Address:
Address: <u>1016 Greg Street</u>	Phone Number:
<u>Sparks NV 89431</u>	FAX Number:
Phone Number: <u>775-356-1300</u>	PO#:
FAX Number: <u>775-356-8917</u>	E-mail: <u>mli@mettest.com</u>

Indicate State of sample origination: _____

USACE? Yes No

Analyses Required

Comments

Sample ID	Collection	Misc.	Preservative(s)	Analyses Required		Comments
				Date	Time	
1 605209	4/24/00 RJ	3 1	HCl HNO ₃ Filtered HNO ₃ Unfiltered NaOH H ₂ SO ₄	x x x	x x x	Australian NAG (hot water, HCl, and HNO ₃)
2 605218	4/24/00 RJ	3 1	HCl HNO ₃ Filtered HNO ₃ Unfiltered NaOH H ₂ SO ₄	x x x	x x x	
3 605234	4/24/00 RJ	3 1	HCl HNO ₃ Filtered HNO ₃ Unfiltered NaOH H ₂ SO ₄	x x x	x x x	
4 605518	4/24/00 RJ	3 1	HCl HNO ₃ Filtered HNO ₃ Unfiltered NaOH H ₂ SO ₄	x x x	x x x	
5						
6						
7						
8						
9						
10						

Please take care to distinguish between:
1 and 1
2 and 2
5 and 5
Ø and Ø

Thanks!

Project Name: <u>3438</u>	Sampler's Signature: <u>hsl</u>
Rush Instructions (Days)	
Comments	

Requisitioned by: <u>hsl</u>	Received by: <u>R. Strubing</u>
Date: <u>4/24/00</u>	Time: <u>13:00</u>
Dispensed by: <u>hsl</u>	Received by: <u></u>
Date: <u></u>	Time: <u></u>

Sample Reject: <input type="checkbox"/>	Return: <input type="checkbox"/>
Dispose: <input type="checkbox"/>	Store (30 Days): <input type="checkbox"/>

Date: 6/24/00 Time: 13:00
Date: Time:

White: LAB COPY Yellow: CUSTOMER COPY



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CF-11-01-B 15-43	W2A0356-01	Soil	—	24-Jan-2012
CF-11-01-B 189-225	W2A0356-02	Soil	—	24-Jan-2012
CF-11-01-B 268.8-292	W2A0356-03	Soil	—	24-Jan-2012
CF-11-01-B 465-480	W2A0356-04	Soil	—	24-Jan-2012
CF-11-01-B 575-610	W2A0356-05	Soil	—	24-Jan-2012
CF-11-01-B 1005-1025	W2A0356-06	Soil	—	24-Jan-2012
CF-11-02 0-27	W2A0356-07	Soil	—	24-Jan-2012
CF-11-02 147-181	W2A0356-08	Soil	—	24-Jan-2012
CF-11-02 367-408	W2A0356-09	Soil	—	24-Jan-2012
CF-11-02 471-507	W2A0356-10	Soil	—	24-Jan-2012
CF-11-02 609-625	W2A0356-11	Soil	—	24-Jan-2012
CF-11-03 23.9-53.2	W2A0356-12	Soil	—	24-Jan-2012
CF-11-03 243-276.5	W2A0356-13	Soil	—	24-Jan-2012
CF-11-03 316.8-341.8	W2A0356-14	Soil	—	24-Jan-2012
CF-11-03 497-521.7	W2A0356-15	Soil	—	24-Jan-2012
CF-11-03 580.3-600.3	W2A0356-16	Soil	—	24-Jan-2012
CF-11-03 836.8-851.8	W2A0356-17	Soil	—	24-Jan-2012
CF-11-03 922-949.5	W2A0356-18	Soil	—	24-Jan-2012
CF-11-03 1049.5-1085.3	W2A0356-19	Soil	—	24-Jan-2012
CF-11-04 0-16.6	W2A0356-20	Soil	—	24-Jan-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 15-43**SVL Sample ID: **W2A0356-01 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-20.6	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	32.9	TCaCO3/kT	0.3			N/A		01/30/12 13:59
Modified Sobek	ANP	12.3	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204220	MAD	01/30/12 13:59
Modified Sobek	Non-Sulfate Sulfur	1.27	%	0.01	0.004		W204220	MAD	01/30/12 10:51
Modified Sobek	Pyritic Sulfur	1.05	%	0.01			N/A		01/30/12 13:59
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		01/30/12 10:51
Modified Sobek	Total Sulfur	1.55	%	0.01	0.004		W204220	MAD	01/26/12 08:09

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-10.3	TCaCO3/kT	0.3			N/A		01/31/12 07:48
Modified Sobek	AGP-HCl	22.6	TCaCO3/kT	0.3			N/A		01/31/12 07:48
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204220	MAD	01/30/12 13:59
Modified Sobek	Non-Sulfate Sulfur-HCl	0.94	%	0.01	0.004		W204220	MAD	01/31/12 07:48
Modified Sobek	Pyritic Sulfur-HCl	0.72	%	0.01			N/A		01/31/12 07:48
Modified Sobek	Sulfate Sulfur-HCl	0.61	%	0.01			N/A		01/31/12 07:48
Modified Sobek	Total Sulfur	1.55	%	0.01	0.004		W204220	MAD	01/26/12 08:09

Classical Chemistry Parameters

NAG	NAG pH @21.4°C	3.40	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	2.36	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	8.46	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @19.6°C	8.01	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 189-225**SVL Sample ID: **W2A0356-02 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	5.6	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	22.0	TCaCO3/kT	0.3			N/A		01/30/12 14:02
Modified Sobek	ANP	27.6	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204220	MAD	01/30/12 14:02
Modified Sobek	Non-Sulfate Sulfur	0.86	%	0.01	0.004		W204220	MAD	01/30/12 10:56
Modified Sobek	Pyritic Sulfur	0.70	%	0.01			N/A		01/30/12 14:02
Modified Sobek	Sulfate Sulfur	0.26	%	0.01			N/A		01/30/12 10:56
Modified Sobek	Total Sulfur	1.13	%	0.01	0.004		W204220	MAD	01/26/12 08:13

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	23.6	TCaCO3/kT	0.3			N/A		01/31/12 07:51
Modified Sobek	AGP-HCl	4.0	TCaCO3/kT	0.3			N/A		01/31/12 07:51
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204220	MAD	01/30/12 14:02
Modified Sobek	Non-Sulfate Sulfur-HCl	0.29	%	0.01	0.004		W204220	MAD	01/31/12 07:51
Modified Sobek	Pyritic Sulfur-HCl	0.13	%	0.01			N/A		01/31/12 07:51
Modified Sobek	Sulfate Sulfur-HCl	0.84	%	0.01			N/A		01/31/12 07:51
Modified Sobek	Total Sulfur	1.13	%	0.01	0.004		W204220	MAD	01/26/12 08:13

Classical Chemistry Parameters

NAG	NAG pH @21.2°C	5.37	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.0°C	7.95	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 268.8-292**SVL Sample ID: **W2A0356-03 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-30.7	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	66.1	TCaCO3/kT	0.3			N/A		01/30/12 14:05
Modified Sobek	ANP	35.4	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204220	MAD	01/30/12 14:05
Modified Sobek	Non-Sulfate Sulfur	2.33	%	0.01	0.004		W204220	MAD	01/30/12 11:00
Modified Sobek	Pyritic Sulfur	2.12	%	0.01			N/A		01/30/12 14:05
Modified Sobek	Sulfate Sulfur	0.32	%	0.01			N/A		01/30/12 11:00
Modified Sobek	Total Sulfur	2.65	%	0.01	0.004		W204220	MAD	01/26/12 08:16

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-11.6	TCaCO3/kT	0.3			N/A		01/31/12 07:56
Modified Sobek	AGP-HCl	47.0	TCaCO3/kT	0.3			N/A		01/31/12 07:56
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204220	MAD	01/30/12 14:05
Modified Sobek	Non-Sulfate Sulfur-HCl	1.72	%	0.01	0.004		W204220	MAD	01/31/12 07:56
Modified Sobek	Pyritic Sulfur-HCl	1.50	%	0.01			N/A		01/31/12 07:56
Modified Sobek	Sulfate Sulfur-HCl	0.93	%	0.01			N/A		01/31/12 07:56
Modified Sobek	Total Sulfur	2.65	%	0.01	0.004		W204220	MAD	01/26/12 08:16

Classical Chemistry Parameters

NAG	NAG pH @21.1°C	3.35	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	2.85	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	8.95	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @19.8°C	7.70	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 465-480**SVL Sample ID: **W2A0356-04 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-2.9	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	28.0	TCaCO3/kT	0.3			N/A		01/30/12 14:08
Modified Sobek	ANP	25.1	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.18	%	0.01	0.004		W204220	MAD	01/30/12 14:08
Modified Sobek	Non-Sulfate Sulfur	1.07	%	0.01	0.004		W204220	MAD	01/30/12 11:08
Modified Sobek	Pyritic Sulfur	0.90	%	0.01			N/A		01/30/12 14:08
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		01/30/12 11:08
Modified Sobek	Total Sulfur	1.35	%	0.01	0.004		W204220	MAD	01/26/12 08:19

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	7.7	TCaCO3/kT	0.3			N/A		01/31/12 08:01
Modified Sobek	AGP-HCl	17.4	TCaCO3/kT	0.3			N/A		01/31/12 08:01
Modified Sobek	Non-extractable Sulfur	0.18	%	0.01	0.004		W204220	MAD	01/30/12 14:08
Modified Sobek	Non-Sulfate Sulfur-HCl	0.73	%	0.01	0.004		W204220	MAD	01/31/12 08:01
Modified Sobek	Pyritic Sulfur-HCl	0.56	%	0.01			N/A		01/31/12 08:01
Modified Sobek	Sulfate Sulfur-HCl	0.62	%	0.01			N/A		01/31/12 08:01
Modified Sobek	Total Sulfur	1.35	%	0.01	0.004		W204220	MAD	01/26/12 08:19

Classical Chemistry Parameters

NAG	NAG pH @20.9°C	3.37	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	2.56	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	9.15	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.2°C	8.12	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 575-610**SVL Sample ID: **W2A0356-05 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-23.1	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	47.8	TCaCO3/kT	0.3			N/A		01/30/12 14:11
Modified Sobek	ANP	24.6	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204220	MAD	01/30/12 14:11
Modified Sobek	Non-Sulfate Sulfur	1.70	%	0.01	0.004		W204220	MAD	01/30/12 11:14
Modified Sobek	Pyritic Sulfur	1.53	%	0.01			N/A		01/30/12 14:11
Modified Sobek	Sulfate Sulfur	0.42	%	0.01			N/A		01/30/12 11:14
Modified Sobek	Total Sulfur	2.12	%	0.01	0.004		W204220	MAD	01/26/12 08:22

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-14.1	TCaCO3/kT	0.3			N/A		01/31/12 08:05
Modified Sobek	AGP-HCl	38.7	TCaCO3/kT	0.3			N/A		01/31/12 08:05
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204220	MAD	01/30/12 14:11
Modified Sobek	Non-Sulfate Sulfur-HCl	1.41	%	0.01	0.004		W204220	MAD	01/31/12 08:05
Modified Sobek	Pyritic Sulfur-HCl	1.24	%	0.01			N/A		01/31/12 08:05
Modified Sobek	Sulfate Sulfur-HCl	0.71	%	0.01			N/A		01/31/12 08:05
Modified Sobek	Total Sulfur	2.12	%	0.01	0.004		W204220	MAD	01/26/12 08:22

Classical Chemistry Parameters

NAG	NAG pH @20.8°C	3.01	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	6.10	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	8.16	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.3°C	7.93	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-01-B 1005-1025**SVL Sample ID: **W2A0356-06 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	10.6	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	8.6	TCaCO3/kT	0.3			N/A		01/30/12 14:14
Modified Sobek	ANP	19.2	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:14
Modified Sobek	Non-Sulfate Sulfur	0.33	%	0.01	0.004		W204220	MAD	01/30/12 11:17
Modified Sobek	Pyritic Sulfur	0.28	%	0.01			N/A		01/30/12 14:14
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		01/30/12 11:17
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W204220	MAD	01/26/12 08:24

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	10.5	TCaCO3/kT	0.3			N/A		01/31/12 08:08
Modified Sobek	AGP-HCl	8.7	TCaCO3/kT	0.3			N/A		01/31/12 08:08
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:14
Modified Sobek	Non-Sulfate Sulfur-HCl	0.33	%	0.01	0.004		W204220	MAD	01/31/12 08:08
Modified Sobek	Pyritic Sulfur-HCl	0.28	%	0.01			N/A		01/31/12 08:08
Modified Sobek	Sulfate Sulfur-HCl	0.19	%	0.01			N/A		01/31/12 08:08
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W204220	MAD	01/26/12 08:24

Classical Chemistry Parameters

NAG	NAG pH @20.9°C	5.64	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.5°C	8.36	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-02 0-27**SVL Sample ID: **W2A0356-07 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-16.3	TCaCO3/kT	0.3			N/A		01/30/12 14:22
Modified Sobek	AGP	38.5	TCaCO3/kT	0.3			N/A		01/30/12 14:17
Modified Sobek	ANP	22.1	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 14:17
Modified Sobek	Non-Sulfate Sulfur	1.29	%	0.01	0.004		W204220	MAD	01/30/12 11:21
Modified Sobek	Pyritic Sulfur	1.23	%	0.01			N/A		01/30/12 14:17
Modified Sobek	Sulfate Sulfur	0.41	%	0.01			N/A		01/30/12 11:21
Modified Sobek	Total Sulfur	1.70	%	0.01	0.004		W204220	MAD	01/26/12 08:28

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-21.6	TCaCO3/kT	0.3			N/A		01/31/12 08:12
Modified Sobek	AGP-HCl	43.8	TCaCO3/kT	0.3			N/A		01/31/12 08:12
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 14:17
Modified Sobek	Non-Sulfate Sulfur-HCl	1.46	%	0.01	0.004		W204220	MAD	01/31/12 08:12
Modified Sobek	Pyritic Sulfur-HCl	1.40	%	0.01			N/A		01/31/12 08:12
Modified Sobek	Sulfate Sulfur-HCl	0.24	%	0.01			N/A		01/31/12 08:12
Modified Sobek	Total Sulfur	1.70	%	0.01	0.004		W204220	MAD	01/26/12 08:28

Classical Chemistry Parameters

NAG	NAG pH @20.7°C	3.28	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	3.44	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	5.80	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.4°C	8.07	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-02 147-181**SVL Sample ID: **W2A0356-08 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.9	TCaCO3/kT	0.3			N/A		01/30/12 14:26
Modified Sobek	AGP	15.8	TCaCO3/kT	0.3			N/A		01/30/12 14:26
Modified Sobek	ANP	20.7	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01	0.004		W204220	MAD	01/30/12 14:26
Modified Sobek	Non-Sulfate Sulfur	0.53	%	0.01	0.004		W204220	MAD	01/30/12 11:31
Modified Sobek	Pyritic Sulfur	0.50	%	0.01			N/A		01/30/12 14:26
Modified Sobek	Sulfate Sulfur	0.21	%	0.01			N/A		01/30/12 11:31
Modified Sobek	Total Sulfur	0.74	%	0.01	0.004		W204220	MAD	01/26/12 08:37

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	5.0	TCaCO3/kT	0.3			N/A		01/31/12 08:16
Modified Sobek	AGP-HCl	15.7	TCaCO3/kT	0.3			N/A		01/31/12 08:16
Modified Sobek	Non-extractable Sulfur	0.03	%	0.01	0.004		W204220	MAD	01/30/12 14:26
Modified Sobek	Non-Sulfate Sulfur-HCl	0.53	%	0.01	0.004		W204220	MAD	01/31/12 08:16
Modified Sobek	Pyritic Sulfur-HCl	0.50	%	0.01			N/A		01/31/12 08:16
Modified Sobek	Sulfate Sulfur-HCl	0.21	%	0.01			N/A		01/31/12 08:16
Modified Sobek	Total Sulfur	0.74	%	0.01	0.004		W204220	MAD	01/26/12 08:37

Classical Chemistry Parameters

NAG	NAG pH @20.7°C	2.92	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	5.51	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	4.13	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.3°C	8.47	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-02 367-408**SVL Sample ID: **W2A0356-09 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-6.8	TCaCO3/kT	0.3			N/A		01/30/12 14:29
Modified Sobek	AGP	26.0	TCaCO3/kT	0.3			N/A		01/30/12 14:29
Modified Sobek	ANP	19.2	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:29
Modified Sobek	Non-Sulfate Sulfur	0.88	%	0.01	0.004		W204220	MAD	01/30/12 11:35
Modified Sobek	Pyritic Sulfur	0.83	%	0.01			N/A		01/30/12 14:29
Modified Sobek	Sulfate Sulfur	0.23	%	0.01			N/A		01/30/12 11:35
Modified Sobek	Total Sulfur	1.11	%	0.01	0.004		W204220	MAD	01/26/12 08:40

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-0.6	TCaCO3/kT	0.3			N/A		01/31/12 08:25
Modified Sobek	AGP-HCl	19.8	TCaCO3/kT	0.3			N/A		01/31/12 08:25
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:29
Modified Sobek	Non-Sulfate Sulfur-HCl	0.68	%	0.01	0.004		W204220	MAD	01/31/12 08:25
Modified Sobek	Pyritic Sulfur-HCl	0.63	%	0.01			N/A		01/31/12 08:25
Modified Sobek	Sulfate Sulfur-HCl	0.43	%	0.01			N/A		01/31/12 08:25
Modified Sobek	Total Sulfur	1.11	%	0.01	0.004		W204220	MAD	01/26/12 08:40

Classical Chemistry Parameters

NAG	NAG pH @20.5°C	2.78	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	8.06	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	5.90	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.2°C	8.49	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-02 471-507**SVL Sample ID: **W2A0356-10 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-1.3	TCaCO3/kT	0.3			N/A		01/30/12 14:32
Modified Sobek	AGP	25.9	TCaCO3/kT	0.3			N/A		01/30/12 14:32
Modified Sobek	ANP	24.6	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:32
Modified Sobek	Non-Sulfate Sulfur	0.87	%	0.01	0.004		W204220	MAD	01/30/12 11:39
Modified Sobek	Pyritic Sulfur	0.83	%	0.01			N/A		01/30/12 14:32
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		01/30/12 11:39
Modified Sobek	Total Sulfur	1.15	%	0.01	0.004		W204220	MAD	01/26/12 08:43

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	9.4	TCaCO3/kT	0.3			N/A		01/31/12 08:28
Modified Sobek	AGP-HCl	15.2	TCaCO3/kT	0.3			N/A		01/31/12 08:28
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:32
Modified Sobek	Non-Sulfate Sulfur-HCl	0.53	%	0.01	0.004		W204220	MAD	01/31/12 08:28
Modified Sobek	Pyritic Sulfur-HCl	0.49	%	0.01			N/A		01/31/12 08:28
Modified Sobek	Sulfate Sulfur-HCl	0.62	%	0.01			N/A		01/31/12 08:28
Modified Sobek	Total Sulfur	1.15	%	0.01	0.004		W204220	MAD	01/26/12 08:43

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	3.12	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	5.31	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	3.54	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.0°C	8.32	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-02 609-625**SVL Sample ID: **W2A0356-11 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	5.1	TCaCO3/kT	0.3			N/A		01/30/12 14:35
Modified Sobek	AGP	25.9	TCaCO3/kT	0.3			N/A		01/30/12 14:35
Modified Sobek	ANP	31.0	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:35
Modified Sobek	Non-Sulfate Sulfur	0.88	%	0.01	0.004		W204220	MAD	01/30/12 11:44
Modified Sobek	Pyritic Sulfur	0.83	%	0.01			N/A		01/30/12 14:35
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		01/30/12 11:44
Modified Sobek	Total Sulfur	1.16	%	0.01	0.004		W204220	MAD	01/26/12 08:46

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	5.2	TCaCO3/kT	0.3			N/A		01/31/12 08:33
Modified Sobek	AGP-HCl	25.8	TCaCO3/kT	0.3			N/A		01/31/12 08:33
Modified Sobek	Non-extractable Sulfur	0.05	%	0.01	0.004		W204220	MAD	01/30/12 14:35
Modified Sobek	Non-Sulfate Sulfur-HCl	0.88	%	0.01	0.004		W204220	MAD	01/31/12 08:33
Modified Sobek	Pyritic Sulfur-HCl	0.83	%	0.01			N/A		01/31/12 08:33
Modified Sobek	Sulfate Sulfur-HCl	0.28	%	0.01			N/A		01/31/12 08:33
Modified Sobek	Total Sulfur	1.16	%	0.01	0.004		W204220	MAD	01/26/12 08:46

Classical Chemistry Parameters

NAG	NAG pH @20.4°C	3.58	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	1.38	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	4.72	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @19.9°C	8.28	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 23.9-53.2**SVL Sample ID: **W2A0356-12 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	32.9	TCaCO3/kT	0.3			N/A		01/30/12 14:38
Modified Sobek	AGP	12.9	TCaCO3/kT	0.3			N/A		01/30/12 14:38
Modified Sobek	ANP	45.8	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 14:38
Modified Sobek	Non-Sulfate Sulfur	0.47	%	0.01	0.004		W204220	MAD	01/30/12 11:48
Modified Sobek	Pyritic Sulfur	0.41	%	0.01			N/A		01/30/12 14:38
Modified Sobek	Sulfate Sulfur	0.17	%	0.01			N/A		01/30/12 11:48
Modified Sobek	Total Sulfur	0.65	%	0.01	0.004		W204220	MAD	01/26/12 08:49

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	34.5	TCaCO3/kT	0.3			N/A		01/31/12 08:36
Modified Sobek	AGP-HCl	11.2	TCaCO3/kT	0.3			N/A		01/31/12 08:36
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 14:38
Modified Sobek	Non-Sulfate Sulfur-HCl	0.42	%	0.01	0.004		W204220	MAD	01/31/12 08:36
Modified Sobek	Pyritic Sulfur-HCl	0.36	%	0.01			N/A		01/31/12 08:36
Modified Sobek	Sulfate Sulfur-HCl	0.23	%	0.01			N/A		01/31/12 08:36
Modified Sobek	Total Sulfur	0.65	%	0.01	0.004		W204220	MAD	01/26/12 08:49

Classical Chemistry Parameters

NAG	NAG pH @20.5°C	8.76	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.1°C	8.26	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 243-276.5**SVL Sample ID: **W2A0356-13 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-5.3	TCaCO3/kT	0.3			N/A		01/30/12 14:41
Modified Sobek	AGP	53.5	TCaCO3/kT	0.3			N/A		01/30/12 14:41
Modified Sobek	ANP	48.2	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.24	%	0.01	0.004		W204220	MAD	01/30/12 14:41
Modified Sobek	Non-Sulfate Sulfur	1.95	%	0.01	0.004		W204220	MAD	01/30/12 11:52
Modified Sobek	Pyritic Sulfur	1.71	%	0.01			N/A		01/30/12 14:41
Modified Sobek	Sulfate Sulfur	0.54	%	0.01			N/A		01/30/12 11:52
Modified Sobek	Total Sulfur	2.49	%	0.01	0.004		W204220	MAD	01/26/12 08:52

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-13.4	TCaCO3/kT	0.3			N/A		01/31/12 08:40
Modified Sobek	AGP-HCl	61.6	TCaCO3/kT	0.3			N/A		01/31/12 08:40
Modified Sobek	Non-extractable Sulfur	0.24	%	0.01	0.004		W204220	MAD	01/30/12 14:41
Modified Sobek	Non-Sulfate Sulfur-HCl	2.21	%	0.01	0.004		W204220	MAD	01/31/12 08:40
Modified Sobek	Pyritic Sulfur-HCl	1.97	%	0.01			N/A		01/31/12 08:40
Modified Sobek	Sulfate Sulfur-HCl	0.28	%	0.01			N/A		01/31/12 08:40
Modified Sobek	Total Sulfur	2.49	%	0.01	0.004		W204220	MAD	01/26/12 08:52

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	9.04	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.4°C	7.78	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 316.8-341.8**SVL Sample ID: **W2A0356-14 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-0.9	TCaCO3/kT	0.3			N/A		01/30/12 14:44
Modified Sobek	AGP	40.3	TCaCO3/kT	0.3			N/A		01/30/12 14:44
Modified Sobek	ANP	39.4	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.26	%	0.01	0.004		W204220	MAD	01/30/12 14:44
Modified Sobek	Non-Sulfate Sulfur	1.55	%	0.01	0.004		W204220	MAD	01/30/12 11:58
Modified Sobek	Pyritic Sulfur	1.29	%	0.01			N/A		01/30/12 14:44
Modified Sobek	Sulfate Sulfur	0.11	%	0.01			N/A		01/30/12 11:58
Modified Sobek	Total Sulfur	1.66	%	0.01	0.004		W204220	MAD	01/26/12 08:56

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	20.7	TCaCO3/kT	0.3			N/A		01/31/12 09:02
Modified Sobek	AGP-HCl	18.7	TCaCO3/kT	0.3			N/A		01/31/12 09:02
Modified Sobek	Non-extractable Sulfur	0.26	%	0.01	0.004		W204220	MAD	01/30/12 14:44
Modified Sobek	Non-Sulfate Sulfur-HCl	0.86	%	0.01	0.004		W204220	MAD	01/31/12 09:02
Modified Sobek	Pyritic Sulfur-HCl	0.60	%	0.01			N/A		01/31/12 09:02
Modified Sobek	Sulfate Sulfur-HCl	0.80	%	0.01			N/A		01/31/12 09:02
Modified Sobek	Total Sulfur	1.66	%	0.01	0.004		W204220	MAD	01/26/12 08:56

Classical Chemistry Parameters

NAG	NAG pH @20.2°C	5.56	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.4°C	8.00	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 497-521.7**SVL Sample ID: **W2A0356-15 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	21.8	TCaCO3/kT	0.3			N/A		01/30/12 14:46
Modified Sobek	AGP	27.9	TCaCO3/kT	0.3			N/A		01/30/12 14:46
Modified Sobek	ANP	49.7	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W204220	MAD	01/30/12 14:46
Modified Sobek	Non-Sulfate Sulfur	0.99	%	0.01	0.004		W204220	MAD	01/30/12 12:02
Modified Sobek	Pyritic Sulfur	0.89	%	0.01			N/A		01/30/12 14:46
Modified Sobek	Sulfate Sulfur	0.34	%	0.01			N/A		01/30/12 12:02
Modified Sobek	Total Sulfur	1.33	%	0.01	0.004		W204220	MAD	01/26/12 08:59

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	30.2	TCaCO3/kT	0.3			N/A		01/31/12 09:05
Modified Sobek	AGP-HCl	19.5	TCaCO3/kT	0.3			N/A		01/31/12 09:05
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W204220	MAD	01/30/12 14:46
Modified Sobek	Non-Sulfate Sulfur-HCl	0.72	%	0.01	0.004		W204220	MAD	01/31/12 09:05
Modified Sobek	Pyritic Sulfur-HCl	0.62	%	0.01			N/A		01/31/12 09:05
Modified Sobek	Sulfate Sulfur-HCl	0.61	%	0.01			N/A		01/31/12 09:05
Modified Sobek	Total Sulfur	1.33	%	0.01	0.004		W204220	MAD	01/26/12 08:59

Classical Chemistry Parameters

NAG	NAG pH @20.2°C	9.71	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.4°C	7.60	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 580.3-600.3**SVL Sample ID: **W2A0356-16 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	15.1	TCaCO3/kT	0.3			N/A		01/30/12 14:49
Modified Sobek	AGP	9.5	TCaCO3/kT	0.3			N/A		01/30/12 14:49
Modified Sobek	ANP	24.6	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01	0.004		W204220	MAD	01/30/12 14:49
Modified Sobek	Non-Sulfate Sulfur	0.37	%	0.01	0.004		W204220	MAD	01/30/12 12:06
Modified Sobek	Pyritic Sulfur	0.30	%	0.01			N/A		01/30/12 14:49
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		01/30/12 12:06
Modified Sobek	Total Sulfur	0.56	%	0.01	0.004		W204220	MAD	01/26/12 09:02

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	16.0	TCaCO3/kT	0.3			N/A		01/31/12 09:07
Modified Sobek	AGP-HCl	8.6	TCaCO3/kT	0.3			N/A		01/31/12 09:07
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01	0.004		W204220	MAD	01/30/12 14:49
Modified Sobek	Non-Sulfate Sulfur-HCl	0.34	%	0.01	0.004		W204220	MAD	01/31/12 09:07
Modified Sobek	Pyritic Sulfur-HCl	0.27	%	0.01			N/A		01/31/12 09:07
Modified Sobek	Sulfate Sulfur-HCl	0.22	%	0.01			N/A		01/31/12 09:07
Modified Sobek	Total Sulfur	0.56	%	0.01	0.004		W204220	MAD	01/26/12 09:02

Classical Chemistry Parameters

NAG	NAG pH @21.3°C	7.81	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.6°C	8.03	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 836.8-851.8**SVL Sample ID: **W2A0356-17 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	13.8	TCaCO3/kT	0.3			N/A		01/30/12 14:52
Modified Sobek	AGP	12.3	TCaCO3/kT	0.3			N/A		01/30/12 14:52
Modified Sobek	ANP	26.1	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01	0.004		W204220	MAD	01/30/12 14:52
Modified Sobek	Non-Sulfate Sulfur	0.43	%	0.01	0.004		W204220	MAD	01/30/12 12:10
Modified Sobek	Pyritic Sulfur	0.39	%	0.01			N/A		01/30/12 14:52
Modified Sobek	Sulfate Sulfur	0.21	%	0.01			N/A		01/30/12 12:10
Modified Sobek	Total Sulfur	0.64	%	0.01	0.004		W204220	MAD	01/26/12 09:05

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	14.4	TCaCO3/kT	0.3			N/A		01/31/12 09:10
Modified Sobek	AGP-HCl	11.7	TCaCO3/kT	0.3			N/A		01/31/12 09:10
Modified Sobek	Non-extractable Sulfur	0.04	%	0.01	0.004		W204220	MAD	01/30/12 14:52
Modified Sobek	Non-Sulfate Sulfur-HCl	0.41	%	0.01	0.004		W204220	MAD	01/31/12 09:10
Modified Sobek	Pyritic Sulfur-HCl	0.37	%	0.01			N/A		01/31/12 09:10
Modified Sobek	Sulfate Sulfur-HCl	0.23	%	0.01			N/A		01/31/12 09:10
Modified Sobek	Total Sulfur	0.64	%	0.01	0.004		W204220	MAD	01/26/12 09:05

Classical Chemistry Parameters

NAG	NAG pH @20.4°C	8.39	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.3°C	8.21	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 922-949.5**SVL Sample ID: **W2A0356-18 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	21.6	TCaCO3/kT	0.3			N/A		01/30/12 15:02
Modified Sobek	AGP	10.9	TCaCO3/kT	0.3			N/A		01/30/12 15:02
Modified Sobek	ANP	32.5	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 15:02
Modified Sobek	Non-Sulfate Sulfur	0.41	%	0.01	0.004		W204220	MAD	01/30/12 12:20
Modified Sobek	Pyritic Sulfur	0.35	%	0.01			N/A		01/30/12 15:02
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		01/30/12 12:20
Modified Sobek	Total Sulfur	0.61	%	0.01	0.004		W204220	MAD	01/26/12 09:15

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	24.4	TCaCO3/kT	0.3			N/A		01/31/12 09:20
Modified Sobek	AGP-HCl	8.1	TCaCO3/kT	0.3			N/A		01/31/12 09:20
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W204220	MAD	01/30/12 15:02
Modified Sobek	Non-Sulfate Sulfur-HCl	0.32	%	0.01	0.004		W204220	MAD	01/31/12 09:20
Modified Sobek	Pyritic Sulfur-HCl	0.26	%	0.01			N/A		01/31/12 09:20
Modified Sobek	Sulfate Sulfur-HCl	0.29	%	0.01			N/A		01/31/12 09:20
Modified Sobek	Total Sulfur	0.61	%	0.01	0.004		W204220	MAD	01/26/12 09:15

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	9.32	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.6°C	8.21	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-03 1049.5-1085.3**SVL Sample ID: **W2A0356-19 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	7.8	TCaCO3/kT	0.3			N/A		01/30/12 15:05
Modified Sobek	AGP	21.7	TCaCO3/kT	0.3			N/A		01/30/12 15:05
Modified Sobek	ANP	29.5	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01	0.004		W204220	MAD	01/30/12 15:05
Modified Sobek	Non-Sulfate Sulfur	0.78	%	0.01	0.004		W204220	MAD	01/30/12 12:25
Modified Sobek	Pyritic Sulfur	0.69	%	0.01			N/A		01/30/12 15:05
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		01/30/12 12:25
Modified Sobek	Total Sulfur	0.97	%	0.01	0.004		W204220	MAD	01/26/12 09:18

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	16.2	TCaCO3/kT	0.3			N/A		01/31/12 09:23
Modified Sobek	AGP-HCl	13.3	TCaCO3/kT	0.3			N/A		01/31/12 09:23
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01	0.004		W204220	MAD	01/30/12 15:05
Modified Sobek	Non-Sulfate Sulfur-HCl	0.51	%	0.01	0.004		W204220	MAD	01/31/12 09:23
Modified Sobek	Pyritic Sulfur-HCl	0.43	%	0.01			N/A		01/31/12 09:23
Modified Sobek	Sulfate Sulfur-HCl	0.46	%	0.01			N/A		01/31/12 09:23
Modified Sobek	Total Sulfur	0.97	%	0.01	0.004		W204220	MAD	01/26/12 09:18

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	5.23	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.5°C	8.15	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Client Sample ID: **CF-11-04 0-16.6**SVL Sample ID: **W2A0356-20 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	8.3	TCaCO3/kT	0.3			N/A		01/31/12 13:37
Modified Sobek	AGP	< 0.3	TCaCO3/kT	0.3			N/A		01/31/12 13:37
Modified Sobek	ANP	8.4	TCaCO3/kT	0.3	0.1		W204220	MAD	01/30/12 14:22
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01	0.004		W204220	MAD	01/31/12 13:37
Modified Sobek	Non-Sulfate Sulfur	0.01	%	0.01	0.004		W204220	MAD	01/31/12 13:22
Modified Sobek	Pyritic Sulfur	< 0.01	%	0.01			N/A		01/31/12 13:37
Modified Sobek	Sulfate Sulfur	0.02	%	0.01			N/A		01/31/12 13:22
Modified Sobek	Total Sulfur	0.04	%	0.01	0.004		W204220	MAD	01/26/12 09:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	8.0	TCaCO3/kT	0.3			N/A		01/31/12 13:37
Modified Sobek	AGP-HCl	0.4	TCaCO3/kT	0.3			N/A		01/31/12 13:37
Modified Sobek	Non-extractable Sulfur	0.01	%	0.01	0.004		W204220	MAD	01/31/12 13:37
Modified Sobek	Non-Sulfate Sulfur-HCl	0.03	%	0.01	0.004		W204220	MAD	01/31/12 09:26
Modified Sobek	Pyritic Sulfur-HCl	0.01	%	0.01			N/A		01/31/12 13:37
Modified Sobek	Sulfate Sulfur-HCl	0.01	%	0.01			N/A		01/31/12 09:26
Modified Sobek	Total Sulfur	0.04	%	0.01	0.004		W204220	MAD	01/26/12 09:21

Classical Chemistry Parameters

NAG	NAG pH @20.3°C	8.88	pH Units				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204322	AGF	01/30/12 14:00
USDA HB60(21a)	Paste pH @20.5°C	7.77	pH Units				W205067	AGF	01/31/12 15:35

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.1	0.3	W204220	30-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W204220	30-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W204220	31-Jan-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W204220	26-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204220	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204220	31-Jan-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W204220	31-Jan-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W204220	26-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204220	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204220	31-Jan-12

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	39.4	33.2	119	80 - 120	W204220	30-Jan-12
Modified Sobek	Total Sulfur	%	0.93	0.942	98.6	80 - 120	W204220	26-Jan-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	0.93	0.942	98.6	80 - 120	W204220	26-Jan-12
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Classical Chemistry Parameters

USDA HB60(21a)	Paste pH	pH Units	8.16	8.18	99.8	93.7 - 106.3	W205067	31-Jan-12
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	12.8	12.3	3.9	20	W204220	30-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	0.01	0.01	0.7	20	W204220	31-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	1.24	1.27	2.4	20	W204220	30-Jan-12
Modified Sobek	Total Sulfur	%	1.61	1.55	3.8	20	W204220	26-Jan-12
Modified Sobek	Non-extractable Sulfur	%	0.01	0.01	11.5	20	W204220	31-Jan-12
Modified Sobek	Non-extractable Sulfur	%	0.19	0.22	10.7	20	W204220	30-Jan-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.93	0.94	1.1	20	W204220	31-Jan-12
Modified Sobek	Total Sulfur	%	1.61	1.55	3.8	20	W204220	26-Jan-12
Modified Sobek	Non-extractable Sulfur	%	0.01	0.01	11.5	20	W204220	31-Jan-12

SVL holds the following certifications:

AZ:0538, CA:2080, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology), NV:ID000192007A, WA:1268

Work order Report Page 22 of 23



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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0356
Reported: 01-Feb-12 08:47

Quality Control - DUPLICATE Data		(Continued)							
Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes

Acid/Base Accounting & Sulfur Forms (HCl Wash) (Continued)

Modified Sobek	Non-extractable Sulfur	%	0.19	0.22	10.7	20	W204220	30-Jan-12
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Classical Chemistry Parameters

NAG	NAG pH	pH Units	3.31	3.40	2.7	20	W204322	30-Jan-12
NAG	NAG@pH 4.5	kg H ₂ SO ₄ /T	2.56	2.36	8.0	20	W204322	30-Jan-12
NAG	NAG@pH 7	kg H ₂ SO ₄ /T	9.05	8.46	6.7	20	W204322	30-Jan-12
USDA HB60(21a)	Paste pH	pH Units	8.04	8.01	0.4	20	W205067	31-Jan-12

Notes and Definitions

- LCS Laboratory Control Sample (Blank Spike)
RPD Relative Percent Difference
UDL A result is less than the detection limit
 $R > 4S$ % recovery not applicable, sample concentration more than four times greater than spike level
<RL A result is less than the reporting limit
MRL Method Reporting Limit
MDL Method Detection Limit
N/A Not Applicable



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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CF-11-04 168-203	W2A0357-01	Soil	—	24-Jan-2012
CF-11-04 464.8-504.8	W2A0357-02	Soil	—	24-Jan-2012
CF-11-04 628-678	W2A0357-03	Soil	—	24-Jan-2012
CF-11-05 35-60	W2A0357-04	Soil	—	24-Jan-2012
CF-11-05 760-780	W2A0357-05	Soil	—	24-Jan-2012
CF-11-05 880-895	W2A0357-06	Soil	—	24-Jan-2012
CF-11-06 6.4-19.4	W2A0357-07	Soil	—	24-Jan-2012
CF-11-06 135.4-155.6	W2A0357-08	Soil	—	24-Jan-2012
CF-11-06 418-443	W2A0357-09	Soil	—	24-Jan-2012
CF-11-06 603-628	W2A0357-10	Soil	—	24-Jan-2012
CF-11-06 673-693	W2A0357-11	Soil	—	24-Jan-2012
CF-11-06 860-868	W2A0357-12	Soil	—	24-Jan-2012
CF-11-06 872.5-898	W2A0357-13	Soil	—	24-Jan-2012
CF-11-07 312-346.6	W2A0357-14	Soil	—	24-Jan-2012
CF-11-07 521.7-543	W2A0357-15	Soil	—	24-Jan-2012
CF-11-07 966.8-996.8	W2A0357-16	Soil	—	24-Jan-2012
CF-11-08 844.2-879.2	W2A0357-17	Soil	—	24-Jan-2012
CF-11-08 1139.5-1179.5	W2A0357-18	Soil	—	24-Jan-2012
CF-11-08 365-405	W2A0357-19	Soil	—	24-Jan-2012
CF-11-09 313-333	W2A0357-20	Soil	—	24-Jan-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.

Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-04 168-203**SVL Sample ID: **W2A0357-01 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	14.0	TCaCO3/kT	0.3			N/A		02/01/12 13:08
Modified Sobek	AGP	12.6	TCaCO3/kT	0.3			N/A		02/01/12 13:08
Modified Sobek	ANP	26.6	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.25	%	0.01	0.004		W204303	MAD	02/01/12 13:08
Modified Sobek	Non-Sulfate Sulfur	0.65	%	0.01	0.004		W204303	MAD	02/01/12 11:30
Modified Sobek	Pyritic Sulfur	0.40	%	0.01			N/A		02/01/12 13:08
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		02/01/12 11:30
Modified Sobek	Total Sulfur	0.93	%	0.01	0.004		W204303	MAD	01/30/12 08:36

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	16.3	TCaCO3/kT	0.3			N/A		02/01/12 14:28
Modified Sobek	AGP-HCl	10.2	TCaCO3/kT	0.3			N/A		02/01/12 14:28
Modified Sobek	Non-extractable Sulfur	0.25	%	0.01	0.004		W204303	MAD	02/01/12 13:08
Modified Sobek	Non-Sulfate Sulfur-HCl	0.58	%	0.01	0.004		W204303	MAD	02/01/12 14:28
Modified Sobek	Pyritic Sulfur-HCl	0.33	%	0.01			N/A		02/01/12 14:28
Modified Sobek	Sulfate Sulfur-HCl	0.36	%	0.01			N/A		02/01/12 14:28
Modified Sobek	Total Sulfur	0.93	%	0.01	0.004		W204303	MAD	01/30/12 08:36

Classical Chemistry Parameters

NAG	NAG pH @20.6°C	8.25	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.8°C	8.38	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-04 464.8-504.8**SVL Sample ID: **W2A0357-02 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	11.7	TCaCO3/kT	0.3			N/A		02/01/12 13:10
Modified Sobek	AGP	7.0	TCaCO3/kT	0.3			N/A		02/01/12 13:10
Modified Sobek	ANP	18.7	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:10
Modified Sobek	Non-Sulfate Sulfur	0.38	%	0.01	0.004		W204303	MAD	02/01/12 11:34
Modified Sobek	Pyritic Sulfur	0.22	%	0.01			N/A		02/01/12 13:10
Modified Sobek	Sulfate Sulfur	0.16	%	0.01			N/A		02/01/12 11:34
Modified Sobek	Total Sulfur	0.55	%	0.01	0.004		W204303	MAD	01/30/12 08:39

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	15.3	TCaCO3/kT	0.3			N/A		02/01/12 14:31
Modified Sobek	AGP-HCl	3.4	TCaCO3/kT	0.3			N/A		02/01/12 14:31
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:10
Modified Sobek	Non-Sulfate Sulfur-HCl	0.27	%	0.01	0.004		W204303	MAD	02/01/12 14:31
Modified Sobek	Pyritic Sulfur-HCl	0.11	%	0.01			N/A		02/01/12 14:31
Modified Sobek	Sulfate Sulfur-HCl	0.28	%	0.01			N/A		02/01/12 14:31
Modified Sobek	Total Sulfur	0.55	%	0.01	0.004		W204303	MAD	01/30/12 08:39

Classical Chemistry Parameters

NAG	NAG pH @20.6°C	8.46	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.8°C	8.10	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-04 628-678**SVL Sample ID: **W2A0357-03 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	33.4	TCaCO3/kT	0.3			N/A		02/01/12 13:13
Modified Sobek	AGP	6.9	TCaCO3/kT	0.3			N/A		02/01/12 13:13
Modified Sobek	ANP	40.3	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:13
Modified Sobek	Non-Sulfate Sulfur	0.38	%	0.01	0.004		W204303	MAD	02/01/12 11:38
Modified Sobek	Pyritic Sulfur	0.22	%	0.01			N/A		02/01/12 13:13
Modified Sobek	Sulfate Sulfur	0.14	%	0.01			N/A		02/01/12 11:38
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W204303	MAD	01/30/12 08:43

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	36.4	TCaCO3/kT	0.3			N/A		02/01/12 14:34
Modified Sobek	AGP-HCl	3.9	TCaCO3/kT	0.3			N/A		02/01/12 14:34
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:13
Modified Sobek	Non-Sulfate Sulfur-HCl	0.28	%	0.01	0.004		W204303	MAD	02/01/12 14:34
Modified Sobek	Pyritic Sulfur-HCl	0.13	%	0.01			N/A		02/01/12 14:34
Modified Sobek	Sulfate Sulfur-HCl	0.23	%	0.01			N/A		02/01/12 14:34
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W204303	MAD	01/30/12 08:43

Classical Chemistry Parameters

NAG	NAG pH @20.6°C	8.48	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.7°C	8.12	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-05 35-60**
SVL Sample ID: **W2A0357-04 (Soil)**

Sample Report Page 1 of 1

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.3	TCaCO3/kT	0.3			N/A		02/01/12 13:16
Modified Sobek	AGP	8.9	TCaCO3/kT	0.3			N/A		02/01/12 13:16
Modified Sobek	ANP	13.3	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 13:16
Modified Sobek	Non-Sulfate Sulfur	0.45	%	0.01	0.004		W204303	MAD	02/01/12 11:42
Modified Sobek	Pyritic Sulfur	0.29	%	0.01			N/A		02/01/12 13:16
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		02/01/12 11:42
Modified Sobek	Total Sulfur	0.65	%	0.01	0.004		W204303	MAD	01/30/12 08:45

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	9.0	TCaCO3/kT	0.3			N/A		02/01/12 14:37
Modified Sobek	AGP-HCl	4.2	TCaCO3/kT	0.3			N/A		02/01/12 14:37
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 13:16
Modified Sobek	Non-Sulfate Sulfur-HCl	0.30	%	0.01	0.004		W204303	MAD	02/01/12 14:37
Modified Sobek	Pyritic Sulfur-HCl	0.14	%	0.01			N/A		02/01/12 14:37
Modified Sobek	Sulfate Sulfur-HCl	0.35	%	0.01			N/A		02/01/12 14:37
Modified Sobek	Total Sulfur	0.65	%	0.01	0.004		W204303	MAD	01/30/12 08:45

Classical Chemistry Parameters

NAG	NAG pH @20.8°C	4.83	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.7°C	8.34	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-05 760-780**SVL Sample ID: **W2A0357-05 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	7.3	TCaCO3/kT	0.3			N/A		02/01/12 13:19
Modified Sobek	AGP	9.9	TCaCO3/kT	0.3			N/A		02/01/12 13:19
Modified Sobek	ANP	17.2	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.20	%	0.01	0.004		W204303	MAD	02/01/12 13:19
Modified Sobek	Non-Sulfate Sulfur	0.52	%	0.01	0.004		W204303	MAD	02/01/12 11:46
Modified Sobek	Pyritic Sulfur	0.32	%	0.01			N/A		02/01/12 13:19
Modified Sobek	Sulfate Sulfur	0.30	%	0.01			N/A		02/01/12 11:46
Modified Sobek	Total Sulfur	0.82	%	0.01	0.004		W204303	MAD	01/30/12 08:48

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	11.0	TCaCO3/kT	0.3			N/A		02/01/12 14:40
Modified Sobek	AGP-HCl	6.2	TCaCO3/kT	0.3			N/A		02/01/12 14:40
Modified Sobek	Non-extractable Sulfur	0.20	%	0.01	0.004		W204303	MAD	02/01/12 13:19
Modified Sobek	Non-Sulfate Sulfur-HCl	0.40	%	0.01	0.004		W204303	MAD	02/01/12 14:40
Modified Sobek	Pyritic Sulfur-HCl	0.20	%	0.01			N/A		02/01/12 14:40
Modified Sobek	Sulfate Sulfur-HCl	0.42	%	0.01			N/A		02/01/12 14:40
Modified Sobek	Total Sulfur	0.82	%	0.01	0.004		W204303	MAD	01/30/12 08:48

Classical Chemistry Parameters

NAG	NAG pH @21.3°C	8.18	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.6°C	8.45	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-05 880-895**SVL Sample ID: **W2A0357-06 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	12.2	TCaCO3/kT	0.3			N/A		02/01/12 13:22
Modified Sobek	AGP	8.9	TCaCO3/kT	0.3			N/A		02/01/12 13:22
Modified Sobek	ANP	21.2	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.14	%	0.01	0.004		W204303	MAD	02/01/12 13:22
Modified Sobek	Non-Sulfate Sulfur	0.43	%	0.01	0.004		W204303	MAD	02/01/12 11:50
Modified Sobek	Pyritic Sulfur	0.28	%	0.01			N/A		02/01/12 13:22
Modified Sobek	Sulfate Sulfur	0.17	%	0.01			N/A		02/01/12 11:50
Modified Sobek	Total Sulfur	0.60	%	0.01	0.004		W204303	MAD	01/30/12 08:51

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	13.5	TCaCO3/kT	0.3			N/A		02/01/12 14:43
Modified Sobek	AGP-HCl	7.6	TCaCO3/kT	0.3			N/A		02/01/12 14:43
Modified Sobek	Non-extractable Sulfur	0.14	%	0.01	0.004		W204303	MAD	02/01/12 13:22
Modified Sobek	Non-Sulfate Sulfur-HCl	0.39	%	0.01	0.004		W204303	MAD	02/01/12 14:43
Modified Sobek	Pyritic Sulfur-HCl	0.24	%	0.01			N/A		02/01/12 14:43
Modified Sobek	Sulfate Sulfur-HCl	0.21	%	0.01			N/A		02/01/12 14:43
Modified Sobek	Total Sulfur	0.60	%	0.01	0.004		W204303	MAD	01/30/12 08:51

Classical Chemistry Parameters

NAG	NAG pH @21.3°C	7.74	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.4°C	8.36	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 6.4-19.4**SVL Sample ID: **W2A0357-07 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	5.5	TCaCO3/kT	0.3			N/A		02/01/12 13:25
Modified Sobek	AGP	16.1	TCaCO3/kT	0.3			N/A		02/01/12 13:25
Modified Sobek	ANP	21.6	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.24	%	0.01	0.004		W204303	MAD	02/01/12 13:25
Modified Sobek	Non-Sulfate Sulfur	0.76	%	0.01	0.004		W204303	MAD	02/01/12 11:54
Modified Sobek	Pyritic Sulfur	0.52	%	0.01			N/A		02/01/12 13:25
Modified Sobek	Sulfate Sulfur	0.43	%	0.01			N/A		02/01/12 11:54
Modified Sobek	Total Sulfur	1.19	%	0.01	0.004		W204303	MAD	01/30/12 08:54

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	2.4	TCaCO3/kT	0.3			N/A		02/01/12 14:54
Modified Sobek	AGP-HCl	19.2	TCaCO3/kT	0.3			N/A		02/01/12 14:54
Modified Sobek	Non-extractable Sulfur	0.24	%	0.01	0.004		W204303	MAD	02/01/12 13:25
Modified Sobek	Non-Sulfate Sulfur-HCl	0.86	%	0.01	0.004		W204303	MAD	02/01/12 14:54
Modified Sobek	Pyritic Sulfur-HCl	0.62	%	0.01			N/A		02/01/12 14:54
Modified Sobek	Sulfate Sulfur-HCl	0.34	%	0.01			N/A		02/01/12 14:54
Modified Sobek	Total Sulfur	1.19	%	0.01	0.004		W204303	MAD	01/30/12 08:54

Classical Chemistry Parameters

NAG	NAG pH @20.7°C	8.17	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.9°C	8.27	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 135.4-155.6**SVL Sample ID: **W2A0357-08 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.7	TCaCO3/kT	0.3			N/A		02/01/12 13:28
Modified Sobek	AGP	21.4	TCaCO3/kT	0.3			N/A		02/01/12 13:28
Modified Sobek	ANP	26.1	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W204303	MAD	02/01/12 13:28
Modified Sobek	Non-Sulfate Sulfur	0.89	%	0.01	0.004		W204303	MAD	02/01/12 11:59
Modified Sobek	Pyritic Sulfur	0.68	%	0.01			N/A		02/01/12 13:28
Modified Sobek	Sulfate Sulfur	0.34	%	0.01			N/A		02/01/12 11:59
Modified Sobek	Total Sulfur	1.23	%	0.01	0.004		W204303	MAD	01/30/12 09:04

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	6.0	TCaCO3/kT	0.3			N/A		02/01/12 14:59
Modified Sobek	AGP-HCl	20.1	TCaCO3/kT	0.3			N/A		02/01/12 14:59
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W204303	MAD	02/01/12 13:28
Modified Sobek	Non-Sulfate Sulfur-HCl	0.85	%	0.01	0.004		W204303	MAD	02/01/12 14:59
Modified Sobek	Pyritic Sulfur-HCl	0.64	%	0.01			N/A		02/01/12 14:59
Modified Sobek	Sulfate Sulfur-HCl	0.38	%	0.01			N/A		02/01/12 14:59
Modified Sobek	Total Sulfur	1.23	%	0.01	0.004		W204303	MAD	01/30/12 09:04

Classical Chemistry Parameters

NAG	NAG pH @20.8°C	7.90	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.3°C	8.14	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 418-443**SVL Sample ID: **W2A0357-09 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	19.3	TCaCO3/kT	0.3			N/A		02/01/12 13:37
Modified Sobek	AGP	18.1	TCaCO3/kT	0.3			N/A		02/01/12 13:37
Modified Sobek	ANP	37.4	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W204303	MAD	02/01/12 13:37
Modified Sobek	Non-Sulfate Sulfur	0.79	%	0.01	0.004		W204303	MAD	02/01/12 12:03
Modified Sobek	Pyritic Sulfur	0.58	%	0.01			N/A		02/01/12 13:37
Modified Sobek	Sulfate Sulfur	0.28	%	0.01			N/A		02/01/12 12:03
Modified Sobek	Total Sulfur	1.07	%	0.01	0.004		W204303	MAD	01/30/12 09:07

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	19.6	TCaCO3/kT	0.3			N/A		02/01/12 15:03
Modified Sobek	AGP-HCl	17.8	TCaCO3/kT	0.3			N/A		02/01/12 15:03
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W204303	MAD	02/01/12 13:37
Modified Sobek	Non-Sulfate Sulfur-HCl	0.78	%	0.01	0.004		W204303	MAD	02/01/12 15:03
Modified Sobek	Pyritic Sulfur-HCl	0.57	%	0.01			N/A		02/01/12 15:03
Modified Sobek	Sulfate Sulfur-HCl	0.29	%	0.01			N/A		02/01/12 15:03
Modified Sobek	Total Sulfur	1.07	%	0.01	0.004		W204303	MAD	01/30/12 09:07

Classical Chemistry Parameters

NAG	NAG pH @20.2°C	9.01	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.4°C	8.02	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 603-628**SVL Sample ID: **W2A0357-10 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-2.6	TCaCO3/kT	0.3			N/A		02/01/12 13:40
Modified Sobek	AGP	23.8	TCaCO3/kT	0.3			N/A		02/01/12 13:40
Modified Sobek	ANP	21.2	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.29	%	0.01	0.004		W204303	MAD	02/01/12 13:40
Modified Sobek	Non-Sulfate Sulfur	1.05	%	0.01	0.004		W204303	MAD	02/01/12 12:07
Modified Sobek	Pyritic Sulfur	0.76	%	0.01			N/A		02/01/12 13:40
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		02/01/12 12:07
Modified Sobek	Total Sulfur	1.29	%	0.01	0.004		W204303	MAD	01/30/12 09:10

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	< 0.3	TCaCO3/kT	0.3			N/A		02/01/12 15:08
Modified Sobek	AGP-HCl	21.1	TCaCO3/kT	0.3			N/A		02/01/12 15:08
Modified Sobek	Non-extractable Sulfur	0.29	%	0.01	0.004		W204303	MAD	02/01/12 13:40
Modified Sobek	Non-Sulfate Sulfur-HCl	0.96	%	0.01	0.004		W204303	MAD	02/01/12 15:08
Modified Sobek	Pyritic Sulfur-HCl	0.68	%	0.01			N/A		02/01/12 15:08
Modified Sobek	Sulfate Sulfur-HCl	0.32	%	0.01			N/A		02/01/12 15:08
Modified Sobek	Total Sulfur	1.29	%	0.01	0.004		W204303	MAD	01/30/12 09:10

Classical Chemistry Parameters

NAG	NAG pH @20.6°C	8.14	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.5°C	8.07	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 673-693**SVL Sample ID: **W2A0357-11 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-7.0	TCaCO3/kT	0.3			N/A		02/01/12 13:43
Modified Sobek	AGP	16.3	TCaCO3/kT	0.3			N/A		02/01/12 13:43
Modified Sobek	ANP	9.3	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:43
Modified Sobek	Non-Sulfate Sulfur	0.68	%	0.01	0.004		W204303	MAD	02/01/12 12:18
Modified Sobek	Pyritic Sulfur	0.52	%	0.01			N/A		02/01/12 13:43
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		02/01/12 12:18
Modified Sobek	Total Sulfur	0.92	%	0.01	0.004		W204303	MAD	01/30/12 09:13

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-2.9	TCaCO3/kT	0.3			N/A		02/01/12 15:11
Modified Sobek	AGP-HCl	12.2	TCaCO3/kT	0.3			N/A		02/01/12 15:11
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:43
Modified Sobek	Non-Sulfate Sulfur-HCl	0.55	%	0.01	0.004		W204303	MAD	02/01/12 15:11
Modified Sobek	Pyritic Sulfur-HCl	0.39	%	0.01			N/A		02/01/12 15:11
Modified Sobek	Sulfate Sulfur-HCl	0.37	%	0.01			N/A		02/01/12 15:11
Modified Sobek	Total Sulfur	0.92	%	0.01	0.004		W204303	MAD	01/30/12 09:13

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	8.67	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.8°C	8.25	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 860-868**SVL Sample ID: **W2A0357-12 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	27.5	TCaCO3/kT	0.3			N/A		02/01/12 13:46
Modified Sobek	AGP	6.4	TCaCO3/kT	0.3			N/A		02/01/12 13:46
Modified Sobek	ANP	34.0	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.11	%	0.01	0.004		W204303	MAD	02/01/12 13:46
Modified Sobek	Non-Sulfate Sulfur	0.31	%	0.01	0.004		W204303	MAD	02/01/12 12:21
Modified Sobek	Pyritic Sulfur	0.20	%	0.01			N/A		02/01/12 13:46
Modified Sobek	Sulfate Sulfur	0.14	%	0.01			N/A		02/01/12 12:21
Modified Sobek	Total Sulfur	0.45	%	0.01	0.004		W204303	MAD	01/30/12 09:16

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	28.7	TCaCO3/kT	0.3			N/A		02/01/12 15:14
Modified Sobek	AGP-HCl	5.3	TCaCO3/kT	0.3			N/A		02/01/12 15:14
Modified Sobek	Non-extractable Sulfur	0.11	%	0.01	0.004		W204303	MAD	02/01/12 13:46
Modified Sobek	Non-Sulfate Sulfur-HCl	0.28	%	0.01	0.004		W204303	MAD	02/01/12 15:14
Modified Sobek	Pyritic Sulfur-HCl	0.17	%	0.01			N/A		02/01/12 15:14
Modified Sobek	Sulfate Sulfur-HCl	0.18	%	0.01			N/A		02/01/12 15:14
Modified Sobek	Total Sulfur	0.45	%	0.01	0.004		W204303	MAD	01/30/12 09:16

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	8.29	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.4°C	8.63	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-06 872.5-898**SVL Sample ID: **W2A0357-13 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	3.1	TCaCO3/kT	0.3			N/A		02/01/12 13:49
Modified Sobek	AGP	9.7	TCaCO3/kT	0.3			N/A		02/01/12 13:49
Modified Sobek	ANP	12.8	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W204303	MAD	02/01/12 13:49
Modified Sobek	Non-Sulfate Sulfur	0.44	%	0.01	0.004		W204303	MAD	02/01/12 12:25
Modified Sobek	Pyritic Sulfur	0.31	%	0.01			N/A		02/01/12 13:49
Modified Sobek	Sulfate Sulfur	0.18	%	0.01			N/A		02/01/12 12:25
Modified Sobek	Total Sulfur	0.62	%	0.01	0.004		W204303	MAD	01/30/12 09:19

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	4.1	TCaCO3/kT	0.3			N/A		02/01/12 15:17
Modified Sobek	AGP-HCl	8.7	TCaCO3/kT	0.3			N/A		02/01/12 15:17
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W204303	MAD	02/01/12 13:49
Modified Sobek	Non-Sulfate Sulfur-HCl	0.40	%	0.01	0.004		W204303	MAD	02/01/12 15:17
Modified Sobek	Pyritic Sulfur-HCl	0.28	%	0.01			N/A		02/01/12 15:17
Modified Sobek	Sulfate Sulfur-HCl	0.22	%	0.01			N/A		02/01/12 15:17
Modified Sobek	Total Sulfur	0.62	%	0.01	0.004		W204303	MAD	01/30/12 09:19

Classical Chemistry Parameters

NAG	NAG pH @20.4°C	3.44	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	2.15	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	3.92	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.6°C	8.65	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-07 312-346.6**SVL Sample ID: **W2A0357-14 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	20.3	TCaCO3/kT	0.3			N/A		02/01/12 13:52
Modified Sobek	AGP	13.7	TCaCO3/kT	0.3			N/A		02/01/12 13:52
Modified Sobek	ANP	34.0	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.26	%	0.01	0.004		W204303	MAD	02/01/12 13:52
Modified Sobek	Non-Sulfate Sulfur	0.70	%	0.01	0.004		W204303	MAD	02/01/12 12:29
Modified Sobek	Pyritic Sulfur	0.44	%	0.01			N/A		02/01/12 13:52
Modified Sobek	Sulfate Sulfur	0.18	%	0.01			N/A		02/01/12 12:29
Modified Sobek	Total Sulfur	0.87	%	0.01	0.004		W204303	MAD	01/30/12 09:22

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	26.2	TCaCO3/kT	0.3			N/A		02/01/12 15:19
Modified Sobek	AGP-HCl	7.8	TCaCO3/kT	0.3			N/A		02/01/12 15:19
Modified Sobek	Non-extractable Sulfur	0.26	%	0.01	0.004		W204303	MAD	02/01/12 13:52
Modified Sobek	Non-Sulfate Sulfur-HCl	0.50	%	0.01	0.004		W204303	MAD	02/01/12 15:19
Modified Sobek	Pyritic Sulfur-HCl	0.25	%	0.01			N/A		02/01/12 15:19
Modified Sobek	Sulfate Sulfur-HCl	0.37	%	0.01			N/A		02/01/12 15:19
Modified Sobek	Total Sulfur	0.87	%	0.01	0.004		W204303	MAD	01/30/12 09:22

Classical Chemistry Parameters

NAG	NAG pH @20.9°C	7.87	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.6°C	8.30	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-07 521.7-543**SVL Sample ID: **W2A0357-15 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	12.1	TCaCO3/kT	0.3			N/A		02/01/12 13:55
Modified Sobek	AGP	18.9	TCaCO3/kT	0.3			N/A		02/01/12 13:55
Modified Sobek	ANP	31.0	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 13:55
Modified Sobek	Non-Sulfate Sulfur	0.78	%	0.01	0.004		W204303	MAD	02/01/12 12:33
Modified Sobek	Pyritic Sulfur	0.60	%	0.01			N/A		02/01/12 13:55
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		02/01/12 12:33
Modified Sobek	Total Sulfur	0.96	%	0.01	0.004		W204303	MAD	01/30/12 09:25

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	14.6	TCaCO3/kT	0.3			N/A		02/01/12 15:24
Modified Sobek	AGP-HCl	16.4	TCaCO3/kT	0.3			N/A		02/01/12 15:24
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 13:55
Modified Sobek	Non-Sulfate Sulfur-HCl	0.70	%	0.01	0.004		W204303	MAD	02/01/12 15:24
Modified Sobek	Pyritic Sulfur-HCl	0.53	%	0.01			N/A		02/01/12 15:24
Modified Sobek	Sulfate Sulfur-HCl	0.27	%	0.01			N/A		02/01/12 15:24
Modified Sobek	Total Sulfur	0.96	%	0.01	0.004		W204303	MAD	01/30/12 09:25

Classical Chemistry Parameters

NAG	NAG pH @20.2°C	8.31	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.8°C	8.40	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-07 966.8-996.8**SVL Sample ID: **W2A0357-16 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	21.9	TCaCO3/kT	0.3			N/A		02/01/12 13:57
Modified Sobek	AGP	7.2	TCaCO3/kT	0.3			N/A		02/01/12 13:57
Modified Sobek	ANP	29.0	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:57
Modified Sobek	Non-Sulfate Sulfur	0.38	%	0.01	0.004		W204303	MAD	02/01/12 12:36
Modified Sobek	Pyritic Sulfur	0.23	%	0.01			N/A		02/01/12 13:57
Modified Sobek	Sulfate Sulfur	0.16	%	0.01			N/A		02/01/12 12:36
Modified Sobek	Total Sulfur	0.54	%	0.01	0.004		W204303	MAD	01/30/12 09:28

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	25.3	TCaCO3/kT	0.3			N/A		02/01/12 15:27
Modified Sobek	AGP-HCl	3.7	TCaCO3/kT	0.3			N/A		02/01/12 15:27
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 13:57
Modified Sobek	Non-Sulfate Sulfur-HCl	0.27	%	0.01	0.004		W204303	MAD	02/01/12 15:27
Modified Sobek	Pyritic Sulfur-HCl	0.12	%	0.01			N/A		02/01/12 15:27
Modified Sobek	Sulfate Sulfur-HCl	0.27	%	0.01			N/A		02/01/12 15:27
Modified Sobek	Total Sulfur	0.54	%	0.01	0.004		W204303	MAD	01/30/12 09:28

Classical Chemistry Parameters

NAG	NAG pH @20.4°C	8.06	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.2°C	8.56	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-08 844.2-879.2**SVL Sample ID: **W2A0357-17 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.8	TCaCO3/kT	0.3			N/A		02/01/12 14:00
Modified Sobek	AGP	16.4	TCaCO3/kT	0.3			N/A		02/01/12 14:00
Modified Sobek	ANP	21.2	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204303	MAD	02/01/12 14:00
Modified Sobek	Non-Sulfate Sulfur	0.74	%	0.01	0.004		W204303	MAD	02/01/12 12:41
Modified Sobek	Pyritic Sulfur	0.52	%	0.01			N/A		02/01/12 14:00
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		02/01/12 12:41
Modified Sobek	Total Sulfur	0.98	%	0.01	0.004		W204303	MAD	01/30/12 09:31

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	10.1	TCaCO3/kT	0.3			N/A		02/01/12 15:36
Modified Sobek	AGP-HCl	11.1	TCaCO3/kT	0.3			N/A		02/01/12 15:36
Modified Sobek	Non-extractable Sulfur	0.22	%	0.01	0.004		W204303	MAD	02/01/12 14:00
Modified Sobek	Non-Sulfate Sulfur-HCl	0.57	%	0.01	0.004		W204303	MAD	02/01/12 15:36
Modified Sobek	Pyritic Sulfur-HCl	0.36	%	0.01			N/A		02/01/12 15:36
Modified Sobek	Sulfate Sulfur-HCl	0.41	%	0.01			N/A		02/01/12 15:36
Modified Sobek	Total Sulfur	0.98	%	0.01	0.004		W204303	MAD	01/30/12 09:31

Classical Chemistry Parameters

NAG	NAG pH @20.8°C	7.82	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.7°C	8.26	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-08 1139.5-1179.5**SVL Sample ID: **W2A0357-18 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	29.9	TCaCO3/kT	0.3			N/A		02/01/12 14:03
Modified Sobek	AGP	4.5	TCaCO3/kT	0.3			N/A		02/01/12 14:03
Modified Sobek	ANP	34.4	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01	0.004		W204303	MAD	02/01/12 14:03
Modified Sobek	Non-Sulfate Sulfur	0.23	%	0.01	0.004		W204303	MAD	02/01/12 12:44
Modified Sobek	Pyritic Sulfur	0.14	%	0.01			N/A		02/01/12 14:03
Modified Sobek	Sulfate Sulfur	0.08	%	0.01			N/A		02/01/12 12:44
Modified Sobek	Total Sulfur	0.31	%	0.01	0.004		W204303	MAD	01/30/12 09:40

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	30.5	TCaCO3/kT	0.3			N/A		02/01/12 15:39
Modified Sobek	AGP-HCl	4.0	TCaCO3/kT	0.3			N/A		02/01/12 15:39
Modified Sobek	Non-extractable Sulfur	0.08	%	0.01	0.004		W204303	MAD	02/01/12 14:03
Modified Sobek	Non-Sulfate Sulfur-HCl	0.21	%	0.01	0.004		W204303	MAD	02/01/12 15:39
Modified Sobek	Pyritic Sulfur-HCl	0.13	%	0.01			N/A		02/01/12 15:39
Modified Sobek	Sulfate Sulfur-HCl	0.10	%	0.01			N/A		02/01/12 15:39
Modified Sobek	Total Sulfur	0.31	%	0.01	0.004		W204303	MAD	01/30/12 09:40

Classical Chemistry Parameters

NAG	NAG pH @20.1°C	7.90	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.6°C	8.66	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-08 365-405**SVL Sample ID: **W2A0357-19 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	10.0	TCaCO3/kT	0.3			N/A		02/01/12 14:13
Modified Sobek	AGP	15.1	TCaCO3/kT	0.3			N/A		02/01/12 14:13
Modified Sobek	ANP	25.1	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 14:13
Modified Sobek	Non-Sulfate Sulfur	0.65	%	0.01	0.004		W204303	MAD	02/01/12 12:48
Modified Sobek	Pyritic Sulfur	0.48	%	0.01			N/A		02/01/12 14:13
Modified Sobek	Sulfate Sulfur	0.27	%	0.01			N/A		02/01/12 12:48
Modified Sobek	Total Sulfur	0.91	%	0.01	0.004		W204303	MAD	01/30/12 09:44

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	15.6	TCaCO3/kT	0.3			N/A		02/01/12 15:42
Modified Sobek	AGP-HCl	9.5	TCaCO3/kT	0.3			N/A		02/01/12 15:42
Modified Sobek	Non-extractable Sulfur	0.17	%	0.01	0.004		W204303	MAD	02/01/12 14:13
Modified Sobek	Non-Sulfate Sulfur-HCl	0.47	%	0.01	0.004		W204303	MAD	02/01/12 15:42
Modified Sobek	Pyritic Sulfur-HCl	0.30	%	0.01			N/A		02/01/12 15:42
Modified Sobek	Sulfate Sulfur-HCl	0.44	%	0.01			N/A		02/01/12 15:42
Modified Sobek	Total Sulfur	0.91	%	0.01	0.004		W204303	MAD	01/30/12 09:44

Classical Chemistry Parameters

NAG	NAG pH @20.0°C	8.20	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.7°C	8.22	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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McClelland Laboratories Inc
1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Client Sample ID: **CF-11-09 313-333**SVL Sample ID: **W2A0357-20 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	-3.6	TCaCO3/kT	0.3			N/A		02/01/12 14:16
Modified Sobek	AGP	27.2	TCaCO3/kT	0.3			N/A		02/01/12 14:16
Modified Sobek	ANP	23.6	TCaCO3/kT	0.3	0.1		W204303	AGF	01/31/12 11:18
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 14:16
Modified Sobek	Non-Sulfate Sulfur	1.03	%	0.01	0.004		W204303	MAD	02/01/12 12:52
Modified Sobek	Pyritic Sulfur	0.87	%	0.01			N/A		02/01/12 14:16
Modified Sobek	Sulfate Sulfur	0.31	%	0.01			N/A		02/01/12 12:52
Modified Sobek	Total Sulfur	1.34	%	0.01	0.004		W204303	MAD	01/30/12 09:46

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	-3.3	TCaCO3/kT	0.3			N/A		02/01/12 15:47
Modified Sobek	AGP-HCl	26.9	TCaCO3/kT	0.3			N/A		02/01/12 15:47
Modified Sobek	Non-extractable Sulfur	0.16	%	0.01	0.004		W204303	MAD	02/01/12 14:16
Modified Sobek	Non-Sulfate Sulfur-HCl	1.02	%	0.01	0.004		W204303	MAD	02/01/12 15:47
Modified Sobek	Pyritic Sulfur-HCl	0.86	%	0.01			N/A		02/01/12 15:47
Modified Sobek	Sulfate Sulfur-HCl	0.32	%	0.01			N/A		02/01/12 15:47
Modified Sobek	Total Sulfur	1.34	%	0.01	0.004		W204303	MAD	01/30/12 09:46

Classical Chemistry Parameters

NAG	NAG pH @19.9°C	7.85	pH Units				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204323	AGF	01/31/12 14:30
USDA HB60(21a)	Paste pH @18.9°C	7.92	pH Units				W205131	MAD	02/02/12 11:47

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.1	0.3	W204303	31-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W204303	01-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W204303	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204303	01-Feb-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W204303	01-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W204303	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W204303	01-Feb-12

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	35.4	33.2	107	80 - 120	W204303	31-Jan-12
Modified Sobek	Total Sulfur	%	0.97	0.942	103	80 - 120	W204303	30-Jan-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	0.97	0.942	103	80 - 120	W204303	30-Jan-12
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Classical Chemistry Parameters

USDA HB60(21a)	Paste pH	pH Units	8.13	8.18	99.4	93.7 - 106.3	W205131	02-Feb-12
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	26.1	26.6	1.9	20	W204303	31-Jan-12
Modified Sobek	Non-Sulfate Sulfur	%	0.68	0.65	4.1	20	W204303	01-Feb-12
Modified Sobek	Total Sulfur	%	0.94	0.93	0.2	20	W204303	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	0.26	0.25	7.0	20	W204303	01-Feb-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.58	0.58	1.4	20	W204303	01-Feb-12
Modified Sobek	Total Sulfur	%	0.94	0.93	0.2	20	W204303	30-Jan-12
Modified Sobek	Non-extractable Sulfur	%	0.26	0.25	7.0	20	W204303	01-Feb-12

Classical Chemistry Parameters

NAG	NAG pH	pH Units	8.22	8.25	0.4	20	W204323	31-Jan-12
NAG	NAG@pH 4.5	kg H2SO4/T	N/A	N/A	20	W204323	31-Jan-12	
NAG	NAG@pH 7	kg H2SO4/T	N/A	N/A	20	W204323	31-Jan-12	
USDA HB60(21a)	Paste pH	pH Units	8.32	8.38	0.7	20	W205131	02-Feb-12

SVL holds the following certifications:

AZ:0538, CA:2080, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology), NV:ID000192007A, WA:1268

Work order Report Page 22 of 23



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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0357
Reported: 02-Feb-12 14:15

Notes and Definitions

LCS	Laboratory Control Sample (Blank Spike)
RPD	Relative Percent Difference
UDL	A result is less than the detection limit
R > 4S	% recovery not applicable, sample concentration more than four times greater than spike level
<RL	A result is less than the reporting limit
MRL	Method Reporting Limit
MDL	Method Detection Limit
N/A	Not Applicable



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McClelland Laboratories Inc
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Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CF-11-09 495.5-528.5	W2A0358-01	Soil	—	24-Jan-2012
CF-11-09 688-718	W2A0358-02	Soil	—	24-Jan-2012
CF-11-09 923-953	W2A0358-03	Soil	—	24-Jan-2012
CF-11-09 1097.8-1125	W2A0358-04	Soil	—	24-Jan-2012
CF-11-09 588-628	W2A0358-05	Soil	—	24-Jan-2012
CF-11-10-B 565.1-585	W2A0358-06	Soil	—	24-Jan-2012
CF-11-10-B 651-688	W2A0358-07	Soil	—	24-Jan-2012
CF-11-10-B 829-862	W2A0358-08	Soil	—	24-Jan-2012
CF-11-10-B 1000-1035	W2A0358-09	Soil	—	24-Jan-2012
CF-11-10-B 1090-1129.2	W2A0358-10	Soil	—	24-Jan-2012
CF-11-11 322.2-351	W2A0358-11	Soil	—	24-Jan-2012
CF-11-11 435.2-461.5	W2A0358-12	Soil	—	24-Jan-2012
CF-11-11 578-608	W2A0358-13	Soil	—	24-Jan-2012
CF-11-11 664.2-700.1	W2A0358-14	Soil	—	24-Jan-2012
CF-11-11 828-860	W2A0358-15	Soil	—	24-Jan-2012
CF-11-12 504-541	W2A0358-16	Soil	—	24-Jan-2012
CF-11-12 718-753	W2A0358-17	Soil	—	24-Jan-2012
CF-11-12 873.5-905	W2A0358-18	Soil	—	24-Jan-2012
CF-11-14 0-14	W2A0358-19	Soil	—	24-Jan-2012
CF-11-14 28.3-51	W2A0358-20	Soil	—	24-Jan-2012
CF-11-14 431-471.1	W2A0358-21	Soil	—	24-Jan-2012
CF-11-14 806-829.5	W2A0358-22	Soil	—	24-Jan-2012

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL. Sample preparation is defined by the client as per their Data Quality Objectives.

This report supersedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, ABA and Sulfur Forms. HCl wash added per NDEP directive.



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-09 495.5-528.5**SVL Sample ID: **W2A0358-01 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	8.5	TCaCO3/kT	0.3			N/A		02/03/12 14:36
Modified Sobek	AGP	8.8	TCaCO3/kT	0.3			N/A		02/03/12 14:36
Modified Sobek	ANP	17.3	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 14:36
Modified Sobek	Non-Sulfate Sulfur	0.38	%	0.01	0.004		W205053	MAD	02/02/12 15:52
Modified Sobek	Pyritic Sulfur	0.28	%	0.01			N/A		02/03/12 14:36
Modified Sobek	Sulfate Sulfur	0.21	%	0.01			N/A		02/02/12 15:52
Modified Sobek	Total Sulfur	0.58	%	0.01	0.004		W205053	MAD	01/31/12 09:44

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	10.2	TCaCO3/kT	0.3			N/A		02/03/12 14:36
Modified Sobek	AGP-HCl	7.1	TCaCO3/kT	0.3			N/A		02/03/12 14:36
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 14:36
Modified Sobek	Non-Sulfate Sulfur-HCl	0.32	%	0.01	0.004		W205053	MAD	02/02/12 13:37
Modified Sobek	Pyritic Sulfur-HCl	0.23	%	0.01			N/A		02/03/12 14:36
Modified Sobek	Sulfate Sulfur-HCl	0.26	%	0.01			N/A		02/02/12 13:37
Modified Sobek	Total Sulfur	0.58	%	0.01	0.004		W205053	MAD	01/31/12 09:44

Classical Chemistry Parameters

NAG	NAG pH @22.6°C	7.85	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @18.8°C	8.34	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-09 688-718**SVL Sample ID: **W2A0358-02 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	13.7	TCaCO3/kT	0.3			N/A		02/03/12 14:39
Modified Sobek	AGP	11.6	TCaCO3/kT	0.3			N/A		02/03/12 14:39
Modified Sobek	ANP	25.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 14:39
Modified Sobek	Non-Sulfate Sulfur	0.52	%	0.01	0.004		W205053	MAD	02/02/12 15:56
Modified Sobek	Pyritic Sulfur	0.37	%	0.01			N/A		02/03/12 14:39
Modified Sobek	Sulfate Sulfur	0.15	%	0.01			N/A		02/02/12 15:56
Modified Sobek	Total Sulfur	0.67	%	0.01	0.004		W205053	MAD	01/31/12 09:47

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	18.8	TCaCO3/kT	0.3			N/A		02/03/12 14:39
Modified Sobek	AGP-HCl	6.4	TCaCO3/kT	0.3			N/A		02/03/12 14:39
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 14:39
Modified Sobek	Non-Sulfate Sulfur-HCl	0.35	%	0.01	0.004		W205053	MAD	02/02/12 13:47
Modified Sobek	Pyritic Sulfur-HCl	0.20	%	0.01			N/A		02/03/12 14:39
Modified Sobek	Sulfate Sulfur-HCl	0.32	%	0.01			N/A		02/02/12 13:47
Modified Sobek	Total Sulfur	0.67	%	0.01	0.004		W205053	MAD	01/31/12 09:47

Classical Chemistry Parameters

NAG	NAG pH @22.1°C	8.78	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.0°C	8.18	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-09 923-953**SVL Sample ID: **W2A0358-03 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	22.6	TCaCO3/kT	0.3			N/A		02/03/12 14:42
Modified Sobek	AGP	2.7	TCaCO3/kT	0.3			N/A		02/03/12 14:42
Modified Sobek	ANP	25.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W205053	MAD	02/03/12 14:42
Modified Sobek	Non-Sulfate Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/02/12 15:59
Modified Sobek	Pyritic Sulfur	0.08	%	0.01			N/A		02/03/12 14:42
Modified Sobek	Sulfate Sulfur	0.05	%	0.01			N/A		02/02/12 15:59
Modified Sobek	Total Sulfur	0.20	%	0.01	0.004		W205053	MAD	01/31/12 09:50

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	23.2	TCaCO3/kT	0.3			N/A		02/03/12 14:42
Modified Sobek	AGP-HCl	2.1	TCaCO3/kT	0.3			N/A		02/03/12 14:42
Modified Sobek	Non-extractable Sulfur	0.06	%	0.01	0.004		W205053	MAD	02/03/12 14:42
Modified Sobek	Non-Sulfate Sulfur-HCl	0.13	%	0.01	0.004		W205053	MAD	02/02/12 13:50
Modified Sobek	Pyritic Sulfur-HCl	0.07	%	0.01			N/A		02/03/12 14:42
Modified Sobek	Sulfate Sulfur-HCl	0.07	%	0.01			N/A		02/02/12 13:50
Modified Sobek	Total Sulfur	0.20	%	0.01	0.004		W205053	MAD	01/31/12 09:50

Classical Chemistry Parameters

NAG	NAG pH @22.0°C	8.82	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.3°C	8.51	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-09 1097.8-1125**SVL Sample ID: **W2A0358-04 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	14.8	TCaCO3/kT	0.3			N/A		02/03/12 14:45
Modified Sobek	AGP	3.0	TCaCO3/kT	0.3			N/A		02/03/12 14:45
Modified Sobek	ANP	17.8	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W205053	MAD	02/03/12 14:45
Modified Sobek	Non-Sulfate Sulfur	0.19	%	0.01	0.004		W205053	MAD	02/02/12 16:02
Modified Sobek	Pyritic Sulfur	0.09	%	0.01			N/A		02/03/12 14:45
Modified Sobek	Sulfate Sulfur	0.10	%	0.01			N/A		02/02/12 16:02
Modified Sobek	Total Sulfur	0.29	%	0.01	0.004		W205053	MAD	01/31/12 09:54

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	15.2	TCaCO3/kT	0.3			N/A		02/03/12 14:45
Modified Sobek	AGP-HCl	2.6	TCaCO3/kT	0.3			N/A		02/03/12 14:45
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W205053	MAD	02/03/12 14:45
Modified Sobek	Non-Sulfate Sulfur-HCl	0.18	%	0.01	0.004		W205053	MAD	02/02/12 13:53
Modified Sobek	Pyritic Sulfur-HCl	0.08	%	0.01			N/A		02/03/12 14:45
Modified Sobek	Sulfate Sulfur-HCl	0.11	%	0.01			N/A		02/02/12 13:53
Modified Sobek	Total Sulfur	0.29	%	0.01	0.004		W205053	MAD	01/31/12 09:54

Classical Chemistry Parameters

NAG	NAG pH @22.3°C	8.17	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.54	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-09 588-628**SVL Sample ID: **W2A0358-05 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	24.8	TCaCO3/kT	0.3			N/A		02/03/12 14:48
Modified Sobek	AGP	5.9	TCaCO3/kT	0.3			N/A		02/03/12 14:48
Modified Sobek	ANP	30.7	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 14:48
Modified Sobek	Non-Sulfate Sulfur	0.32	%	0.01	0.004		W205053	MAD	02/02/12 16:06
Modified Sobek	Pyritic Sulfur	0.19	%	0.01			N/A		02/03/12 14:48
Modified Sobek	Sulfate Sulfur	0.10	%	0.01			N/A		02/02/12 16:06
Modified Sobek	Total Sulfur	0.41	%	0.01	0.004		W205053	MAD	01/31/12 09:56

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	27.4	TCaCO3/kT	0.3			N/A		02/03/12 14:48
Modified Sobek	AGP-HCl	3.2	TCaCO3/kT	0.3			N/A		02/03/12 14:48
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 14:48
Modified Sobek	Non-Sulfate Sulfur-HCl	0.23	%	0.01	0.004		W205053	MAD	02/02/12 13:55
Modified Sobek	Pyritic Sulfur-HCl	0.10	%	0.01			N/A		02/03/12 14:48
Modified Sobek	Sulfate Sulfur-HCl	0.18	%	0.01			N/A		02/02/12 13:55
Modified Sobek	Total Sulfur	0.41	%	0.01	0.004		W205053	MAD	01/31/12 09:56

Classical Chemistry Parameters

NAG	NAG pH @22.5°C	8.18	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.28	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-10-B 565.1-585**SVL Sample ID: **W2A0358-06 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	12.8	TCaCO3/kT	0.3			N/A		02/03/12 14:51
Modified Sobek	AGP	16.3	TCaCO3/kT	0.3			N/A		02/03/12 14:51
Modified Sobek	ANP	29.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W205053	MAD	02/03/12 14:51
Modified Sobek	Non-Sulfate Sulfur	0.74	%	0.01	0.004		W205053	MAD	02/02/12 16:10
Modified Sobek	Pyritic Sulfur	0.52	%	0.01			N/A		02/03/12 14:51
Modified Sobek	Sulfate Sulfur	0.24	%	0.01			N/A		02/02/12 16:10
Modified Sobek	Total Sulfur	0.97	%	0.01	0.004		W205053	MAD	01/31/12 09:59

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	15.9	TCaCO3/kT	0.3			N/A		02/03/12 14:51
Modified Sobek	AGP-HCl	13.3	TCaCO3/kT	0.3			N/A		02/03/12 14:51
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W205053	MAD	02/03/12 14:51
Modified Sobek	Non-Sulfate Sulfur-HCl	0.64	%	0.01	0.004		W205053	MAD	02/02/12 13:58
Modified Sobek	Pyritic Sulfur-HCl	0.43	%	0.01			N/A		02/03/12 14:51
Modified Sobek	Sulfate Sulfur-HCl	0.33	%	0.01			N/A		02/02/12 13:58
Modified Sobek	Total Sulfur	0.97	%	0.01	0.004		W205053	MAD	01/31/12 09:59

Classical Chemistry Parameters

NAG	NAG pH @22.0°C	8.41	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.3°C	8.38	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-10-B 651-688**SVL Sample ID: **W2A0358-07 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	19.8	TCaCO3/kT	0.3			N/A		02/03/12 15:00
Modified Sobek	AGP	7.9	TCaCO3/kT	0.3			N/A		02/03/12 15:00
Modified Sobek	ANP	27.7	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:00
Modified Sobek	Non-Sulfate Sulfur	0.38	%	0.01	0.004		W205053	MAD	02/02/12 16:21
Modified Sobek	Pyritic Sulfur	0.25	%	0.01			N/A		02/03/12 15:00
Modified Sobek	Sulfate Sulfur	0.10	%	0.01			N/A		02/02/12 16:21
Modified Sobek	Total Sulfur	0.48	%	0.01	0.004		W205053	MAD	01/31/12 10:02

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	22.6	TCaCO3/kT	0.3			N/A		02/03/12 15:00
Modified Sobek	AGP-HCl	5.1	TCaCO3/kT	0.3			N/A		02/03/12 15:00
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:00
Modified Sobek	Non-Sulfate Sulfur-HCl	0.29	%	0.01	0.004		W205053	MAD	02/02/12 14:01
Modified Sobek	Pyritic Sulfur-HCl	0.16	%	0.01			N/A		02/03/12 15:00
Modified Sobek	Sulfate Sulfur-HCl	0.19	%	0.01			N/A		02/02/12 14:01
Modified Sobek	Total Sulfur	0.48	%	0.01	0.004		W205053	MAD	01/31/12 10:02

Classical Chemistry Parameters

NAG	NAG pH @21.9°C	9.05	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.1°C	8.54	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-10-B 829-862**SVL Sample ID: **W2A0358-08 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	4.6	TCaCO3/kT	0.3			N/A		02/03/12 15:03
Modified Sobek	AGP	18.7	TCaCO3/kT	0.3			N/A		02/03/12 15:03
Modified Sobek	ANP	23.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W205053	MAD	02/03/12 15:03
Modified Sobek	Non-Sulfate Sulfur	0.80	%	0.01	0.004		W205053	MAD	02/02/12 16:25
Modified Sobek	Pyritic Sulfur	0.60	%	0.01			N/A		02/03/12 15:03
Modified Sobek	Sulfate Sulfur	0.14	%	0.01			N/A		02/02/12 16:25
Modified Sobek	Total Sulfur	0.94	%	0.01	0.004		W205053	MAD	01/31/12 10:12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	11.8	TCaCO3/kT	0.3			N/A		02/03/12 15:03
Modified Sobek	AGP-HCl	11.4	TCaCO3/kT	0.3			N/A		02/03/12 15:03
Modified Sobek	Non-extractable Sulfur	0.21	%	0.01	0.004		W205053	MAD	02/03/12 15:03
Modified Sobek	Non-Sulfate Sulfur-HCl	0.57	%	0.01	0.004		W205053	MAD	02/02/12 14:04
Modified Sobek	Pyritic Sulfur-HCl	0.36	%	0.01			N/A		02/03/12 15:03
Modified Sobek	Sulfate Sulfur-HCl	0.37	%	0.01			N/A		02/02/12 14:04
Modified Sobek	Total Sulfur	0.94	%	0.01	0.004		W205053	MAD	01/31/12 10:12

Classical Chemistry Parameters

NAG	NAG pH @21.9°C	8.40	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.31	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-10-B 1000-1035**SVL Sample ID: **W2A0358-09 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	15.4	TCaCO3/kT	0.3			N/A		02/03/12 15:06
Modified Sobek	AGP	10.3	TCaCO3/kT	0.3			N/A		02/03/12 15:06
Modified Sobek	ANP	25.7	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 15:06
Modified Sobek	Non-Sulfate Sulfur	0.48	%	0.01	0.004		W205053	MAD	02/02/12 16:29
Modified Sobek	Pyritic Sulfur	0.33	%	0.01			N/A		02/03/12 15:06
Modified Sobek	Sulfate Sulfur	0.20	%	0.01			N/A		02/02/12 16:29
Modified Sobek	Total Sulfur	0.68	%	0.01	0.004		W205053	MAD	01/31/12 10:15

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	19.4	TCaCO3/kT	0.3			N/A		02/03/12 15:06
Modified Sobek	AGP-HCl	6.3	TCaCO3/kT	0.3			N/A		02/03/12 15:06
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 15:06
Modified Sobek	Non-Sulfate Sulfur-HCl	0.35	%	0.01	0.004		W205053	MAD	02/02/12 14:07
Modified Sobek	Pyritic Sulfur-HCl	0.20	%	0.01			N/A		02/03/12 15:06
Modified Sobek	Sulfate Sulfur-HCl	0.33	%	0.01			N/A		02/02/12 14:07
Modified Sobek	Total Sulfur	0.68	%	0.01	0.004		W205053	MAD	01/31/12 10:15

Classical Chemistry Parameters

NAG	NAG pH @23.1°C	7.91	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.6°C	8.70	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-10-B 1090-1129.2**SVL Sample ID: **W2A0358-10 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	18.3	TCaCO3/kT	0.3			N/A		02/03/12 15:09
Modified Sobek	AGP	8.9	TCaCO3/kT	0.3			N/A		02/03/12 15:09
Modified Sobek	ANP	27.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.19	%	0.01	0.004		W205053	MAD	02/03/12 15:09
Modified Sobek	Non-Sulfate Sulfur	0.47	%	0.01	0.004		W205053	MAD	02/02/12 16:33
Modified Sobek	Pyritic Sulfur	0.28	%	0.01			N/A		02/03/12 15:09
Modified Sobek	Sulfate Sulfur	0.19	%	0.01			N/A		02/02/12 16:33
Modified Sobek	Total Sulfur	0.66	%	0.01	0.004		W205053	MAD	01/31/12 10:18

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	20.3	TCaCO3/kT	0.3			N/A		02/03/12 15:09
Modified Sobek	AGP-HCl	6.9	TCaCO3/kT	0.3			N/A		02/03/12 15:09
Modified Sobek	Non-extractable Sulfur	0.19	%	0.01	0.004		W205053	MAD	02/03/12 15:09
Modified Sobek	Non-Sulfate Sulfur-HCl	0.41	%	0.01	0.004		W205053	MAD	02/02/12 14:10
Modified Sobek	Pyritic Sulfur-HCl	0.22	%	0.01			N/A		02/03/12 15:09
Modified Sobek	Sulfate Sulfur-HCl	0.25	%	0.01			N/A		02/02/12 14:10
Modified Sobek	Total Sulfur	0.66	%	0.01	0.004		W205053	MAD	01/31/12 10:18

Classical Chemistry Parameters

NAG	NAG pH @22.6°C	8.38	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.4°C	8.83	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-11 322.2-351**SVL Sample ID: **W2A0358-11 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	21.6	TCaCO3/kT	0.3			N/A		02/03/12 15:12
Modified Sobek	AGP	4.1	TCaCO3/kT	0.3			N/A		02/03/12 15:12
Modified Sobek	ANP	25.7	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 15:12
Modified Sobek	Non-Sulfate Sulfur	0.22	%	0.01	0.004		W205053	MAD	02/02/12 16:37
Modified Sobek	Pyritic Sulfur	0.13	%	0.01			N/A		02/03/12 15:12
Modified Sobek	Sulfate Sulfur	0.11	%	0.01			N/A		02/02/12 16:37
Modified Sobek	Total Sulfur	0.34	%	0.01	0.004		W205053	MAD	01/31/12 10:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	22.3	TCaCO3/kT	0.3			N/A		02/03/12 15:12
Modified Sobek	AGP-HCl	3.4	TCaCO3/kT	0.3			N/A		02/03/12 15:12
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 15:12
Modified Sobek	Non-Sulfate Sulfur-HCl	0.20	%	0.01	0.004		W205053	MAD	02/02/12 14:13
Modified Sobek	Pyritic Sulfur-HCl	0.11	%	0.01			N/A		02/03/12 15:12
Modified Sobek	Sulfate Sulfur-HCl	0.14	%	0.01			N/A		02/02/12 14:13
Modified Sobek	Total Sulfur	0.34	%	0.01	0.004		W205053	MAD	01/31/12 10:21

Classical Chemistry Parameters

NAG	NAG pH @22.1°C	8.11	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.36	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-11 435.2-461.5**SVL Sample ID: **W2A0358-12 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	27.0	TCaCO3/kT	0.3			N/A		02/03/12 15:14
Modified Sobek	AGP	6.6	TCaCO3/kT	0.3			N/A		02/03/12 15:14
Modified Sobek	ANP	33.6	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 15:14
Modified Sobek	Non-Sulfate Sulfur	0.36	%	0.01	0.004		W205053	MAD	02/02/12 16:41
Modified Sobek	Pyritic Sulfur	0.21	%	0.01			N/A		02/03/12 15:14
Modified Sobek	Sulfate Sulfur	0.15	%	0.01			N/A		02/02/12 16:41
Modified Sobek	Total Sulfur	0.51	%	0.01	0.004		W205053	MAD	01/31/12 10:25

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	28.9	TCaCO3/kT	0.3			N/A		02/03/12 15:14
Modified Sobek	AGP-HCl	4.8	TCaCO3/kT	0.3			N/A		02/03/12 15:14
Modified Sobek	Non-extractable Sulfur	0.15	%	0.01	0.004		W205053	MAD	02/03/12 15:14
Modified Sobek	Non-Sulfate Sulfur-HCl	0.30	%	0.01	0.004		W205053	MAD	02/02/12 14:23
Modified Sobek	Pyritic Sulfur-HCl	0.15	%	0.01			N/A		02/03/12 15:14
Modified Sobek	Sulfate Sulfur-HCl	0.20	%	0.01			N/A		02/02/12 14:23
Modified Sobek	Total Sulfur	0.51	%	0.01	0.004		W205053	MAD	01/31/12 10:25

Classical Chemistry Parameters

NAG	NAG pH @22.2°C	8.22	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.4°C	8.43	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-11 578-608**SVL Sample ID: **W2A0358-13 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	21.0	TCaCO3/kT	0.3			N/A		02/03/12 15:18
Modified Sobek	AGP	1.2	TCaCO3/kT	0.3			N/A		02/03/12 15:18
Modified Sobek	ANP	22.3	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01	0.004		W205053	MAD	02/03/12 15:18
Modified Sobek	Non-Sulfate Sulfur	0.11	%	0.01	0.004		W205053	MAD	02/02/12 16:44
Modified Sobek	Pyritic Sulfur	0.04	%	0.01			N/A		02/03/12 15:18
Modified Sobek	Sulfate Sulfur	0.06	%	0.01			N/A		02/02/12 16:44
Modified Sobek	Total Sulfur	0.17	%	0.01	0.004		W205053	MAD	01/31/12 10:28

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	21.4	TCaCO3/kT	0.3			N/A		02/03/12 15:18
Modified Sobek	AGP-HCl	0.8	TCaCO3/kT	0.3			N/A		02/03/12 15:18
Modified Sobek	Non-extractable Sulfur	0.07	%	0.01	0.004		W205053	MAD	02/03/12 15:18
Modified Sobek	Non-Sulfate Sulfur-HCl	0.10	%	0.01	0.004		W205053	MAD	02/02/12 14:26
Modified Sobek	Pyritic Sulfur-HCl	0.03	%	0.01			N/A		02/03/12 15:18
Modified Sobek	Sulfate Sulfur-HCl	0.07	%	0.01			N/A		02/02/12 14:26
Modified Sobek	Total Sulfur	0.17	%	0.01	0.004		W205053	MAD	01/31/12 10:28

Classical Chemistry Parameters

NAG	NAG pH @21.9°C	8.41	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.6°C	8.52	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-11 664.2-700.1**SVL Sample ID: **W2A0358-14 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	14.7	TCaCO3/kT	0.3			N/A		02/03/12 15:21
Modified Sobek	AGP	3.6	TCaCO3/kT	0.3			N/A		02/03/12 15:21
Modified Sobek	ANP	18.3	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 15:21
Modified Sobek	Non-Sulfate Sulfur	0.21	%	0.01	0.004		W205053	MAD	02/02/12 16:48
Modified Sobek	Pyritic Sulfur	0.11	%	0.01			N/A		02/03/12 15:21
Modified Sobek	Sulfate Sulfur	0.13	%	0.01			N/A		02/02/12 16:48
Modified Sobek	Total Sulfur	0.34	%	0.01	0.004		W205053	MAD	01/31/12 10:31

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	15.0	TCaCO3/kT	0.3			N/A		02/03/12 15:21
Modified Sobek	AGP-HCl	3.3	TCaCO3/kT	0.3			N/A		02/03/12 15:21
Modified Sobek	Non-extractable Sulfur	0.09	%	0.01	0.004		W205053	MAD	02/03/12 15:21
Modified Sobek	Non-Sulfate Sulfur-HCl	0.20	%	0.01	0.004		W205053	MAD	02/02/12 14:29
Modified Sobek	Pyritic Sulfur-HCl	0.10	%	0.01			N/A		02/03/12 15:21
Modified Sobek	Sulfate Sulfur-HCl	0.14	%	0.01			N/A		02/02/12 14:29
Modified Sobek	Total Sulfur	0.34	%	0.01	0.004		W205053	MAD	01/31/12 10:31

Classical Chemistry Parameters

NAG	NAG pH @22.6°C	7.83	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.3°C	8.49	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-11 828-860**SVL Sample ID: **W2A0358-15 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	20.3	TCaCO3/kT	0.3			N/A		02/03/12 15:23
Modified Sobek	AGP	2.0	TCaCO3/kT	0.3			N/A		02/03/12 15:23
Modified Sobek	ANP	22.3	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W205053	MAD	02/03/12 15:23
Modified Sobek	Non-Sulfate Sulfur	0.16	%	0.01	0.004		W205053	MAD	02/02/12 16:51
Modified Sobek	Pyritic Sulfur	0.06	%	0.01			N/A		02/03/12 15:23
Modified Sobek	Sulfate Sulfur	0.09	%	0.01			N/A		02/02/12 16:51
Modified Sobek	Total Sulfur	0.25	%	0.01	0.004		W205053	MAD	01/31/12 10:34

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	20.1	TCaCO3/kT	0.3			N/A		02/03/12 15:23
Modified Sobek	AGP-HCl	2.2	TCaCO3/kT	0.3			N/A		02/03/12 15:23
Modified Sobek	Non-extractable Sulfur	0.10	%	0.01	0.004		W205053	MAD	02/03/12 15:23
Modified Sobek	Non-Sulfate Sulfur-HCl	0.17	%	0.01	0.004		W205053	MAD	02/02/12 14:31
Modified Sobek	Pyritic Sulfur-HCl	0.07	%	0.01			N/A		02/03/12 15:23
Modified Sobek	Sulfate Sulfur-HCl	0.08	%	0.01			N/A		02/02/12 14:31
Modified Sobek	Total Sulfur	0.25	%	0.01	0.004		W205053	MAD	01/31/12 10:34

Classical Chemistry Parameters

NAG	NAG pH @21.8°C	8.17	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.60	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-12 504-541**SVL Sample ID: **W2A0358-16 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	6.0	TCaCO3/kT	0.3			N/A		02/03/12 15:26
Modified Sobek	AGP	3.8	TCaCO3/kT	0.3			N/A		02/03/12 15:26
Modified Sobek	ANP	9.9	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:26
Modified Sobek	Non-Sulfate Sulfur	0.25	%	0.01	0.004		W205053	MAD	02/02/12 16:54
Modified Sobek	Pyritic Sulfur	0.12	%	0.01			N/A		02/03/12 15:26
Modified Sobek	Sulfate Sulfur	0.27	%	0.01			N/A		02/02/12 16:54
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W205053	MAD	01/31/12 10:37

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	5.4	TCaCO3/kT	0.3			N/A		02/03/12 15:26
Modified Sobek	AGP-HCl	4.5	TCaCO3/kT	0.3			N/A		02/03/12 15:26
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:26
Modified Sobek	Non-Sulfate Sulfur-HCl	0.27	%	0.01	0.004		W205053	MAD	02/02/12 14:34
Modified Sobek	Pyritic Sulfur-HCl	0.14	%	0.01			N/A		02/03/12 15:26
Modified Sobek	Sulfate Sulfur-HCl	0.25	%	0.01			N/A		02/02/12 14:34
Modified Sobek	Total Sulfur	0.52	%	0.01	0.004		W205053	MAD	01/31/12 10:37

Classical Chemistry Parameters

NAG	NAG pH @21.6°C	3.53	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	1.38	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	4.34	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @18.8°C	8.49	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-12 718-753**SVL Sample ID: **W2A0358-17 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	22.1	TCaCO3/kT	0.3			N/A		02/03/12 15:36
Modified Sobek	AGP	10.6	TCaCO3/kT	0.3			N/A		02/03/12 15:36
Modified Sobek	ANP	32.6	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.20	%	0.01	0.004		W205053	MAD	02/03/12 15:36
Modified Sobek	Non-Sulfate Sulfur	0.54	%	0.01	0.004		W205053	MAD	02/02/12 17:05
Modified Sobek	Pyritic Sulfur	0.34	%	0.01			N/A		02/03/12 15:36
Modified Sobek	Sulfate Sulfur	0.23	%	0.01			N/A		02/02/12 17:05
Modified Sobek	Total Sulfur	0.77	%	0.01	0.004		W205053	MAD	01/31/12 10:40

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	24.0	TCaCO3/kT	0.3			N/A		02/03/12 15:36
Modified Sobek	AGP-HCl	8.6	TCaCO3/kT	0.3			N/A		02/03/12 15:36
Modified Sobek	Non-extractable Sulfur	0.20	%	0.01	0.004		W205053	MAD	02/03/12 15:36
Modified Sobek	Non-Sulfate Sulfur-HCl	0.48	%	0.01	0.004		W205053	MAD	02/02/12 14:37
Modified Sobek	Pyritic Sulfur-HCl	0.28	%	0.01			N/A		02/03/12 15:36
Modified Sobek	Sulfate Sulfur-HCl	0.29	%	0.01			N/A		02/02/12 14:37
Modified Sobek	Total Sulfur	0.77	%	0.01	0.004		W205053	MAD	01/31/12 10:40

Classical Chemistry Parameters

NAG	NAG pH @21.5°C	8.33	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.22	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

(208) 784-1258

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-12 873.5-905**SVL Sample ID: **W2A0358-18 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	11.0	TCaCO3/kT	0.3			N/A		02/03/12 15:39
Modified Sobek	AGP	8.8	TCaCO3/kT	0.3			N/A		02/03/12 15:39
Modified Sobek	ANP	19.8	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:39
Modified Sobek	Non-Sulfate Sulfur	0.41	%	0.01	0.004		W205053	MAD	02/02/12 17:08
Modified Sobek	Pyritic Sulfur	0.28	%	0.01			N/A		02/03/12 15:39
Modified Sobek	Sulfate Sulfur	0.16	%	0.01			N/A		02/02/12 17:08
Modified Sobek	Total Sulfur	0.57	%	0.01	0.004		W205053	MAD	01/31/12 10:49

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	12.7	TCaCO3/kT	0.3			N/A		02/03/12 15:39
Modified Sobek	AGP-HCl	7.1	TCaCO3/kT	0.3			N/A		02/03/12 15:39
Modified Sobek	Non-extractable Sulfur	0.13	%	0.01	0.004		W205053	MAD	02/03/12 15:39
Modified Sobek	Non-Sulfate Sulfur-HCl	0.35	%	0.01	0.004		W205053	MAD	02/02/12 14:40
Modified Sobek	Pyritic Sulfur-HCl	0.23	%	0.01			N/A		02/03/12 15:39
Modified Sobek	Sulfate Sulfur-HCl	0.22	%	0.01			N/A		02/02/12 14:40
Modified Sobek	Total Sulfur	0.57	%	0.01	0.004		W205053	MAD	01/31/12 10:49

Classical Chemistry Parameters

NAG	NAG pH @22.8°C	7.62	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.68	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
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1016 Greg Street
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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-14 0-14**
SVL Sample ID: **W2A0358-19 (Soil)**

Sample Report Page 1 of 1

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	1.3	TCaCO3/kT	0.3			N/A		02/03/12 15:42
Modified Sobek	AGP	27.9	TCaCO3/kT	0.3			N/A		02/03/12 15:42
Modified Sobek	ANP	29.2	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.53	%	0.01	0.004		W205053	MAD	02/03/12 15:42
Modified Sobek	Non-Sulfate Sulfur	1.42	%	0.01	0.004		W205053	MAD	02/02/12 17:13
Modified Sobek	Pyritic Sulfur	0.89	%	0.01			N/A		02/03/12 15:42
Modified Sobek	Sulfate Sulfur	0.34	%	0.01			N/A		02/02/12 17:13
Modified Sobek	Total Sulfur	1.76	%	0.01	0.004		W205053	MAD	01/31/12 10:53

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	8.2	TCaCO3/kT	0.3			N/A		02/03/12 15:42
Modified Sobek	AGP-HCl	21.0	TCaCO3/kT	0.3			N/A		02/03/12 15:42
Modified Sobek	Non-extractable Sulfur	0.53	%	0.01	0.004		W205053	MAD	02/03/12 15:42
Modified Sobek	Non-Sulfate Sulfur-HCl	1.20	%	0.01	0.004		W205053	MAD	02/02/12 14:43
Modified Sobek	Pyritic Sulfur-HCl	0.67	%	0.01			N/A		02/03/12 15:42
Modified Sobek	Sulfate Sulfur-HCl	0.56	%	0.01			N/A		02/02/12 14:43
Modified Sobek	Total Sulfur	1.76	%	0.01	0.004		W205053	MAD	01/31/12 10:53

Classical Chemistry Parameters

NAG	NAG pH @22.4°C	7.70	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.2°C	8.16	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-14 28.3-51**SVL Sample ID: **W2A0358-20 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	17.7	TCaCO3/kT	0.3			N/A		02/03/12 15:45
Modified Sobek	AGP	22.9	TCaCO3/kT	0.3			N/A		02/03/12 15:45
Modified Sobek	ANP	40.6	TCaCO3/kT	0.3	0.1		W205053	AGF	02/03/12 13:47
Modified Sobek	Non-extractable Sulfur	0.35	%	0.01	0.004		W205053	MAD	02/03/12 15:45
Modified Sobek	Non-Sulfate Sulfur	1.08	%	0.01	0.004		W205053	MAD	02/02/12 17:17
Modified Sobek	Pyritic Sulfur	0.73	%	0.01			N/A		02/03/12 15:45
Modified Sobek	Sulfate Sulfur	0.34	%	0.01			N/A		02/02/12 17:17
Modified Sobek	Total Sulfur	1.42	%	0.01	0.004		W205053	MAD	01/31/12 10:55

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	26.9	TCaCO3/kT	0.3			N/A		02/03/12 15:45
Modified Sobek	AGP-HCl	13.6	TCaCO3/kT	0.3			N/A		02/03/12 15:45
Modified Sobek	Non-extractable Sulfur	0.35	%	0.01	0.004		W205053	MAD	02/03/12 15:45
Modified Sobek	Non-Sulfate Sulfur-HCl	0.78	%	0.01	0.004		W205053	MAD	02/02/12 14:46
Modified Sobek	Pyritic Sulfur-HCl	0.44	%	0.01			N/A		02/03/12 15:45
Modified Sobek	Sulfate Sulfur-HCl	0.64	%	0.01			N/A		02/02/12 14:46
Modified Sobek	Total Sulfur	1.42	%	0.01	0.004		W205053	MAD	01/31/12 10:55

Classical Chemistry Parameters

NAG	NAG pH @22.1°C	8.00	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.4°C	8.31	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-14 431-471.1**SVL Sample ID: **W2A0358-21 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	18.4	TCaCO3/kT	0.3			N/A		02/03/12 14:15
Modified Sobek	AGP	18.1	TCaCO3/kT	0.3			N/A		02/03/12 14:15
Modified Sobek	ANP	36.4	TCaCO3/kT	0.3	0.1		W205050	AGF	02/02/12 09:16
Modified Sobek	Non-extractable Sulfur	0.29	%	0.01	0.004		W205050	MAD	02/03/12 14:15
Modified Sobek	Non-Sulfate Sulfur	0.87	%	0.01	0.004		W205050	MAD	02/03/12 12:51
Modified Sobek	Pyritic Sulfur	0.58	%	0.01			N/A		02/03/12 14:15
Modified Sobek	Sulfate Sulfur	0.17	%	0.01			N/A		02/03/12 12:51
Modified Sobek	Total Sulfur	1.04	%	0.01	0.004		W205050	MAD	02/01/12 09:21

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	24.2	TCaCO3/kT	0.3			N/A		02/03/12 14:15
Modified Sobek	AGP-HCl	12.2	TCaCO3/kT	0.3			N/A		02/03/12 14:15
Modified Sobek	Non-extractable Sulfur	0.29	%	0.01	0.004		W205050	MAD	02/03/12 14:15
Modified Sobek	Non-Sulfate Sulfur-HCl	0.68	%	0.01	0.004		W205050	MAD	02/03/12 11:10
Modified Sobek	Pyritic Sulfur-HCl	0.39	%	0.01			N/A		02/03/12 14:15
Modified Sobek	Sulfate Sulfur-HCl	0.36	%	0.01			N/A		02/03/12 11:10
Modified Sobek	Total Sulfur	1.04	%	0.01	0.004		W205050	MAD	02/01/12 09:21

Classical Chemistry Parameters

NAG	NAG pH @21.6°C	8.28	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @19.0°C	8.28	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Client Sample ID: **CF-11-14 806-829.5**SVL Sample ID: **W2A0358-22 (Soil)****Sample Report Page 1 of 1**

Sampled: —
Received: 24-Jan-12
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	29.8	TCaCO3/kT	0.3			N/A		02/03/12 14:24
Modified Sobek	AGP	20.8	TCaCO3/kT	0.3			N/A		02/03/12 14:24
Modified Sobek	ANP	50.7	TCaCO3/kT	0.3	0.1		W205050	AGF	02/02/12 09:16
Modified Sobek	Non-extractable Sulfur	0.37	%	0.01	0.004		W205050	MAD	02/03/12 14:24
Modified Sobek	Non-Sulfate Sulfur	1.04	%	0.01	0.004		W205050	MAD	02/03/12 12:55
Modified Sobek	Pyritic Sulfur	0.67	%	0.01			N/A		02/03/12 14:24
Modified Sobek	Sulfate Sulfur	0.32	%	0.01			N/A		02/03/12 12:55
Modified Sobek	Total Sulfur	1.36	%	0.01	0.004		W205050	MAD	02/01/12 09:31

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	31.8	TCaCO3/kT	0.3			N/A		02/03/12 14:24
Modified Sobek	AGP-HCl	18.8	TCaCO3/kT	0.3			N/A		02/03/12 14:24
Modified Sobek	Non-extractable Sulfur	0.37	%	0.01	0.004		W205050	MAD	02/03/12 14:24
Modified Sobek	Non-Sulfate Sulfur-HCl	0.98	%	0.01	0.004		W205050	MAD	02/03/12 11:20
Modified Sobek	Pyritic Sulfur-HCl	0.60	%	0.01			N/A		02/03/12 14:24
Modified Sobek	Sulfate Sulfur-HCl	0.38	%	0.01			N/A		02/03/12 11:20
Modified Sobek	Total Sulfur	1.36	%	0.01	0.004		W205050	MAD	02/01/12 09:31

Classical Chemistry Parameters

NAG	NAG pH @22.6°C	7.82	pH Units				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 4.5	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
NAG	NAG@pH 7	N/A	kg H ₂ SO ₄ /T				W204324	AGF	02/01/12 14:06
USDA HB60(21a)	Paste pH @18.9°C	8.28	pH Units				W205132	AGF	02/02/12 15:36

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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McClelland Laboratories Inc
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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.1	0.3	W205050	02-Feb-12
Modified Sobek	ANP	TCaCO3/kT	<0.3	0.1	0.3	W205053	03-Feb-12
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W205050	03-Feb-12
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W205053	02-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W205050	01-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W205053	31-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W205050	03-Feb-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W205053	03-Feb-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W205050	03-Feb-12
Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W205053	02-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W205050	01-Feb-12
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W205053	31-Jan-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W205050	03-Feb-12
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W205053	03-Feb-12

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	37.9	33.2	114	80 - 120	W205050	02-Feb-12
Modified Sobek	ANP	TCaCO3/kT	38.1	33.2	115	80 - 120	W205053	03-Feb-12
Modified Sobek	Total Sulfur	%	0.95	0.942	101	80 - 120	W205050	01-Feb-12
Modified Sobek	Total Sulfur	%	0.92	0.942	98.1	80 - 120	W205053	31-Jan-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	0.95	0.942	101	80 - 120	W205050	01-Feb-12
Modified Sobek	Total Sulfur	%	0.92	0.942	98.1	80 - 120	W205053	31-Jan-12

Classical Chemistry Parameters

USDA HB60(21a)	Paste pH	pH Units	8.16	8.18	99.8	93.7 - 106.3	W205132	02-Feb-12
USDA HB60(21a)	Paste pH	pH Units	8.18	8.18	100	93.7 - 106.3	W205132	02-Feb-12

Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	16.8	17.3	2.9	20	W205053	03-Feb-12
Modified Sobek	ANP	TCaCO3/kT	35.9	36.4	1.4	20	W205050	02-Feb-12
Modified Sobek	Non-Sulfate Sulfur	%	0.36	0.38	3.8	20	W205053	02-Feb-12
Modified Sobek	Non-Sulfate Sulfur	%	0.81	0.87	6.8	20	W205050	03-Feb-12
Modified Sobek	Total Sulfur	%	0.60	0.58	2.9	20	W205053	31-Jan-12
Modified Sobek	Total Sulfur	%	1.09	1.04	4.7	20	W205050	01-Feb-12

SVL holds the following certifications:

AZ:0538, CA:2080, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology), NV:ID000192007A, WA:1268

Work order Report Page 24 of 25



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Project Name: MLI: 3438
Work Order: W2A0358
Reported: 06-Feb-12 09:13

Quality Control - DUPLICATE Data		(Continued)							
Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes

Acid/Base Accounting & Sulfur Forms (Continued)

Modified Sobek	Non-extractable Sulfur	%	0.10	0.09	2.8	20	W205053	03-Feb-12
Modified Sobek	Non-extractable Sulfur	%	0.27	0.29	7.9	20	W205050	03-Feb-12

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.35	0.32	7.8	20	W205053	02-Feb-12
Modified Sobek	Non-Sulfate Sulfur-HCl	%	0.58	0.68	16.2	20	W205050	03-Feb-12
Modified Sobek	Total Sulfur	%	0.60	0.58	2.9	20	W205053	31-Jan-12
Modified Sobek	Total Sulfur	%	1.09	1.04	4.7	20	W205050	01-Feb-12
Modified Sobek	Non-extractable Sulfur	%	0.10	0.09	2.8	20	W205053	03-Feb-12
Modified Sobek	Non-extractable Sulfur	%	0.27	0.29	7.9	20	W205050	03-Feb-12

Classical Chemistry Parameters

NAG	NAG pH	pH Units	7.72	7.83	1.4	20	W204324	01-Feb-12
NAG	NAG pH	pH Units	8.03	7.85	2.3	20	W204324	01-Feb-12
NAG	NAG@pH 4.5	kg H ₂ SO ₄ /T	N/A	N/A		20	W204324	01-Feb-12
NAG	NAG@pH 4.5	kg H ₂ SO ₄ /T	N/A	N/A		20	W204324	01-Feb-12
NAG	NAG@pH 7	kg H ₂ SO ₄ /T	N/A	N/A		20	W204324	01-Feb-12
NAG	NAG@pH 7	kg H ₂ SO ₄ /T	N/A	N/A		20	W204324	01-Feb-12
USDA HB60(21a)	Paste pH	pH Units	8.25	8.34	1.1	20	W205132	02-Feb-12
USDA HB60(21a)	Paste pH	pH Units	8.49	8.49	0.0	20	W205132	02-Feb-12

Notes and Definitions

- LCS Laboratory Control Sample (Blank Spike)
- RPD Relative Percent Difference
- UDL A result is less than the detection limit
- R > 4S % recovery not applicable, sample concentration more than four times greater than spike level
- <RL A result is less than the reporting limit
- MRL Method Reporting Limit
- MDL Method Detection Limit
- N/A Not Applicable



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Project Name: MLI: 3438-01
Work Order: W1I0199
Reported: 22-Sep-11 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
COPPER FLAT	W1I0199-01	Soil	06-Sep-11 09:00	08-Sep-2011

Solid samples are analyzed on an as-received, wet-weight basis, unless otherwise requested. Non-Detects are reported at the MDL.
Sample preparation is defined by the client as per their Data Quality Objectives.

This report supercedes any previous reports for this Work Order. The complete report includes pages for each sample, a full QC report, and a notes section.

The results presented in this report relate only to the samples, and meet all requirements of the NELAC Standards unless otherwise noted.

Case Narrative

Nevada does not accredit for NAG, NCV, ABA and Sulfur Forms. HCl wash added per NDEP directive.



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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McClelland Laboratories Inc
1016 Greg Street
Sparks, NV 89431

Project Name: MLI: 3438-01
Work Order: W1I0199
Reported: 22-Sep-11 16:48

Client Sample ID: **COPPER FLAT**
SVL Sample ID: **W1I0199-01 (Soil)**

Sample Report Page 1 of 1

Sampled: 06-Sep-11 09:00
Received: 08-Sep-11
Sampled By:

Method	Analyte	Result	Units	RL	MDL	Dilution	Batch	Analyst	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ABA	13.6	TCaCO3/kT	0.3			N/A		09/15/11 13:03
Modified Sobek	AGP	19.0	TCaCO3/kT	0.3			N/A		09/14/11 14:29
Modified Sobek	ANP	32.5	TCaCO3/kT	0.3	0.1		W137293	HJG	09/15/11 13:03
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01	0.004		W137293	HJG	09/14/11 14:29
Modified Sobek	Non-Sulfate Sulfur	0.61	%	0.01	0.004		W137293	HJG	09/14/11 12:13
Modified Sobek	Pyritic Sulfur	0.61	%	0.01			N/A		09/14/11 14:29
Modified Sobek	Sulfate Sulfur	0.21	%	0.01			N/A		09/14/11 12:13
Modified Sobek	Total Sulfur	0.82	%	0.01	0.004		W137293	HJG	09/13/11 11:52

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	ABA-HCl	14.5	TCaCO3/kT	0.3			N/A		09/15/11 13:03
Modified Sobek	AGP-HCl	18.0	TCaCO3/kT	0.3			N/A		09/14/11 16:17
Modified Sobek	Non-extractable Sulfur	< 0.01	%	0.01	0.004		W137293	HJG	09/14/11 14:29
Modified Sobek	Non-Sulfate Sulfur-HCl	0.58	%	0.01	0.004		W137293	HJG	09/14/11 16:17
Modified Sobek	Pyritic Sulfur-HCl	0.58	%	0.01			N/A		09/14/11 16:17
Modified Sobek	Sulfate Sulfur-HCl	0.24	%	0.01			N/A		09/14/11 16:17
Modified Sobek	Total Sulfur	0.82	%	0.01	0.004		W137293	HJG	09/13/11 11:52

Classical Chemistry Parameters

Handbook 60	Paste pH @20.0°C	8.12	pH Units				W138206	MAD	09/20/11 14:01
NAG	NAG pH @21.5°C	9.23	pH Units				W139091	AGF	09/21/11 16:26
NAG	NAG@pH 4.5	0.00	kg H ₂ SO ₄ /T				W139091	AGF	09/21/11 16:26
NAG	NAG@pH 7	0.00	kg H ₂ SO ₄ /T				W139091	AGF	09/21/11 16:26

This data has been reviewed for accuracy and has been authorized for release by the Laboratory Director or designee.

John Kern
Laboratory Director



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Sparks, NV 89431

Project Name: MLI: 3438-01
Work Order: W1I0199
Reported: 22-Sep-11 16:48

Quality Control - BLANK Data

Method	Analyte	Units	Result	MDL	MRL	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	<0.3	0.1	0.3	W137293	15-Sep-11
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W137293	14-Sep-11
Modified Sobek	Non-Sulfate Sulfur	%	<0.01	0.004	0.01	W137293	16-Sep-11
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W137293	13-Sep-11
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W137293	14-Sep-11
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W137293	16-Sep-11

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W137293	14-Sep-11
Modified Sobek	Non-Sulfate Sulfur-HCl	%	<0.01	0.004	0.01	W137293	16-Sep-11
Modified Sobek	Total Sulfur	%	<0.01	0.004	0.01	W137293	13-Sep-11
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W137293	14-Sep-11
Modified Sobek	Non-extractable Sulfur	%	<0.01	0.004	0.01	W137293	16-Sep-11

Quality Control - LABORATORY CONTROL SAMPLE Data

Method	Analyte	Units	LCS Result	LCS True	% Rec.	Acceptance Limits	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	35.4	33.2	107	80 - 120	W137293	15-Sep-11
Modified Sobek	Total Sulfur	%	0.98	0.942	104	80 - 120	W137293	13-Sep-11

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Total Sulfur	%	0.98	0.942	104	80 - 120	W137293	13-Sep-11
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Classical Chemistry Parameters

Handbook 60	Paste pH	pH Units	8.19	8.18	100	93.7 - 106.3	W138206	20-Sep-11
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Quality Control - DUPLICATE Data

Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes
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Acid/Base Accounting & Sulfur Forms

Modified Sobek	ANP	TCaCO3/kT	88.7	85.4	3.8	20	W137293	15-Sep-11
Modified Sobek	Non-Sulfate Sulfur	%	2.64	2.92	10.1	20	W137293	14-Sep-11
Modified Sobek	Non-Sulfate Sulfur	%	7.10	7.10	0.0	20	W137293	16-Sep-11
Modified Sobek	Total Sulfur	%	3.01	2.97	1.3	20	W137293	13-Sep-11
Modified Sobek	Non-extractable Sulfur	%	0.04	0.04	2.2	20	W137293	14-Sep-11
Modified Sobek	Non-extractable Sulfur	%	4.94	4.48	9.8	20	W137293	16-Sep-11

Acid/Base Accounting & Sulfur Forms (HCl Wash)

Modified Sobek	Non-Sulfate Sulfur-HCl	%	2.55	2.34	8.6	20	W137293	14-Sep-11
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SVL holds the following certifications:

AZ:0538, CA:2080, FL(NELAC):E87993, ID:ID00019 & ID00965 (Microbiology), NV:ID000192007A, WA:1268

Work order Report Page 3 of 4



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Project Name: MLI: 3438-01
Work Order: W1I0199
Reported: 22-Sep-11 16:48

Quality Control - DUPLICATE Data		(Continued)							
Method	Analyte	Units	Duplicate Result	Sample Result	RPD	RPD Limit	Batch ID	Analyzed	Notes

Acid/Base Accounting & Sulfur Forms (HCl Wash) (Continued)

Modified Sobek	Non-Sulfate	%	<0.05	5.15	UDL	20	W137293	16-Sep-11	D2,R2
	Sulfur-HCl								
Modified Sobek	Total Sulfur	%	3.01	2.97	1.3	20	W137293	13-Sep-11	
Modified Sobek	Non-extractable	%	0.04	0.04	2.2	20	W137293	14-Sep-11	
	Sulfur								
Modified Sobek	Non-extractable	%	4.94	4.48	9.8	20	W137293	16-Sep-11	D2
	Sulfur								

Classical Chemistry Parameters

Handbook 60	Paste pH	pH Units	8.02	8.04	0.2	20	W138206	20-Sep-11
NAG	NAG pH	pH Units	2.32	2.26	2.6	20	W139091	21-Sep-11
NAG	NAG@pH 4.5	kg H ₂ SO ₄ /T	52.3	59.4	12.7	20	W139091	21-Sep-11
NAG	NAG@pH 7	kg H ₂ SO ₄ /T	9.39	10.2	7.8	20	W139091	21-Sep-11

Notes and Definitions

- D2 Sample required dilution due to high concentration of target analyte.
R2 RPD exceeded the laboratory acceptance limit.
LCS Laboratory Control Sample (Blank Spike)
RPD Relative Percent Difference
UDL A result is less than the detection limit
R > 4S % recovery not applicable, sample concentration more than four times greater than spike level
<RL A result is less than the reporting limit
MRL Method Reporting Limit
MDL Method Detection Limit
N/A Not Applicable

Meteoric Water Mobility Procedure Results

McClelland Laboratories Reports

New Mexico Copper Corp.

MLI Job No. 3438

**Table . - MWMP Extraction Test Data,
Copper Flat Project, 100%-2" Feeds**

Sample I.D.	Temp °C		Flow Rate, mL/min	Volume, L		pH			Moisture, wt. %		Distribution, wt. pct. ¹⁾	
	Start	End		Inf.	Eff.	Inf.	Eff.	Extract	Feed	Residue	+2"	-2"
SRK 0854	23.0	21.6	3.49	5.03	4.73	5.30	4.33	4.54	<0.20	1.58	70.9	29.1
SRK 0855	23.0	21.6	3.47	5.00	4.77	5.30	4.74	4.93	<0.20	1.90	14.2	85.8
SRK 0857	23.0	21.6	3.48	5.01	4.74	5.30	6.90	7.35	<0.20	1.19	65.2	34.8
SRK 0858	23.0	21.6	1.78	2.56	2.39	5.30	3.87	3.99	<0.20	1.50	27.4	72.6
SRK 0860	23.0	21.6	1.80	2.59	2.39	5.30	3.40	3.57	<0.20	2.47	40.6	59.4
SRK 0862	23.0	21.6	3.56	5.12	4.83	5.30	6.99	7.24	<0.20	1.76	66.9	33.1
SRK 0864	22.0	22.0	3.49	5.02	4.83	5.65	6.78	7.18	<0.20	1.08	82.7	17.3
SRK 0866	22.0	22.2	3.56	5.13	4.99	5.65	6.93	6.92	<0.20	1.07	62.4	37.6
SRK 0867	22.0	22.2	3.48	5.01	4.77	5.65	4.60	4.84	<0.20	1.45	33.5	66.5
SRK 0868	22.0	22.4	3.48	5.01	4.74	5.65	5.39	5.48	<0.20	1.70	46.7	53.3
SRK 0870	22.0	22.2	3.48	5.01	4.67	5.65	4.84	4.96	<0.20	3.61	85.2	14.8
SRK 0871	22.0	22.4	3.61	5.20	4.96	5.65	6.56	6.91	<0.20	2.33	31.3	68.7
SRK 0872	22.6	22.4	3.51	5.05	4.51	5.38	2.64	3.05	<0.20	4.75	35.5	64.5
SRK 0873	22.6	22.4	3.49	5.02	4.75	5.38	6.17	7.35	<0.20	0.95	55.4	44.6
SRK 0876	22.6	22.4	3.65	5.25	3.42	5.38	6.59	7.82	<0.20	23.50	7.2	92.8
SRK 0878	22.6	22.4	3.56	5.12	2.96	5.38	7.38	8.18	<0.20	24.21	10.8	89.2
604552	21.4	22.3	1.78	2.56	1.93	5.16	8.12	8.27	<0.20	15.83	0.0	100.0
604562	22.4	22.4	1.74	2.50	1.78	5.09	8.00	8.28	<0.20	15.50	0.0	100.0
604569	22.2	22.0	1.74	2.50	1.99	5.48	7.83	8.25	<0.20	13.27	0.0	100.0
604571	22.2	22.0	1.74	2.51	2.06	5.48	7.93	8.36	<0.20	10.88	0.0	100.0
604601	22.2	22.0	1.74	2.50	2.08	5.48	8.22	8.47	<0.20	11.35	0.0	100.0
604606	22.2	22.0	1.74	2.51	2.09	5.48	7.62	8.31	<0.20	9.89	0.0	100.0
604656	21.4	22.3	1.74	2.50	1.85	5.16	8.20	8.27	<0.20	15.57	0.0	100.0
604669	21.4	22.3	1.74	2.51	1.91	5.16	8.44	8.39	<0.20	14.05	0.0	100.0
604673	22.2	22.0	1.74	2.50	1.84	5.48	7.68	8.33	<0.20	13.43	0.0	100.0
604734	21.4	22.3	1.74	2.50	1.92	5.16	8.57	8.74	<0.20	13.63	0.0	100.0
604767	22.4	22.4	1.74	2.50	1.90	5.09	7.21	7.80	<0.20	13.36	0.0	100.0
604787	22.0	22.3	3.47	5.00	4.03	5.40	7.82	8.28	<0.20	14.67	0.0	100.0
604790	22.0	22.3	3.47	5.00	4.21	5.40	7.90	8.22	<0.20	11.69	0.0	100.0
604811	22.6	22.4	3.48	5.01	4.10	5.38	7.45	8.24	<0.20	10.79	0.0	100.0
604849	22.4	22.4	1.74	2.50	1.89	5.09	7.76	8.16	<0.20	15.56	0.0	100.0
604854	22.4	22.4	1.74	2.50	1.86	5.09	7.26	8.16	<0.20	13.18	0.0	100.0
604862	21.4	22.3	3.47	5.00	3.85	5.16	8.14	8.11	<0.20	14.50	0.0	100.0
604867	22.4	22.4	1.74	2.51	1.95	5.09	7.65	8.06	<0.20	13.35	0.0	100.0
605033	22.0	22.3	3.47	5.00	4.21	5.40	7.55	8.37	<0.20	11.21	0.0	100.0
605109	22.0	22.3	3.47	5.00	4.10	5.40	8.05	8.49	<0.20	12.46	0.0	100.0
605153	21.4	22.3	1.12	1.61	1.24	5.16	8.32	8.15	<0.20	13.47	0.0	100.0
605175	22.2	22.0	1.74	2.50	2.03	5.48	8.50	8.78	<0.20	10.41	0.0	100.0
605184	22.4	22.4	1.74	2.50	1.96	5.09	6.73	7.47	<0.20	9.77	0.0	100.0
605218	22.6	22.4	1.74	2.50	2.01	5.38	7.51	8.15	<0.20	11.04	0.0	100.0

1) Distribution before crushing +2" to just pass 2".

Table . - Profile II Analytical Results, MWMP Extracts,
Copper Flat Project

Analysis, mg/L	Extracts									
	SRK 0854	SRK 0855	SRK 0857	SRK 0858	SRK 0860	SRK 0862	SRK 0864	SRK 0866	SRK 0867	SRK 0868
Alkalinity, CaCO ₃ (Acidity)	<1.0	<1.0	13	(19)	(31)	10	5.2	3.0	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	N/A	N/A	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	<1.0	<1.0	15	N/A	N/A	13	6.4	3.6	<1.0	<1.0
Hydroxide (OH)	<1.0	<1.0	<1.0	N/A	N/A	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	5.3	0.34	<0.045	0.63	1.5	0.075	<0.045	<0.045	1.6	0.28
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0012	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	0.0022
Calcium	26	8.1	70	3.0	2.0	12	2.5	1.3	23	40
Chloride	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.11	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.033	<0.010
Copper	290	0.53	<0.050	1.0	0.16	<0.050	<0.050	<0.050	17	1.5
Fluoride	1.1	0.12	0.55	0.40	<0.10	0.67	<0.10	<0.10	1.6	0.88
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	0.34	0.046	<0.010	0.33	2.7	<0.010	0.012	0.020	1.3	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	6.7	<0.50	5.1	<0.50	<0.50	2.8	<0.50	<0.50	3.8	3.2
Manganese	1.3	0.14	0.040	0.046	0.029	0.12	0.0069	0.0086	1.2	0.20
Mercury	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	0.037	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.069	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.050	<0.025	0.042	<0.025	<0.025	0.026	<0.025	<0.025	<0.025	<0.025
pH, stu	4.54	4.93	7.35	3.99	3.57	7.24	7.18	6.92	4.84	5.48
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.8	0.70	3.0	0.61	<0.50	1.2	<0.50	<0.50	1.0	1.9
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	1.4	<0.50	1.0	<0.50	<0.50	3.2	0.82	<0.50	<0.50	1.3
Strontium	0.10	<0.10	0.29	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.15
Sulfate	440	24	180	29	51	37	2.9	1.8	130	130
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	660	41	300	23	38	67	<10	18	180	190
Uranium	0.028	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	1.4	0.056	<0.010	0.015	0.016	0.012	<0.010	<0.010	0.12	0.12
Cations, meq/L	11.8	0.49	4.03	0.48	0.82	1.01	0.16	<0.10	2.32	2.45
Anions, meq/L	9.25	0.51	4.02	0.62	1.06	1.02	0.17	<0.10	2.79	2.75
Balance, %	12	2.0	<1.0	13	13	<1.0	1.2	N/A	9.3	5.7
Wetlab Report #	1008263	1008263	1008263	1008263	1008263	1008263	1008272	1008272	1008272	1008272

**Table . - Profile II Analytical Results, MWMP Extracts,
Copper Flat Project**

Analysis, mg/L	Extracts									
	SRK 0870	SRK 0871	SRK 0872	SRK 0873	SRK 0876	SRK 0878	604552	604562	604569	604571
Alkalinity, CaCO ₃ (Acidity)	<1.0	3.4	(200)	20	110	130	100	140	60	91
CO ₃ , CaCO ₃	<1.0	<1.0	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8
HCO ₃	<1.0	4.2	N/A	25	130	160	120	170	73	110
Hydroxide (OH)	<1.0	<1.0	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	1.2	<0.045	17	0.10	<0.045	<0.045	<0.045	<0.045	<0.22	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0083	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0095	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	0.021	<0.010	0.056	0.077	<0.010	<0.010	<0.010	0.042
Beryllium	0.0045	<0.0010	0.0052	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.17	0.36	0.14	0.19
Cadmium	0.015	<0.0010	0.0037	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	24	0.58	120	17	560	43	62	120	28	64
Chloride	<1.0	<1.0	<1.0	<1.0	28	<1.0	16	29	7.8	15
Chromium	<0.0050	<0.0050	0.0071	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.048	<0.010	0.046	<0.010	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	8.6	<0.050	5.6	<0.050	0.58	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.1	<0.10	0.53	<0.10	4.2	0.71	8.0	69	3.9	7.3
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	0.041	<0.010	9.6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	6.6	<0.50	4.7	0.87	180	9.4	10	24	9.4	14
Manganese	1.3	<0.0050	0.92	0.013	0.18	<0.0050	0.023	0.071	0.052	0.062
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0020	0.0060	0.00035	0.00052
Molybdenum	<0.010	<0.010	<0.010	0.069	3.5	<0.010	0.035	0.039	0.035	0.058
Nickel	0.039	<0.010	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	42	1.6	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	0.071	<0.025	<0.025	0.59	0.28	0.17	0.19	0.028	<0.025
pH, stu	4.96	6.91	3.05	7.53	7.82	8.18	8.27	8.28	8.25	8.36
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	0.77	1.3	<0.50	2.4	280	5.0	12	23	14	40
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	0.011	<0.0050	<0.0050	0.015	<0.0050	<0.010
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	1.8	<0.50	0.80	0.75	59	4.0	54	79	31	64
Strontium	<0.10	<0.10	<0.10	<0.10	4.0	0.70	0.49	1.2	0.21	0.58
Sulfate	130	<1.0	570	27	2,400	3.5	200	390	93	290
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	190	<10	810	65	3,900	240	450	800	240	550
Uranium	<0.010	<0.010	0.058	<0.010	0.19	<0.010	0.052	0.037	0.019	0.040
Vanadium	<0.010	<0.010	<0.010	<0.010	0.083	0.043	0.016	0.021	0.013	0.016
Zinc	0.26	<0.010	0.31	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.30	<0.10	11.1	1.03	52.5	3.22	6.57	12.0	3.89	8.16
Anions, meq/L	2.76	<0.10	11.9	0.97	56.1	2.85	7.00	15.7	3.56	8.71
Balance, %	9.2	N/A	3.6	2.7	3.3	6.2	3.2	13	4.4	3.3
Wetlab Report #	1008272	1008272	1008288	1008288	1008288	1008288	1008487	1008397	1008456	1008456

Table . - Profile II Analytical Results, MWMP Extracts,
Copper Flat Project

Analysis, mg/L	Extracts									
	604601	604606	604656	604669	604673	604734	604767	604787	604790	604811
Alkalinity, CaCO ₃ (Acidity)	98	98	100	97	82	120	90	110	91	99
CO ₃ , CaCO ₃	3.0	<1.0	<1.0	2.4	1.2	6.9	<1.0	<1.0	<1.0	<1.0
HCO ₃	110	120	130	110	97	130	110	130	110	120
Hydroxide (OH)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	<0.045	0.050	<0.045	<0.045	<0.045	0.055	<0.045	<0.045	<0.045	<0.045
Antimony	0.0033	<0.0025	<0.0025	0.0029	0.0028	<0.0025	0.0040	0.0063	0.0034	0.0026
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	0.0054	<0.0050	<0.0050	0.0083	<0.0050	0.010
Barium	0.020	0.014	<0.010	0.013	<0.010	<0.010	0.019	0.044	0.040	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.34	0.36	0.12	0.21	0.23	0.32	0.31	<0.10	<0.10	0.15
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0024	<0.0010	<0.0010	<0.0010
Calcium	45	35	79	83	45	18	180	85	61	82
Chloride	16	19	91	21	12	27	31	9.4	15	15
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.013	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	5.0	6.0	6.5	6.6	5.6	9.0	7.8	4.2	4.8	4.6
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0005	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	8.7	5.5	13	13	7.0	6.1	52	12	9.5	15
Manganese	0.022	0.013	0.018	0.043	<0.0050	0.0072	0.94	0.033	0.026	0.011
Mercury	<0.0002	0.00043	0.0009	0.0018	0.0029	0.00056	<0.00010	0.00047	0.00014	0.00052
Molybdenum	0.091	0.086	0.15	0.12	0.27	0.094	0.069	0.40	0.11	0.081
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	0.033	0.35	0.22	0.23	<0.025	<0.12	0.19	0.051	0.45
pH, stu	8.47	8.31	8.27	8.39	8.33	8.74	7.80	8.28	8.22	8.24
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	42	25	16	24	22	17	59	11	19	16
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.011	0.0053	0.0096	0.017	0.011	0.0066	0.041	0.017	0.015	0.025
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	56	50	45	42	34	85	58	34	34	40
Strontium	0.44	0.38	0.80	0.75	0.35	0.50	1.7	0.74	0.55	1.2
Sulfate	150	100	140	260	110	100	720	190	140	190
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	390	320	540	560	320	360	1,300	520	440	490
Uranium	0.051	0.020	0.029	0.056	0.042	<0.010	0.19	0.11	0.081	0.085
Vanadium	<0.050	<0.010	0.019	0.020	<0.010	0.019	0.038	0.015	0.010	0.022
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.041	<0.010	<0.010	<0.010
Cations, meq/L	6.47	5.02	7.38	7.65	4.86	5.54	17.3	6.99	5.79	7.48
Anions, meq/L	5.74	4.90	7.95	8.24	4.55	5.68	18.1	6.57	5.39	6.59
Balance, %	6.0	1.2	3.8	3.7	3.3	1.2	2.1	3.1	3.6	6.3
Wetlab Report #	1008456	1008456	1008487	1008487	1008456	1008487	1008397	1008342	1008342	1008288

Table . - Profile II Analytical Results, MWMP Extracts,
Copper Flat Project

Analysis, mg/L	Extracts									
	604849	604854	604862	604867	605033	605109	605153	605175	605184	605218
Alkalinity, CaCO ₃ (Acidity)	99	94	120	110	83	87	63	89	31	87
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	1.4	2.5	<1.0	7.0	<1.0	<1.0
HCO ₃	120	110	150	130	99	100	76	94	37	110
Hydroxide (OH)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	<0.045	<0.045	<0.045	<0.045	0.056	<0.045	0.066	0.12	<0.045	<0.045
Antimony	0.0057	0.0041	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0046	<0.0025	0.015
Arsenic	0.020	0.0066	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0078	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	0.019	0.010	0.028	0.039	0.036	0.016	0.060
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.21	0.25	0.14	0.16	0.11	0.15	0.29	0.26	<0.10	0.27
Cadmium	<0.0010	<0.0010	<0.0010	0.0013	<0.0010	<0.0010	<0.0010	<0.0010	0.068	<0.0010
Calcium	83	78	88	190	53	29	18	15	480	140
Chloride	6.9	29	12	6.1	15	20	7.8	6.8	18	34
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.026	<0.010
Copper	<0.050	0.14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.084	<0.050
Fluoride	4.4	4.6	5.5	74	6.6	6.4	5.0	3.1	8.8	6.4
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.13	<0.10
Magnesium	16	18	18	46	7.8	5.6	4.2	6.6	140	20
Manganese	0.034	0.073	<0.0050	0.22	0.020	0.018	0.0090	0.0094	36	0.072
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00019	<0.00010	<0.00010
Molybdenum	0.18	0.12	0.088	0.12	0.072	0.074	0.021	0.081	<0.010	0.14
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.16	<0.025	<0.025	<0.025	<0.025	0.063	0.043	<0.025	<0.12	0.19
pH, stu	8.16	8.16	8.11	8.06	8.37	8.49	8.15	8.78	7.47	8.15
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	17	58	22	61	25	28	13	18	42	22
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.020	0.023	0.018	0.048	<0.0050	0.0062	<0.0050	0.0087	0.011	0.0061
Silver	<0.0050	0.0075	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	39	40	44	25	40	53	52	84	45	39
Strontium	1.4	1.3	2.2	4.2	0.59	1.2	1.2	1.3	2.5	2.0
Sulfate	220	240	280	670	140	99	120	140	2,000	330
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	500	580	580	1,100	370	370	270	350	2,800	700
Uranium	0.19	0.037	0.019	<0.010	0.016	0.014	<0.010	0.013	0.016	0.044
Vanadium	0.015	0.017	0.027	0.035	0.015	0.011	<0.010	0.019	0.068	0.028
Zinc	<0.010	0.013	<0.010	0.017	<0.010	<0.010	<0.010	<0.010	0.47	<0.010
Cations, meq/L	7.59	8.60	8.35	15.9	5.67	4.93	3.85	5.42	39.8	10.9
Anions, meq/L	6.97	7.86	8.92	20.4	5.35	4.68	4.23	5.04	43.2	9.97
Balance, %	4.2	4.5	3.3	12	2.9	2.6	4.7	3.6	4.1	4.4
Wetlab Report #	1008397	1008397	1008487	1008397	1008342	1008342	1008487	1008456	1008397	1008288

**Table . - MWMP Extraction Test Data,
Copper Flat Project, 100%-2" Feeds**

Sample I.D.	Temp °C		Flow Rate, mL/min	Volume, L		pH		Moisture, wt. %		Distribution, wt. pct. ¹⁾	
	Start	End		Inf.	Eff.	Inf.	Eff.	Extract	Feed	Residue	+2"
CF-11-01-B, 268.8-292	14.7	19.8	3.47	5.00	4.63	5.68	8.21	7.98	1.00	5.11	1.5
CF-11-02, 0-27	14.7	19.8	3.49	5.02	4.82	5.68	7.36	7.27	0.28	2.53	2.3
CF-11-02, 147-181	14.7	19.8	3.47	4.99	4.83	5.68	7.02	6.99	0.24	1.40	0.0
CF-11-02, 367-408	14.7	19.8	3.47	5.00	4.87	5.68	6.18	5.86	<0.10	1.13	0.0
CF-11-03, 23.9-53.2	14.7	19.8	3.47	4.99	4.84	5.68	8.09	7.58	<0.10	0.71	3.2
CF-11-03, 922-949.5	14.7	19.8	3.48	5.01	4.83	5.68	7.63	7.30	<0.10	1.86	0.0
CF-11-07, 312-346.6	14.7	19.8	3.49	5.02	4.87	5.68	7.58	7.33	<0.10	1.56	7.3
CF-11-09, 588-628	14.7	19.8	3.48	5.01	4.82	5.68	7.69	7.46	<0.10	2.04	2.1
CF-11-10, 565.1-585	14.7	19.8	3.46	4.98	4.79	5.68	8.17	7.66	0.37	2.55	0.0
CF-11-10-B, 1000-1035	14.7	19.8	3.47	5.00	4.81	5.68	8.23	7.68	0.27	2.51	0.0
											100.0

1) Distribution before crushing +2" to just pass 2".

Table . - Profile II Analytical Results, MWMP Extracts,
Copper Flat Project

Analysis, mg/L	Extracts									
	CF-11-01-B	CF-11-02	CF-11-02	CF-11-02	CF-11-03	CF-11-03	CF-11-07	CF-11-09	CF-11-10	CF-11-10-B
Analysis, mg/L	268.8-292	0-27	147-181	367-408	23.9-53.2	922-949.5	312-346.6	588-628	565.1-585	1000-1035
Alkalinity, CaCO ₃	48	17	6.9	<1.0	13	11	14	14	18	20
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	59	21	8.4	<1.0	15	14	17	18	22	25
Aluminum	<0.045	<0.045	0.048	<0.045	0.089	0.047	0.058	0.064	0.062	0.055
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	43	5.6	2.7	<0.50	4.4	3.0	4.7	4.5	4.3	2.1
Chloride	2.0	1.1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.93	0.62	<0.10	<0.10	<0.10	<0.10	<0.10	0.14	0.24	0.18
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	6.8	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	0.62
Manganese	<0.0050	0.0075	0.011	<0.0050	<0.0050	<0.0050	0.0096	0.0065	0.0059	<0.0050
Mercury	0.0019	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00015	<0.00010
Molybdenum	0.064	<0.010	<0.010	<0.010	<0.010	<0.010	0.018	<0.010	<0.010	0.016
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.038	0.030	0.030	<0.025	0.027	0.027	0.028	0.027	0.033	0.028
pH, stu	7.98	7.27	6.99	5.86	7.58	7.30	7.33	7.46	7.66	7.68
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	3.4	0.60	<0.50	<0.50	<0.50	<0.50	0.50	0.56	1.3	0.97
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	8.3	3.6	0.58	<0.50	1.0	1.4	2.2	1.4	5.7	8.5
Strontium	0.39	<0.10	<0.10	<0.10	0.14	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	99	5.0	<1.0	<1.0	2.2	1.2	3.2	2.2	7.6	4.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	220	31	12	<10	25	23	40	17	27	24
Vanadium	0.014	<0.010	<0.010	<0.010	0.012	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	3.15	0.52	0.17	<0.10	0.27	0.22	0.35	0.31	0.57	0.56
Anions, meq/L	3.13	0.51	0.14	<0.10	0.29	0.25	0.35	0.35	0.53	0.50
Balance, %	<1.0	<1.0	9.2	N/A	3.3	8.2	<1.0	6.3	3.2	5.1

Wetlab Report # 1203375

WetLab Laboratory Reports



3438 Profile II w/o WAD Mwke

475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

8/30/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008263

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/13/2010. Additional comments are located on page 2 of this report.

This is an amended report that includes results for Uranium as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008263

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917

Date Printed: 8/30/2010

OrderID: 1008263

Customer Sample ID: SRK 0854 MWMP
WETLAB Sample ID: 1008263-001

Collect Date/Time: 8/13/2010 09:00

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.54	pH Units		8/13/2010
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	8/13/2010
Chloride	EPA 300.0	1.1	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	1.1	mg/L	0.10	8/13/2010
Sulfate	EPA 300.0	440	mg/L	50	8/16/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	660	mg/L	10	8/17/2010
Aluminum	EPA 200.7	5.3	mg/L	0.045	8/17/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Beryllium	EPA 200.7	0.0030	mg/L	0.0010	8/17/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Cadmium	EPA 200.7	0.015	mg/L	0.0010	8/17/2010
Calcium	EPA 200.7	26	mg/L	0.50	8/17/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Cobalt	EPA 200.7	0.11	mg/L	0.010	8/17/2010
Copper	EPA 200.7	290 SC	mg/L	0.25	8/18/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Iron	EPA 200.7	0.34	mg/L	0.010	8/17/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Magnesium	EPA 200.7	6.7	mg/L	0.50	8/17/2010
Manganese	EPA 200.7	1.3	mg/L	0.0050	8/17/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Nickel	EPA 200.7	0.037	mg/L	0.010	8/17/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Potassium	EPA 200.7	2.8	mg/L	0.50	8/17/2010

Customer Sample ID: SRK 0854 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-001

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Sodium	EPA 200.7	1.4	mg/L	0.50	8/17/2010
Strontium	EPA 200.7	0.10	mg/L	0.10	8/17/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Zinc	EPA 200.7	1.4	mg/L	0.010	8/17/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Selenium	EPA 200.8	0.012	mg/L	0.0050	8/18/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2010
Uranium	EPA 200.8	0.028	mg/L	0.010	8/18/2010
Anions	Calculation	9.25	meq/L	0.10	
Cations	Calculation	11.8	meq/L	0.10	
Error	Calculation	12	%	1.0	

Customer Sample ID: SRK 0855 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-002

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.93	pH Units		8/13/2010
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	8/13/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	0.12	mg/L	0.10	8/20/2010
Sulfate	EPA 300.0	24	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	41	mg/L	10	8/17/2010
Aluminum	EPA 200.7	0.34	mg/L	0.045	8/17/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010

Customer Sample ID: SRK 0855 MWMP
WETLAB Sample ID: 1008263-002

Collect Date/Time: 8/13/2010 09:00
Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	8.1	mg/L	0.50	8/17/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Copper	EPA 200.7	0.53	mg/L	0.050	8/17/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Iron	EPA 200.7	0.046	mg/L	0.010	8/17/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Manganese	EPA 200.7	0.14	mg/L	0.0050	8/17/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Potassium	EPA 200.7	0.70	mg/L	0.50	8/17/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Zinc	EPA 200.7	0.056	mg/L	0.010	8/17/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2010
Anions	Calculation	0.51	meq/L	0.10	
Cations	Calculation	0.49	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Customer Sample ID: SRK 0857 MWMP
WETLAB Sample ID: 1008263-003

Collect Date/Time: 8/13/2010 09:00
Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.35	pH Units		8/13/2010
Bicarbonate (HCO3)	SM 2320B	15	mg/L	1.0	8/13/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/13/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/13/2010

Customer Sample ID: SRK 0857 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-003

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	13	mg/L as CaCO ₃	1.0	8/13/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	0.55	mg/L	0.10	8/13/2010
Sulfate	EPA 300.0	180	mg/L	1.0	8/13/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	0.042	mg/L	0.025	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	8/17/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/17/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010
Calcium	EPA 200.7	70 SC	mg/L	0.50	8/17/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/17/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Magnesium	EPA 200.7	5.1	mg/L	0.50	8/17/2010
Manganese	EPA 200.7	0.040	mg/L	0.0050	8/17/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Potassium	EPA 200.7	3.0	mg/L	0.50	8/17/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Sodium	EPA 200.7	1.0	mg/L	0.50	8/17/2010
Strontium	EPA 200.7	0.29	mg/L	0.10	8/17/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2010

Customer Sample ID: SRK 0857 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-003

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	4.02	meq/L	0.10	
Cations	Calculation	4.03	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0858 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-004

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.99	pH Units		8/13/2010
Acidity (Titrimetric)	SM 2310B	19	mg/L as CaCO ₃		8/13/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	0.40	mg/L	0.10	8/13/2010
Sulfate	EPA 300.0	29	mg/L	1.0	8/13/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	23	mg/L	10	8/17/2010
Aluminum	EPA 200.7	0.63	mg/L	0.045	8/17/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/17/2010
Calcium	EPA 200.7	3.0	mg/L	0.50	8/17/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Copper	EPA 200.7	1.0	mg/L	0.050	8/17/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Iron	EPA 200.7	0.33	mg/L	0.010	8/17/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Manganese	EPA 200.7	0.046	mg/L	0.0050	8/17/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Potassium	EPA 200.7	0.61	mg/L	0.50	8/17/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/17/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/17/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/17/2010

Customer Sample ID: SRK 0858 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-004

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/17/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/17/2010
Zinc	EPA 200.7	0.015	mg/L	0.010	8/17/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2010
Anions	Calculation	0.62	meq/L	0.10	
Cations	Calculation	0.48	meq/L	0.10	
Error	Calculation	13	%	1.0	

Customer Sample ID: SRK 0860 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-005

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.57	pH Units		8/13/2010
Acidity (Titrimetric)	SM 2310B	31	mg/L as CaCO ₃		8/20/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	<0.10	mg/L	0.10	8/13/2010
Sulfate	EPA 300.0	51	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	38	mg/L	10	8/17/2010
Aluminum	EPA 200.7	1.5	mg/L	0.045	8/18/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/18/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/18/2010
Calcium	EPA 200.7	2.0	mg/L	0.50	8/18/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/18/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Copper	EPA 200.7	0.16	mg/L	0.050	8/18/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Iron	EPA 200.7	2.7	mg/L	0.010	8/18/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/18/2010

Customer Sample ID: SRK 0860 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-005

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Manganese	EPA 200.7	0.029	mg/L	0.0050	8/18/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/18/2010
Potassium	EPA 200.7	<0.50	mg/L	0.50	8/18/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/18/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/18/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Zinc	EPA 200.7	0.016	mg/L	0.010	8/18/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2010
Anions	Calculation	1.06	meq/L	0.10	
Cations	Calculation	0.82	meq/L	0.10	
Error	Calculation	13	%	1.0	

Customer Sample ID: SRK 0862 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-006

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.24	pH Units		8/14/2010
Bicarbonate (HCO ₃)	SM 2320B	13	mg/L	1.0	8/14/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/14/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/14/2010
Total Alkalinity	SM 2320B	10	mg/L as CaCO ₃	1.0	8/14/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Fluoride	EPA 300.0	0.67	mg/L	0.10	8/13/2010
Sulfate	EPA 300.0	37	mg/L	1.0	8/13/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2010
Nitrite Nitrogen	EPA 300.0	0.026	mg/L	0.025	8/13/2010
Total Dissolved Solids (TDS)	SM 2540C	67	mg/L	10	8/17/2010
Aluminum	EPA 200.7	0.075	mg/L	0.045	8/18/2010

Customer Sample ID: SRK 0862 MWMP

Collect Date/Time: 8/13/2010 09:00

WETLAB Sample ID: 1008263-006

Receive Date: 8/13/2010 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Barium	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/18/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/18/2010
Calcium	EPA 200.7	12	mg/L	0.50	8/18/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/18/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/18/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Magnesium	EPA 200.7	2.8	mg/L	0.50	8/18/2010
Manganese	EPA 200.7	0.12	mg/L	0.0050	8/18/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/18/2010
Potassium	EPA 200.7	1.2	mg/L	0.50	8/18/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/18/2010
Sodium	EPA 200.7	3.2	mg/L	0.50	8/18/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/18/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/18/2010
Zinc	EPA 200.7	0.012	mg/L	0.010	8/18/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/19/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2010
Anions	Calculation	1.02	meq/L	0.10	
Cations	Calculation	1.01	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008423	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008423	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008423	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008424	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008424	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008424	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008425	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008425	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008425	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008426	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008426	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008426	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008427	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008427	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008427	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008457	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008457	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008463	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008464	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008465	Blank 1	Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008466	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008467	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
QC1008468	Blank 1	Chromium	EPA 200.7	<0.0050	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008467	Blank 1	Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
QC1008468	Blank 1	Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008508	Blank 1	Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008509	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1008510	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1008521	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008521	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008547	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1008548	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1008550	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Arsenic	EPA 200.8	<0.0050	mg/L		
		Lead	EPA 200.8	<0.0025	mg/L		
		Selenium	EPA 200.8	<0.0050	mg/L		
		Thallium	EPA 200.8	<0.0010	mg/L		
		Uranium	EPA 200.8	<0.010	mg/L		
QC1008412	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1008412	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1008412	LCS 3	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1008412	LCS 4	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1008414	LCS 1	Alkalinity	SM 2320B	94.7	100	95	mg/L
QC1008414	LCS 2	Alkalinity	SM 2320B	93.0	100	93	mg/L
QC1008414	LCS 3	Alkalinity	SM 2320B	93.3	100	93	mg/L
QC1008423	LCS 1	Fluoride	EPA 300.0	2.12	2.00	106	mg/L
QC1008424	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L
QC1008425	LCS 1	Nitrite Nitrogen	EPA 300.0	0.542	0.500	108	mg/L
QC1008426	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L
QC1008427	LCS 1	Sulfate	EPA 300.0	26.0	25.0	104	mg/L
QC1008457	LCS 1	Sulfate	EPA 300.0	5.29	5.00	106	mg/L
QC1008463	LCS 1	Aluminum	EPA 200.7	1.09	1.00	109	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.08	1.00	108	mg/L
		Bismuth	EPA 200.7	1.13	1.00	113	mg/L
		Boron	EPA 200.7	1.06	1.00	106	mg/L
		Cadmium	EPA 200.7	1.10	1.00	110	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.07	1.00	107	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
		Copper	EPA 200.7	5.43	5.00	109	mg/L
		Gallium	EPA 200.7	1.09	1.00	109	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	10.6	10.0	106	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.08	1.00	108	mg/L
		Nickel	EPA 200.7	5.43	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.45	5.00	109	mg/L
		Potassium	EPA 200.7	10.9	10.0	109	mg/L
		Scandium	EPA 200.7	1.08	1.00	108	mg/L
		Silver	EPA 200.7	0.097	0.090	108	mg/L
		Sodium	EPA 200.7	10.8	10.0	108	mg/L
		Strontium	EPA 200.7	1.10	1.00	110	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.07	1.00	107	mg/L
		Vanadium	EPA 200.7	1.08	1.00	108	mg/L
		Zinc	EPA 200.7	1.13	1.00	113	mg/L
QC1008464	LCS 1	Aluminum	EPA 200.7	1.09	1.00	109	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.08	1.00	108	mg/L
		Bismuth	EPA 200.7	1.13	1.00	113	mg/L
		Boron	EPA 200.7	1.06	1.00	106	mg/L
		Cadmium	EPA 200.7	1.10	1.00	110	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.07	1.00	107	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008465	LCS 1	Copper	EPA 200.7	5.43	5.00	109	mg/L
		Gallium	EPA 200.7	1.09	1.00	109	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	10.6	10.0	106	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.08	1.00	108	mg/L
		Nickel	EPA 200.7	5.43	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.45	5.00	109	mg/L
		Potassium	EPA 200.7	10.9	10.0	109	mg/L
		Scandium	EPA 200.7	1.08	1.00	108	mg/L
		Silver	EPA 200.7	0.097	0.090	108	mg/L
		Sodium	EPA 200.7	10.8	10.0	108	mg/L
		Strontium	EPA 200.7	1.10	1.00	110	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.07	1.00	107	mg/L
		Vanadium	EPA 200.7	1.08	1.00	108	mg/L
		Zinc	EPA 200.7	1.13	1.00	113	mg/L
		Aluminum	EPA 200.7	1.09	1.00	109	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.10	1.00	110	mg/L
		Boron	EPA 200.7	1.07	1.00	107	mg/L
		Cadmium	EPA 200.7	1.10	1.00	110	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.07	1.00	107	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
QC1008466	LCS 1	Copper	EPA 200.7	5.40	5.00	108	mg/L
		Gallium	EPA 200.7	1.11	1.00	111	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	10.5	10.0	105	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L
		Nickel	EPA 200.7	5.45	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.35	5.00	107	mg/L
		Potassium	EPA 200.7	10.9	10.0	109	mg/L
		Scandium	EPA 200.7	1.08	1.00	108	mg/L
		Silver	EPA 200.7	0.098	0.090	109	mg/L
		Sodium	EPA 200.7	10.9	10.0	109	mg/L
		Strontium	EPA 200.7	1.11	1.00	111	mg/L
		Tin	EPA 200.7	1.06	1.00	106	mg/L
		Titanium	EPA 200.7	1.07	1.00	107	mg/L
		Vanadium	EPA 200.7	1.09	1.00	109	mg/L
		Zinc	EPA 200.7	1.11	1.00	111	mg/L
		Aluminum	EPA 200.7	1.12	1.00	112	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.08	1.00	108	mg/L
		Bismuth	EPA 200.7	1.09	1.00	109	mg/L
		Boron	EPA 200.7	1.11	1.00	111	mg/L
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.09	1.00	109	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
		Copper	EPA 200.7	5.62	5.00	112	mg/L
		Gallium	EPA 200.7	1.12	1.00	112	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008467	LCS 1	Iron	EPA 200.7	1.11	1.00	111	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	11.1	10.0	111	mg/L
		Manganese	EPA 200.7	1.06	1.00	106	mg/L
		Molybdenum	EPA 200.7	0.961	1.00	96	mg/L
		Nickel	EPA 200.7	5.44	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.15	5.00	103	mg/L
		Potassium	EPA 200.7	11.1	10.0	111	mg/L
		Scandium	EPA 200.7	1.11	1.00	111	mg/L
		Silver	EPA 200.7	0.100	0.090	111	mg/L
		Sodium	EPA 200.7	10.9	10.0	109	mg/L
		Strontium	EPA 200.7	1.07	1.00	107	mg/L
		Tin	EPA 200.7	0.969	1.00	97	mg/L
		Titanium	EPA 200.7	1.10	1.00	110	mg/L
		Vanadium	EPA 200.7	1.10	1.00	110	mg/L
		Zinc	EPA 200.7	1.05	1.00	105	mg/L
QC1008468	LCS 1	Aluminum	EPA 200.7	1.12	1.00	112	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.08	1.00	108	mg/L
		Bismuth	EPA 200.7	1.09	1.00	109	mg/L
		Boron	EPA 200.7	1.11	1.00	111	mg/L
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.09	1.00	109	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
		Copper	EPA 200.7	5.62	5.00	112	mg/L
		Gallium	EPA 200.7	1.12	1.00	112	mg/L
		Iron	EPA 200.7	1.11	1.00	111	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	11.1	10.0	111	mg/L
		Manganese	EPA 200.7	1.06	1.00	106	mg/L
		Molybdenum	EPA 200.7	0.961	1.00	96	mg/L
		Nickel	EPA 200.7	5.44	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.15	5.00	103	mg/L
		Potassium	EPA 200.7	11.1	10.0	111	mg/L
		Scandium	EPA 200.7	1.11	1.00	111	mg/L
		Silver	EPA 200.7	0.100	0.090	111	mg/L
		Sodium	EPA 200.7	10.9	10.0	109	mg/L
		Strontium	EPA 200.7	1.07	1.00	107	mg/L
		Tin	EPA 200.7	0.969	1.00	97	mg/L
		Titanium	EPA 200.7	1.10	1.00	110	mg/L
		Vanadium	EPA 200.7	1.10	1.00	110	mg/L
		Zinc	EPA 200.7	1.05	1.00	105	mg/L
QC1008469	LCS 1	Aluminum	EPA 200.7	1.14	1.00	114	mg/L
		Barium	EPA 200.7	1.09	1.00	109	mg/L
		Beryllium	EPA 200.7	1.09	1.00	109	mg/L
		Bismuth	EPA 200.7	1.06	1.00	106	mg/L
		Boron	EPA 200.7	1.12	1.00	112	mg/L
		Cadmium	EPA 200.7	1.07	1.00	107	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.10	1.00	110	mg/L
		Cobalt	EPA 200.7	1.08	1.00	108	mg/L
		Copper	EPA 200.7	5.74	5.00	115	mg/L
		Gallium	EPA 200.7	1.14	1.00	114	mg/L
		Iron	EPA 200.7	1.14	1.00	114	mg/L
		Lithium	EPA 200.7	1.08	1.00	108	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008508	LCS 1	Magnesium	EPA 200.7	11.3	10.0	113	mg/L
		Manganese	EPA 200.7	1.06	1.00	106	mg/L
		Molybdenum	EPA 200.7	0.905	1.00	90	mg/L
		Nickel	EPA 200.7	5.42	5.00	108	mg/L
		Phosphorus	EPA 200.7	4.86	5.00	97	mg/L
		Potassium	EPA 200.7	10.9	10.0	109	mg/L
		Scandium	EPA 200.7	1.12	1.00	112	mg/L
		Silver	EPA 200.7	0.102	0.090	113	mg/L
		Sodium	EPA 200.7	11.2	10.0	112	mg/L
		Strontium	EPA 200.7	1.09	1.00	109	mg/L
		Tin	EPA 200.7	0.891	1.00	89	mg/L
		Titanium	EPA 200.7	1.11	1.00	111	mg/L
		Vanadium	EPA 200.7	1.11	1.00	111	mg/L
		Zinc	EPA 200.7	0.988	1.00	99	mg/L
		Mercury	EPA 200.8	0.000920	0.001	92	mg/L
		Antimony	EPA 200.8	0.0095	0.010	95	mg/L
		Arsenic	EPA 200.8	0.0486	0.050	97	mg/L
QC1008509	LCS 1	Lead	EPA 200.8	0.0090	0.010	90	mg/L
		Selenium	EPA 200.8	0.0474	0.050	95	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	91	mg/L
		Mercury	EPA 200.8	0.000920	0.001	92	mg/L
		Antimony	EPA 200.8	0.0095	0.010	95	mg/L
		Arsenic	EPA 200.8	0.0486	0.050	97	mg/L
QC1008510	LCS 1	Lead	EPA 200.8	0.0090	0.010	90	mg/L
		Selenium	EPA 200.8	0.0474	0.050	95	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	91	mg/L
		Mercury	EPA 200.8	0.001000	0.001	100	mg/L
		Antimony	EPA 200.8	0.0100	0.010	100	mg/L
		Arsenic	EPA 200.8	0.0495	0.050	99	mg/L
QC1008521	LCS 1	Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0501	0.050	100	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	96	mg/L
		Total Dissolved Solids (TDS)	SM 2540C	153	150	102	mg/L
		Total Dissolved Solids (TDS)	SM 2540C	145	150	97	mg/L
		Mercury	EPA 200.8	0.000992	0.001	99	mg/L
QC1008547	LCS 1	Antimony	EPA 200.8	0.0096	0.010	96	mg/L
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L
		Lead	EPA 200.8	0.0094	0.010	94	mg/L
		Selenium	EPA 200.8	0.0481	0.050	96	mg/L
		Thallium	EPA 200.8	0.0090	0.010	90	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
		Mercury	EPA 200.8	0.000992	0.001	99	mg/L
QC1008548	LCS 1	Antimony	EPA 200.8	0.0096	0.010	96	mg/L
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L
		Lead	EPA 200.8	0.0094	0.010	94	mg/L
		Selenium	EPA 200.8	0.0481	0.050	96	mg/L
		Thallium	EPA 200.8	0.0090	0.010	90	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
		Mercury	EPA 200.8	0.000992	0.001	99	mg/L
QC1008550	LCS 1	Antimony	EPA 200.8	0.0096	0.010	96	mg/L
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L
		Lead	EPA 200.8	0.0094	0.010	94	mg/L
		Selenium	EPA 200.8	0.0481	0.050	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
		Mercury	EPA 200.8	0.001038	0.001	104	mg/L
		Antimony	EPA 200.8	0.0095	0.010	95	mg/L
		Arsenic	EPA 200.8	0.0474	0.050	95	mg/L
		Lead	EPA 200.8	0.0091	0.010	91	mg/L
		Selenium	EPA 200.8	0.0463	0.050	92	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units					
		Thallium	EPA 200.8	0.0086	0.010	86	mg/L					
		Uranium	EPA 200.8	<0.0100	0.010	89	mg/L					
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1008412	Duplicate 1	pH	SM 4500-H+ B	1008045-001	7.67	7.67	pH Units	<1%				
QC1008412	Duplicate 2	pH	SM 4500-H+ B	1008047-001	7.77	7.77	pH Units	<1%				
QC1008412	Duplicate 3	pH	SM 4500-H+ B	1008049-001	7.68	7.68	pH Units	<1%				
QC1008412	Duplicate 4	pH	SM 4500-H+ B	1008051-001	7.87	7.87	pH Units	<1%				
QC1008412	Duplicate 5	pH	SM 4500-H+ B	1008053-001	7.90	7.88	pH Units	<1%				
QC1008412	Duplicate 6	pH	SM 4500-H+ B	1008262-001	7.72	7.81	pH Units	1 %				
QC1008412	Duplicate 7	pH	SM 4500-H+ B	1008263-006	7.24	7.30	pH Units	1 %				
QC1008414	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008045-001	299	299	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1008045-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008045-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008045-001	245	245	mg/L as CaCO3	<1%				
QC1008414	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1008047-001	357	357	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1008047-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008047-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008047-001	292	293	mg/L as CaCO3	<1%				
QC1008414	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1008049-001	319	321	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1008049-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008049-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008049-001	262	263	mg/L as CaCO3	<1%				
QC1008414	Duplicate 4	Bicarbonate (HCO3)	SM 2320B	1008051-001	322	322	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1008051-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008051-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008051-001	264	264	mg/L as CaCO3	<1%				
QC1008414	Duplicate 5	Bicarbonate (HCO3)	SM 2320B	1008053-001	337	339	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1008053-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008053-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008053-001	277	278	mg/L as CaCO3	<1%				
QC1008414	Duplicate 6	Bicarbonate (HCO3)	SM 2320B	1008262-001	50.0	48.3	mg/L	3 %				
		Carbonate (CO3)	SM 2320B	1008262-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008262-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008262-001	41.0	39.6	mg/L as CaCO3	3 %				
QC1008521	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008051-003	2804	2764	mg/L	1 %				
QC1008521	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008052-005	3756	3760	mg/L	<1%				
QC1008521	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008263-001	663	663	mg/L	<1%				
QC1008521	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008264-005	1086	1076	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008423	MS 1	Fluoride	EPA 300.0	1008244-001	0.240	2.19	2.16	2.00	mg/L	98	96	1 %
QC1008423	MS 2	Fluoride	EPA 300.0	1008240-001	<0.100	2.12	2.10	2.00	mg/L	100	100	1 %
QC1008424	MS 1	Chloride	EPA 300.0	1008244-001	<1.000	5.14	5.21	5.00	mg/L	100	102	1 %
QC1008424	MS 2	Chloride	EPA 300.0	1008240-001	29.1	50.1	50.1	5.00	mg/L	88	87	<1%
QC1008425	MS 1	Nitrite Nitrogen	EPA 300.0	1008244-001	0.058	0.478	0.480	0.500	mg/L	84	84	<1%
QC1008425	MS 2	Nitrite Nitrogen	EPA 300.0	1008262-002	<0.025	0.545	0.553	0.500	mg/L	108	109	1 %
QC1008426	MS 1	Nitrate Nitrogen	EPA 300.0	1008244-001	<1.000	1.97	2.00	2.00	mg/L	96	98	2 %
QC1008426	MS 2	Nitrate Nitrogen	EPA 300.0	1008262-002	<1.000	1.94	1.95	2.00	mg/L	95	96	1 %
QC1008427	MS 1	Sulfate	EPA 300.0	1008244-001	41.5	50.7	50.9	10.0	mg/L	92	93	<1%
QC1008427	MS 2	Sulfate	EPA 300.0	1008240-001	31.6	59.1	59.1	10.0	mg/L	89	89	<1%
QC1008457	MS 1	Sulfate	EPA 300.0	1008261-001	2.87	5.57	5.58	2.50	mg/L	108	109	<1%
QC1008463	MS 1	Aluminum	EPA 200.7	1008263-001	5.34	6.59	6.56	1.00	mg/L	125	122	<1%
		Barium	EPA 200.7	1008263-001	<0.010	0.987	0.991	1.00	mg/L	98	98	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008464	MS 1	Beryllium	EPA 200.7	1008263-001	0.003	0.996	0.992	1.00	mg/L	99	99	<1%
		Bismuth	EPA 200.7	1008263-001	<0.100	0.751	0.770	1.00	mg/L	99	101	2 %
		Boron	EPA 200.7	1008263-001	<0.100	0.988	0.991	1.00	mg/L	97	98	<1%
		Cadmium	EPA 200.7	1008263-001	0.015	1.02	1.02	1.00	mg/L	101	101	<1%
		Calcium	EPA 200.7	1008263-001	25.6	36.8	36.5	10.0	mg/L	112	109	1 %
		Chromium	EPA 200.7	1008263-001	<0.005	0.957	0.958	1.00	mg/L	97	97	<1%
		Cobalt	EPA 200.7	1008263-001	0.110	1.11	1.11	1.00	mg/L	100	100	<1%
		Copper	EPA 200.7	1008263-001	287	SC 188	186	5.00	mg/L	NC	NC	NC
		Gallium	EPA 200.7	1008263-001	<0.100	0.974	0.977	1.00	mg/L	98	98	<1%
		Iron	EPA 200.7	1008263-001	0.336	1.35	1.35	1.00	mg/L	101	101	<1%
		Lithium	EPA 200.7	1008263-001	<0.100	1.04	1.04	1.00	mg/L	103	103	<1%
		Magnesium	EPA 200.7	1008263-001	6.67	17.1	17.0	10.0	mg/L	104	103	1 %
		Manganese	EPA 200.7	1008263-001	1.29	2.32	2.32	1.00	mg/L	103	103	<1%
		Molybdenum	EPA 200.7	1008263-001	<0.010	0.945	0.953	1.00	mg/L	94	95	1 %
		Nickel	EPA 200.7	1008263-001	0.037	5.02	5.03	5.00	mg/L	100	100	<1%
		Phosphorus	EPA 200.7	1008263-001	<0.500	5.46	5.53	5.00	mg/L	103	104	1 %
		Potassium	EPA 200.7	1008263-001	2.75	13.4	13.4	10.0	mg/L	106	106	<1%
		Scandium	EPA 200.7	1008263-001	<0.100	0.992	0.990	1.00	mg/L	99	99	<1%
		Silver	EPA 200.7	1008263-001	<0.005	0.088	0.088	0.090	mg/L	102	101	<1%
		Sodium	EPA 200.7	1008263-001	1.41	11.8	11.9	10.0	mg/L	104	105	1 %
		Strontium	EPA 200.7	1008263-001	0.105	1.10	1.09	1.00	mg/L	100	99	1 %
		Tin	EPA 200.7	1008263-001	<0.100	0.858	0.864	1.00	mg/L	99	99	1 %
		Titanium	EPA 200.7	1008263-001	<0.100	0.985	0.992	1.00	mg/L	98	98	1 %
		Vanadium	EPA 200.7	1008263-001	<0.010	0.998	1.00	1.00	mg/L	99	99	<1%
		Zinc	EPA 200.7	1008263-001	1.43	2.56	2.55	1.00	mg/L	113	112	<1%
QC1008465	MS 1	Aluminum	EPA 200.7	1008263-002	0.341	1.44	1.45	1.00	mg/L	110	111	1 %
		Barium	EPA 200.7	1008263-002	<0.010	1.09	1.11	1.00	mg/L	109	111	2 %
		Beryllium	EPA 200.7	1008263-002	<0.001	1.10	1.10	1.00	mg/L	110	110	<1%
		Bismuth	EPA 200.7	1008263-002	<0.100	1.13	1.14	1.00	mg/L	112	113	1 %
		Boron	EPA 200.7	1008263-002	<0.100	1.09	1.12	1.00	mg/L	108	111	3 %
		Cadmium	EPA 200.7	1008263-002	<0.001	1.10	1.13	1.00	mg/L	110	113	3 %
		Calcium	EPA 200.7	1008263-002	8.11	19.3	19.1	10.0	mg/L	112	110	1 %
		Chromium	EPA 200.7	1008263-002	<0.005	1.08	1.10	1.00	mg/L	108	110	2 %
		Cobalt	EPA 200.7	1008263-002	<0.010	1.10	1.12	1.00	mg/L	110	112	2 %
		Copper	EPA 200.7	1008263-002	0.531	6.16	6.11	5.00	mg/L	113	112	1 %
		Gallium	EPA 200.7	1008263-002	<0.100	1.17	1.16	1.00	mg/L	117	116	1 %
		Iron	EPA 200.7	1008263-002	0.046	1.17	1.16	1.00	mg/L	112	111	1 %
		Lithium	EPA 200.7	1008263-002	<0.100	1.09	1.08	1.00	mg/L	109	108	1 %
		Magnesium	EPA 200.7	1008263-002	<0.500	11.3	11.3	10.0	mg/L	110	110	<1%
		Manganese	EPA 200.7	1008263-002	0.141	1.21	1.24	1.00	mg/L	107	110	2 %
		Molybdenum	EPA 200.7	1008263-002	<0.010	1.03	1.04	1.00	mg/L	103	104	1 %
		Nickel	EPA 200.7	1008263-002	<0.010	5.42	5.54	5.00	mg/L	108	111	2 %
		Phosphorus	EPA 200.7	1008263-002	<0.500	5.50	5.54	5.00	mg/L	109	110	1 %
		Potassium	EPA 200.7	1008263-002	0.695	11.8	11.7	10.0	mg/L	111	110	1 %
		Scandium	EPA 200.7	1008263-002	<0.100	1.10	1.09	1.00	mg/L	110	109	1 %
		Silver	EPA 200.7	1008263-002	<0.005	0.098	0.100	0.090	mg/L	108	111	2 %
		Sodium	EPA 200.7	1008263-002	<0.500	11.4	11.3	10.0	mg/L	110	109	1 %
		Strontium	EPA 200.7	1008263-002	<0.100	1.13	1.11	1.00	mg/L	111	109	2 %
		Tin	EPA 200.7	1008263-002	<0.100	1.00	1.01	1.00	mg/L	105	106	1 %
		Titanium	EPA 200.7	1008263-002	<0.100	1.09	1.09	1.00	mg/L	109	109	<1%
		Vanadium	EPA 200.7	1008263-002	<0.010	1.09	1.12	1.00	mg/L	109	112	3 %
		Zinc	EPA 200.7	1008263-002	0.056	1.18	1.21	1.00	mg/L	112	115	3 %
QC1008465	MS 1	Aluminum	EPA 200.7	1008263-003	<0.045	1.10	1.12	1.00	mg/L	106	108	2 %
		Barium	EPA 200.7	1008263-003	<0.010	1.08	1.09	1.00	mg/L	108	109	1 %
		Beryllium	EPA 200.7	1008263-003	<0.001	1.10	1.10	1.00	mg/L	110	110	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008466	MS 1	Bismuth	EPA 200.7	1008263-003	<0.100	1.08	1.07	1.00	mg/L	110	109	1 %
		Boron	EPA 200.7	1008263-003	<0.100	1.10	1.11	1.00	mg/L	111	112	1 %
		Cadmium	EPA 200.7	1008263-003	<0.001	1.08	1.09	1.00	mg/L	108	109	1 %
		Calcium	EPA 200.7	1008263-003	70.1	SC 84.0	84.1	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1008263-003	<0.005	1.08	1.10	1.00	mg/L	108	110	2 %
		Cobalt	EPA 200.7	1008263-003	<0.010	1.09	1.10	1.00	mg/L	109	110	1 %
		Copper	EPA 200.7	1008263-003	<0.050	5.71	5.75	5.00	mg/L	114	115	1 %
		Gallium	EPA 200.7	1008263-003	<0.100	1.14	1.15	1.00	mg/L	114	115	1 %
		Iron	EPA 200.7	1008263-003	<0.010	1.13	1.13	1.00	mg/L	112	112	<1%
		Lithium	EPA 200.7	1008263-003	<0.100	1.10	1.10	1.00	mg/L	110	110	<1%
		Magnesium	EPA 200.7	1008263-003	5.07	15.8	16.1	10.0	mg/L	107	110	2 %
		Manganese	EPA 200.7	1008263-003	0.040	1.10	1.11	1.00	mg/L	106	107	1 %
		Molybdenum	EPA 200.7	1008263-003	<0.010	1.02	1.03	1.00	mg/L	102	103	1 %
		Nickel	EPA 200.7	1008263-003	<0.010	5.33	5.43	5.00	mg/L	107	109	2 %
		Phosphorus	EPA 200.7	1008263-003	<0.500	5.55	5.55	5.00	mg/L	111	111	<1%
		Potassium	EPA 200.7	1008263-003	2.97	14.2	14.4	10.0	mg/L	112	114	1 %
		Scandium	EPA 200.7	1008263-003	<0.100	1.10	1.10	1.00	mg/L	110	110	<1%
		Silver	EPA 200.7	1008263-003	<0.005	0.100	0.100	0.090	mg/L	111	111	<1%
		Sodium	EPA 200.7	1008263-003	1.05	12.2	12.2	10.0	mg/L	111	111	<1%
		Strontium	EPA 200.7	1008263-003	0.291	1.39	1.38	1.00	mg/L	110	109	1 %
		Tin	EPA 200.7	1008263-003	<0.100	0.819	0.832	1.00	mg/L	105	107	2 %
		Titanium	EPA 200.7	1008263-003	<0.100	1.09	1.12	1.00	mg/L	109	112	3 %
		Vanadium	EPA 200.7	1008263-003	<0.010	1.12	1.13	1.00	mg/L	111	112	1 %
		Zinc	EPA 200.7	1008263-003	<0.010	1.09	1.12	1.00	mg/L	108	111	3 %
QC1008467	MS 1	Aluminum	EPA 200.7	1008263-004	0.628	1.75	1.73	1.00	mg/L	112	110	1 %
		Barium	EPA 200.7	1008263-004	<0.010	1.10	1.09	1.00	mg/L	110	109	1 %
		Beryllium	EPA 200.7	1008263-004	<0.001	1.08	1.08	1.00	mg/L	108	108	<1%
		Bismuth	EPA 200.7	1008263-004	<0.100	1.08	1.09	1.00	mg/L	108	109	1 %
		Boron	EPA 200.7	1008263-004	<0.100	1.12	1.12	1.00	mg/L	111	111	<1%
		Cadmium	EPA 200.7	1008263-004	<0.001	1.09	1.09	1.00	mg/L	109	109	<1%
		Calcium	EPA 200.7	1008263-004	2.95	13.9	13.7	10.0	mg/L	109	108	1 %
		Chromium	EPA 200.7	1008263-004	<0.005	1.11	1.10	1.00	mg/L	111	110	1 %
		Cobalt	EPA 200.7	1008263-004	<0.010	1.11	1.10	1.00	mg/L	111	110	1 %
		Copper	EPA 200.7	1008263-004	1.02	6.69	6.62	5.00	mg/L	113	112	1 %
		Gallium	EPA 200.7	1008263-004	<0.100	1.17	1.16	1.00	mg/L	117	116	1 %
		Iron	EPA 200.7	1008263-004	0.329	1.49	1.47	1.00	mg/L	116	114	1 %
		Lithium	EPA 200.7	1008263-004	<0.100	1.09	1.09	1.00	mg/L	109	109	<1%
		Magnesium	EPA 200.7	1008263-004	<0.500	11.7	11.6	10.0	mg/L	113	112	1 %
		Manganese	EPA 200.7	1008263-004	0.046	1.11	1.11	1.00	mg/L	106	106	<1%
		Molybdenum	EPA 200.7	1008263-004	<0.010	0.958	0.965	1.00	mg/L	96	97	1 %
		Nickel	EPA 200.7	1008263-004	<0.010	5.47	5.45	5.00	mg/L	109	109	<1%
		Phosphorus	EPA 200.7	1008263-004	<0.500	5.22	5.23	5.00	mg/L	104	104	<1%
		Potassium	EPA 200.7	1008263-004	0.613	11.7	11.7	10.0	mg/L	111	111	<1%
		Scandium	EPA 200.7	1008263-004	<0.100	1.11	1.10	1.00	mg/L	111	110	1 %
		Silver	EPA 200.7	1008263-004	<0.005	0.100	0.099	0.090	mg/L	110	110	1 %
		Sodium	EPA 200.7	1008263-004	<0.500	11.2	11.2	10.0	mg/L	109	109	<1%
		Strontium	EPA 200.7	1008263-004	<0.100	1.09	1.09	1.00	mg/L	108	108	<1%
		Tin	EPA 200.7	1008263-004	<0.100	0.961	0.971	1.00	mg/L	98	99	1 %
		Titanium	EPA 200.7	1008263-004	<0.100	1.12	1.12	1.00	mg/L	112	112	<1%
		Vanadium	EPA 200.7	1008263-004	<0.010	1.11	1.10	1.00	mg/L	111	110	1 %
		Zinc	EPA 200.7	1008263-004	0.015	1.08	1.09	1.00	mg/L	106	107	1 %
QC1008467	MS 1	Aluminum	EPA 200.7	1008263-005	1.46	2.45	2.48	1.00	mg/L	99	102	1 %
		Barium	EPA 200.7	1008263-005	<0.010	1.09	1.09	1.00	mg/L	109	109	<1%
		Beryllium	EPA 200.7	1008263-005	<0.001	1.07	1.06	1.00	mg/L	107	106	1 %
		Bismuth	EPA 200.7	1008263-005	<0.100	1.11	1.11	1.00	mg/L	110	110	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008468	MS 1	Boron	EPA 200.7	1008263-005	<0.100	1.06	1.06	1.00	mg/L	105	105	<1%
		Cadmium	EPA 200.7	1008263-005	<0.001	1.08	1.07	1.00	mg/L	108	107	1 %
		Calcium	EPA 200.7	1008263-005	2.03	12.4	12.4	10.0	mg/L	104	104	<1%
		Chromium	EPA 200.7	1008263-005	<0.005	1.06	1.06	1.00	mg/L	106	106	<1%
		Cobalt	EPA 200.7	1008263-005	<0.010	1.09	1.09	1.00	mg/L	108	108	<1%
		Copper	EPA 200.7	1008263-005	0.159	5.69	5.66	5.00	mg/L	111	110	1 %
		Gallium	EPA 200.7	1008263-005	<0.100	1.14	1.12	1.00	mg/L	114	112	2 %
		Iron	EPA 200.7	1008263-005	2.69	3.65	3.69	1.00	mg/L	96	100	1 %
		Lithium	EPA 200.7	1008263-005	<0.100	1.10	1.10	1.00	mg/L	110	110	<1%
		Magnesium	EPA 200.7	1008263-005	<0.500	10.8	10.8	10.0	mg/L	106	106	<1%
		Manganese	EPA 200.7	1008263-005	0.029	1.10	1.10	1.00	mg/L	107	107	<1%
		Molybdenum	EPA 200.7	1008263-005	<0.010	1.05	1.04	1.00	mg/L	105	104	1 %
		Nickel	EPA 200.7	1008263-005	<0.010	5.39	5.37	5.00	mg/L	108	107	<1%
		Phosphorus	EPA 200.7	1008263-005	<0.500	5.46	5.37	5.00	mg/L	108	106	2 %
		Potassium	EPA 200.7	1008263-005	<0.500	11.5	11.5	10.0	mg/L	111	111	<1%
		Scandium	EPA 200.7	1008263-005	<0.100	1.09	1.09	1.00	mg/L	109	109	<1%
		Silver	EPA 200.7	1008263-005	<0.005	0.099	0.099	0.090	mg/L	108	109	<1%
		Sodium	EPA 200.7	1008263-005	<0.500	11.3	11.3	10.0	mg/L	111	111	<1%
		Strontium	EPA 200.7	1008263-005	<0.100	1.10	1.10	1.00	mg/L	110	110	<1%
		Tin	EPA 200.7	1008263-005	<0.100	1.05	1.02	1.00	mg/L	106	103	3 %
		Titanium	EPA 200.7	1008263-005	<0.100	1.08	1.08	1.00	mg/L	108	108	<1%
		Vanadium	EPA 200.7	1008263-005	<0.010	1.08	1.08	1.00	mg/L	108	108	<1%
		Zinc	EPA 200.7	1008263-005	0.016	1.12	1.10	1.00	mg/L	110	108	2 %
QC1008508	MS 1	Aluminum	EPA 200.7	1008263-006	0.075	1.17	1.15	1.00	mg/L	110	108	2 %
		Barium	EPA 200.7	1008263-006	<0.010	1.11	1.09	1.00	mg/L	111	109	2 %
		Beryllium	EPA 200.7	1008263-006	<0.001	1.08	1.07	1.00	mg/L	108	107	1 %
		Bismuth	EPA 200.7	1008263-006	<0.100	1.11	1.09	1.00	mg/L	110	108	2 %
		Boron	EPA 200.7	1008263-006	<0.100	1.11	1.09	1.00	mg/L	109	107	2 %
		Cadmium	EPA 200.7	1008263-006	<0.001	1.13	1.09	1.00	mg/L	113	109	4 %
		Calcium	EPA 200.7	1008263-006	11.5	22.7	22.3	10.0	mg/L	112	108	2 %
		Chromium	EPA 200.7	1008263-006	<0.005	1.09	1.07	1.00	mg/L	109	107	2 %
		Cobalt	EPA 200.7	1008263-006	<0.010	1.11	1.09	1.00	mg/L	111	109	2 %
		Copper	EPA 200.7	1008263-006	<0.050	5.52	5.47	5.00	mg/L	110	109	1 %
		Gallium	EPA 200.7	1008263-006	<0.100	1.16	1.14	1.00	mg/L	116	114	2 %
		Iron	EPA 200.7	1008263-006	<0.010	1.10	1.08	1.00	mg/L	109	107	2 %
		Lithium	EPA 200.7	1008263-006	<0.100	1.06	1.05	1.00	mg/L	105	104	1 %
		Magnesium	EPA 200.7	1008263-006	2.83	13.7	13.4	10.0	mg/L	109	106	2 %
		Manganese	EPA 200.7	1008263-006	0.117	1.20	1.18	1.00	mg/L	108	106	2 %
		Molybdenum	EPA 200.7	1008263-006	<0.010	1.08	1.08	1.00	mg/L	108	108	<1%
		Nickel	EPA 200.7	1008263-006	<0.010	5.50	5.37	5.00	mg/L	110	107	2 %
		Phosphorus	EPA 200.7	1008263-006	<0.500	5.73	5.59	5.00	mg/L	113	110	2 %
		Potassium	EPA 200.7	1008263-006	1.15	12.2	12.0	10.0	mg/L	110	108	2 %
		Scandium	EPA 200.7	1008263-006	<0.100	1.09	1.08	1.00	mg/L	109	108	1 %
		Silver	EPA 200.7	1008263-006	<0.005	0.099	0.097	0.090	mg/L	110	107	2 %
		Sodium	EPA 200.7	1008263-006	3.20	13.8	13.7	10.0	mg/L	106	105	1 %
		Strontium	EPA 200.7	1008263-006	<0.100	1.13	1.10	1.00	mg/L	109	106	3 %
		Tin	EPA 200.7	1008263-006	<0.100	1.02	1.01	1.00	mg/L	109	108	1 %
		Titanium	EPA 200.7	1008263-006	<0.100	1.09	1.09	1.00	mg/L	109	109	<1%
		Vanadium	EPA 200.7	1008263-006	<0.010	1.12	1.10	1.00	mg/L	111	109	2 %
		Zinc	EPA 200.7	1008263-006	0.012	1.17	1.13	1.00	mg/L	116	112	3 %
QC1008508	MS 1	Mercury	EPA 200.8	1008263-001	<0.000100	0.000874	0.000902	0.001	mg/L	87	90	3 %
		Antimony	EPA 200.8	1008263-001	<0.0025	0.0100	0.0100	0.010	mg/L	100	100	<1%
		Arsenic	EPA 200.8	1008263-001	<0.0050	0.0512	0.0526	0.050	mg/L	99	102	3 %
		Lead	EPA 200.8	1008263-001	<0.0025	0.0089	0.0092	0.010	mg/L	83	86	3 %
		Selenium	EPA 200.8	1008263-001	0.0121	0.0620	0.0635	0.050	mg/L	100	103	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008509	MS 1	Thallium	EPA 200.8	1008263-001	<0.0010	0.0080	0.0081	0.010	mg/L	78	80	1 %
		Uranium	EPA 200.8	1008263-001	0.0284	0.0403	0.0401	0.010	mg/L	119	118	<1%
		Mercury	EPA 200.8	1008263-002	<0.000100	0.001037	0.001069	0.001	mg/L	104	107	3 %
		Antimony	EPA 200.8	1008263-002	<0.0025	0.0096	0.0099	0.010	mg/L	96	99	3 %
		Arsenic	EPA 200.8	1008263-002	<0.0050	0.0491	0.0514	0.050	mg/L	98	103	5 %
		Lead	EPA 200.8	1008263-002	<0.0025	0.0104	0.0104	0.010	mg/L	104	104	<1%
		Selenium	EPA 200.8	1008263-002	<0.0050	0.0467	0.0497	0.050	mg/L	93	99	6 %
		Thallium	EPA 200.8	1008263-002	<0.0010	0.0096	0.0098	0.010	mg/L	96	98	2 %
QC1008510	MS 1	Uranium	EPA 200.8	1008263-002	<0.0100	0.0124	0.0124	0.010	mg/L	102	102	<1%
		Mercury	EPA 200.8	1008263-003	<0.000100	0.001011	0.001066	0.001	mg/L	101	107	5 %
		Antimony	EPA 200.8	1008263-003	<0.0025	0.0097	0.0098	0.010	mg/L	97	98	1 %
		Arsenic	EPA 200.8	1008263-003	<0.0050	0.0502	0.0511	0.050	mg/L	100	102	2 %
		Lead	EPA 200.8	1008263-003	<0.0025	0.0101	0.0101	0.010	mg/L	101	101	<1%
		Selenium	EPA 200.8	1008263-003	<0.0050	0.0501	0.0520	0.050	mg/L	100	104	4 %
		Thallium	EPA 200.8	1008263-003	<0.0010	0.0095	0.0096	0.010	mg/L	95	96	1 %
		Uranium	EPA 200.8	1008263-003	<0.0100	0.0107	0.0110	0.010	mg/L	94	97	3 %
QC1008547	MS 1	Mercury	EPA 200.8	1008263-004	<0.000100	0.001059	0.001075	0.001	mg/L	106	108	1 %
		Antimony	EPA 200.8	1008263-004	<0.0025	0.0097	0.0096	0.010	mg/L	97	96	1 %
		Arsenic	EPA 200.8	1008263-004	<0.0050	0.0491	0.0488	0.050	mg/L	98	98	1 %
		Lead	EPA 200.8	1008263-004	<0.0025	0.0102	0.0103	0.010	mg/L	102	103	1 %
		Selenium	EPA 200.8	1008263-004	<0.0050	0.0482	0.0478	0.050	mg/L	96	96	1 %
		Thallium	EPA 200.8	1008263-004	<0.0010	0.0097	0.0094	0.010	mg/L	97	94	3 %
		Uranium	EPA 200.8	1008263-004	<0.0100	0.0126	0.0125	0.010	mg/L	96	95	1 %
		Mercury	EPA 200.8	1008263-005	<0.000100	0.001012	0.001054	0.001	mg/L	101	105	4 %
QC1008548	MS 1	Antimony	EPA 200.8	1008263-005	<0.0025	0.0090	0.0092	0.010	mg/L	90	92	2 %
		Arsenic	EPA 200.8	1008263-005	<0.0050	0.0468	0.0480	0.050	mg/L	94	96	3 %
		Lead	EPA 200.8	1008263-005	<0.0025	0.0097	0.0099	0.010	mg/L	97	99	2 %
		Selenium	EPA 200.8	1008263-005	<0.0050	0.0442	0.0457	0.050	mg/L	88	91	3 %
		Thallium	EPA 200.8	1008263-005	<0.0010	0.0092	0.0090	0.010	mg/L	92	90	2 %
		Uranium	EPA 200.8	1008263-005	<0.0100	0.0139	0.0138	0.010	mg/L	90	89	1 %
		Mercury	EPA 200.8	1008263-006	<0.000100	0.000998	0.001031	0.001	mg/L	100	103	3 %
		Antimony	EPA 200.8	1008263-006	<0.0025	0.0091	0.0094	0.010	mg/L	91	94	3 %
QC1008550	MS 1	Arsenic	EPA 200.8	1008263-006	<0.0050	0.0460	0.0488	0.050	mg/L	92	98	6 %
		Lead	EPA 200.8	1008263-006	<0.0025	0.0093	0.0094	0.010	mg/L	93	94	1 %
		Selenium	EPA 200.8	1008263-006	<0.0050	0.0437	0.0462	0.050	mg/L	87	92	6 %
		Thallium	EPA 200.8	1008263-006	<0.0010	0.0088	0.0093	0.010	mg/L	88	93	6 %
		Uranium	EPA 200.8	1008263-006	<0.0100	0.0100	0.0104	0.010	mg/L	91	95	4 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

9/2/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008272

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/16/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008272

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1008272-003 Cadmium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 9/2/2010

OrderID: 1008272

Customer Sample ID: SRK 0864 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-001

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.18	pH Units		8/16/2010
Bicarbonate (HCO3)	SM 2320B	6.4	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Total Alkalinity	SM 2320B	5.2	mg/L as CaCO3	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Fluoride	EPA 300.0	<0.10	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	2.9	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Calcium	EPA 200.7	2.5	mg/L	0.50	9/1/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	0.012	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	0.0069	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010

Customer Sample ID: SRK 0864 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-001

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	0.82	mg/L	0.50	9/1/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	0.17	meq/L	0.10	
Cations	Calculation	0.16	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: SRK 0866 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-002

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.92	pH Units		8/16/2010
Bicarbonate (HCO3)	SM 2320B	3.6	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Total Alkalinity	SM 2320B	3.0	mg/L as CaCO3	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Fluoride	EPA 300.0	<0.10	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	1.8	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	18	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010

Customer Sample ID: SRK 0866 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-002

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	1.3	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	0.020	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	0.0086	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	<0.10	meq/L	0.10	
Cations	Calculation	<0.10	meq/L	0.10	
Error	Calculation	NA	%	1.0	

Customer Sample ID: SRK 0867 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-003

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.84	pH Units		8/16/2010
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010

Customer Sample ID: SRK 0867 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-003

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Fluoride	EPA 300.0	1.6	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	130	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	8/18/2010
Aluminum	EPA 200.7	1.6	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	0.0012	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Calcium	EPA 200.7	23	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	0.033	mg/L	0.010	8/20/2010
Copper	EPA 200.7	17	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	1.3	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	3.8	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	1.2	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	0.069	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	1.0	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	0.12	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010

Customer Sample ID: SRK 0867 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-003

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.79	meq/L	0.10	
Cations	Calculation	2.32	meq/L	0.10	
Error	Calculation	9.3	%	1.0	

Customer Sample ID: SRK 0868 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-004

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.48	pH Units		8/16/2010
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Fluoride	EPA 300.0	0.88	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	130	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	8/18/2010
Aluminum	EPA 200.7	0.28	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	0.0022	mg/L	0.0010	8/20/2010
Calcium	EPA 200.7	40	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Copper	EPA 200.7	1.5	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	3.2	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	0.20	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	1.9	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010

Customer Sample ID: SRK 0868 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-004

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	1.3	mg/L	0.50	8/20/2010
Strontium	EPA 200.7	0.15	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	0.12	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	2.75	meq/L	0.10	
Cations	Calculation	2.45	meq/L	0.10	
Error	Calculation	5.7	%	1.0	

Customer Sample ID: SRK 0870 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-005

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.96	pH Units		8/16/2010
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Fluoride	EPA 300.0	1.1	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	130	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	8/18/2010
Aluminum	EPA 200.7	1.2	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	0.0045	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	0.015	mg/L	0.0010	8/20/2010
Calcium	EPA 200.7	24	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010

Customer Sample ID: SRK 0870 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-005

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	0.048	mg/L	0.010	8/20/2010
Copper	EPA 200.7	8.6	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	0.041	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	6.6	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	1.3	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	0.039	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	0.77	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	1.8	mg/L	0.50	8/20/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	0.26	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	2.76	meq/L	0.10	
Cations	Calculation	2.30	meq/L	0.10	
Error	Calculation	9.2	%	1.0	

Customer Sample ID: SRK 0871 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-006

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.91	Q	pH Units	8/16/2010
Bicarbonate (HCO3)	SM 2320B	4.2	mg/L	1.0	8/16/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/16/2010
Total Alkalinity	SM 2320B	3.4	mg/L as CaCO3	1.0	8/16/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/17/2010

Customer Sample ID: SRK 0871 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-006

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	<0.10	mg/L	0.10	8/17/2010
Sulfate	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/17/2010
Nitrite Nitrogen	EPA 300.0	0.071	mg/L	0.025	8/17/2010
Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/20/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/20/2010
Calcium	EPA 200.7	0.58	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	1.3	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	<0.10	meq/L	0.10	
Cations	Calculation	<0.10	meq/L	0.10	

Customer Sample ID: SRK 0871 MWMP

Collect Date/Time: 8/16/2010 09:00

WETLAB Sample ID: 1008272-006

Receive Date: 8/16/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	NA	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008475	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008475	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008475	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008476	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008476	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008476	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008478	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008478	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008478	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008479	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008479	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008479	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008482	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008482	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008482	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008565	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008565	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008587	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008616	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Uranium	EPA 200.8	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC1008445	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC1008446	LCS 1	Alkalinity	SM 2320B	96.5	100	96	mg/L	
QC1008475	LCS 1	Fluoride	EPA 300.0	2.04	2.00	102	mg/L	
QC1008476	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L	
QC1008478	LCS 1	Nitrite Nitrogen	EPA 300.0	0.540	0.500	108	mg/L	
QC1008479	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L	
QC1008482	LCS 1	Sulfate	EPA 300.0	25.8	25.0	103	mg/L	
QC1008565	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC1008565	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC1008587	LCS 1	Aluminum	EPA 200.7	1.00	1.00	100	mg/L	
		Barium	EPA 200.7	0.989	1.00	99	mg/L	
		Beryllium	EPA 200.7	0.991	1.00	99	mg/L	
		Bismuth	EPA 200.7	1.01	1.00	101	mg/L	
		Boron	EPA 200.7	0.964	1.00	96	mg/L	
		Cadmium	EPA 200.7	0.988	1.00	99	mg/L	
		Calcium	EPA 200.7	9.95	10.0	100	mg/L	
		Chromium	EPA 200.7	0.973	1.00	97	mg/L	
		Cobalt	EPA 200.7	0.987	1.00	99	mg/L	
		Copper	EPA 200.7	4.94	5.00	99	mg/L	
		Gallium	EPA 200.7	0.996	1.00	100	mg/L	
		Iron	EPA 200.7	1.00	1.00	100	mg/L	
		Lithium	EPA 200.7	0.995	1.00	100	mg/L	
		Magnesium	EPA 200.7	9.96	10.0	100	mg/L	
		Manganese	EPA 200.7	0.987	1.00	99	mg/L	
		Molybdenum	EPA 200.7	0.962	1.00	96	mg/L	
		Nickel	EPA 200.7	4.92	5.00	98	mg/L	
		Phosphorus	EPA 200.7	4.81	5.00	96	mg/L	
		Potassium	EPA 200.7	10.1	10.0	101	mg/L	
		Scandium	EPA 200.7	0.995	1.00	100	mg/L	
		Silver	EPA 200.7	0.090	0.090	100	mg/L	
		Sodium	EPA 200.7	9.90	10.0	99	mg/L	
		Strontium	EPA 200.7	0.991	1.00	99	mg/L	
		Tin	EPA 200.7	0.959	1.00	96	mg/L	
		Titanium	EPA 200.7	1.00	1.00	100	mg/L	
		Vanadium	EPA 200.7	0.984	1.00	98	mg/L	
		Zinc	EPA 200.7	0.990	1.00	99	mg/L	
QC1008616	LCS 1	Mercury	EPA 200.8	0.000964	0.001	96	mg/L	
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L	
		Arsenic	EPA 200.8	0.0546	0.050	109	mg/L	
		Lead	EPA 200.8	0.0104	0.010	104	mg/L	
		Selenium	EPA 200.8	0.0517	0.050	103	mg/L	
		Thallium	EPA 200.8	0.0105	0.010	105	mg/L	
		Uranium	EPA 200.8	0.0105	0.010	105	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008445	Duplicate 1	pH	SM 4500-H+ B	1008266-001	7.96	7.96	pH Units	<1%
QC1008445	Duplicate 2	pH	SM 4500-H+ B	1008272-006	6.91	6.77	pH Units	2 %
QC1008446	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008266-001	52.8	51.9	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1008266-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008266-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008266-001	43.3	42.6	mg/L as CaCO3	2 %
QC1008446	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1008272-006	4.21	3.94	mg/L	7 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD			
QC1008565	Duplicate 1	Carbonate (CO3)	SM 2320B	1008272-006	<1.000	<1.000	mg/L	<1%			
QC1008565	Duplicate 1	Hydroxide (OH)	SM 2320B	1008272-006	<1.000	<1.000	mg/L	<1%			
QC1008565	Duplicate 1	Total Alkalinity	SM 2320B	1008272-006	3.45	3.23	mg/L as CaCO3	7 %			
QC1008565	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008272-001	<10.00	<10.0	mg/L	35 %			
QC1008565	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008273-003	47.0	44.0	mg/L	7 %			
QC1008565	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008273-013	53.0	48.0	mg/L	10 %			
QC1008565	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008282-001	420	404	mg/L	4 %			
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Value	MS % Rec.			
							Units	MSD % Rec.			
QC1008475	MS 1	Fluoride	EPA 300.0	1008272-002	<0.100	1.89	2.08	mg/L	91	101	10 %
QC1008475	MS 2	Fluoride	EPA 300.0	1008272-006	<0.100	2.42	2.18	mg/L	118	106	10 %
QC1008476	MS 1	Chloride	EPA 300.0	1008272-002	<1.000	5.19	5.35	mg/L	102	105	3 %
QC1008476	MS 2	Chloride	EPA 300.0	1008272-006	<1.000	5.20	5.27	mg/L	102	103	1 %
QC1008478	MS 1	Nitrite Nitrogen	EPA 300.0	1008272-002	<0.025	0.513	0.504	mg/L	101	99	2 %
QC1008478	MS 2	Nitrite Nitrogen	EPA 300.0	1008272-006	0.071	0.555	0.555	mg/L	97	97	<1%
QC1008479	MS 1	Nitrate Nitrogen	EPA 300.0	1008272-002	<1.000	2.03	2.09	mg/L	97	100	3 %
QC1008479	MS 2	Nitrate Nitrogen	EPA 300.0	1008272-006	<1.000	2.15	2.18	mg/L	98	100	1 %
QC1008482	MS 1	Sulfate	EPA 300.0	1008272-002	1.75	12.0	12.3	mg/L	103	106	2 %
QC1008482	MS 2	Sulfate	EPA 300.0	1008272-006	<1.000	11.7	11.4	mg/L	110	107	3 %
QC1008587	MS 1	Aluminum	EPA 200.7	1008272-001	<0.045	1.02	1.02	mg/L	99	99	<1%
QC1008587		Barium	EPA 200.7	1008272-001	<0.010	1.02	1.01	mg/L	102	101	1 %
QC1008587		Beryllium	EPA 200.7	1008272-001	<0.001	0.995	1.01	mg/L	99	101	1 %
QC1008587		Bismuth	EPA 200.7	1008272-001	<0.100	1.02	1.03	mg/L	99	99	<1%
QC1008587		Boron	EPA 200.7	1008272-001	<0.100	1.00	1.00	mg/L	99	99	<1%
QC1008587		Cadmium	EPA 200.7	1008272-001	<0.001	1.02	1.02	mg/L	102	102	<1%
QC1008587		Calcium	EPA 200.7	1008272-001	2.20	12.4	12.4	mg/L	102	102	<1%
QC1008587		Chromium	EPA 200.7	1008272-001	<0.005	0.994	0.994	mg/L	99	99	<1%
QC1008587		Cobalt	EPA 200.7	1008272-001	<0.010	1.01	1.00	mg/L	101	100	1 %
QC1008587		Copper	EPA 200.7	1008272-001	<0.050	4.95	5.00	mg/L	99	100	1 %
QC1008587		Gallium	EPA 200.7	1008272-001	<0.100	1.00	1.01	mg/L	100	101	1 %
QC1008587		Iron	EPA 200.7	1008272-001	0.012	1.03	1.03	mg/L	102	102	<1%
QC1008587		Lithium	EPA 200.7	1008272-001	<0.100	0.990	1.00	mg/L	99	100	1 %
QC1008587		Magnesium	EPA 200.7	1008272-001	<0.500	10.5	10.5	mg/L	102	102	<1%
QC1008587		Manganese	EPA 200.7	1008272-001	0.007	0.998	0.992	mg/L	99	99	1 %
QC1008587		Molybdenum	EPA 200.7	1008272-001	<0.010	0.987	1.00	mg/L	99	100	1 %
QC1008587		Nickel	EPA 200.7	1008272-001	<0.010	5.02	5.01	mg/L	100	100	<1%
QC1008587		Phosphorus	EPA 200.7	1008272-001	<0.500	5.03	5.10	mg/L	100	101	1 %
QC1008587		Potassium	EPA 200.7	1008272-001	<0.500	10.5	10.6	mg/L	100	101	1 %
QC1008587		Scandium	EPA 200.7	1008272-001	<0.100	0.998	1.01	mg/L	100	101	1 %
QC1008587		Silver	EPA 200.7	1008272-001	<0.005	0.091	0.091	mg/L	101	100	<1%
QC1008587		Sodium	EPA 200.7	1008272-001	0.825	10.6	10.6	mg/L	101	101	<1%
QC1008587		Strontium	EPA 200.7	1008272-001	<0.100	1.01	1.03	mg/L	100	102	2 %
QC1008587		Tin	EPA 200.7	1008272-001	<0.100	0.979	0.973	mg/L	100	99	1 %
QC1008587		Titanium	EPA 200.7	1008272-001	<0.100	1.02	1.03	mg/L	102	103	1 %
QC1008587		Vanadium	EPA 200.7	1008272-001	<0.010	1.01	1.01	mg/L	102	101	<1%
QC1008587		Zinc	EPA 200.7	1008272-001	<0.010	1.01	1.02	mg/L	101	101	1 %
QC1008616	MS 1	Mercury	EPA 200.8	1008272-001	<0.000100	0.001123	0.001129	mg/L	112	113	1 %
QC1008616		Antimony	EPA 200.8	1008272-001	<0.0025	0.0105	0.0102	mg/L	105	101	3 %
QC1008616		Arsenic	EPA 200.8	1008272-001	<0.0050	0.0535	0.0525	mg/L	107	105	2 %
QC1008616		Lead	EPA 200.8	1008272-001	<0.0025	0.0105	0.0103	mg/L	105	103	2 %
QC1008616		Selenium	EPA 200.8	1008272-001	<0.0050	0.0502	0.0501	mg/L	100	100	<1%
QC1008616		Thallium	EPA 200.8	1008272-001	<0.0010	0.0105	0.0104	mg/L	105	104	1 %
QC1008616		Uranium	EPA 200.8	1008272-001	<0.0100	0.0106	0.0103	mg/L	106	103	3 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

3438- Profile II w/o WAD

8/30/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008288

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/17/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008288

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 8/30/2010
OrderID: 1008288

Customer Sample ID: SRK 0872 MWMP
WETLAB Sample ID: 1008288-001

Collect Date/Time: 8/17/2010 09:00
Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.05	pH Units		8/17/2010
Acidity (Titrimetric)	SM 2310B	200	mg/L as CaCO ₃		8/17/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Fluoride	EPA 300.0	0.53	mg/L	0.10	8/18/2010
Sulfate	EPA 300.0	570	mg/L	100	8/18/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	810	mg/L	10	8/18/2010
Aluminum	EPA 200.7	17	mg/L	0.045	8/20/2010
Barium	EPA 200.7	0.021	mg/L	0.010	8/20/2010
Beryllium	EPA 200.7	0.0052	mg/L	0.0010	8/20/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Cadmium	EPA 200.7	0.0037	mg/L	0.0010	8/20/2010
Calcium	EPA 200.7	120	mg/L	0.50	8/20/2010
Chromium	EPA 200.7	0.0071	mg/L	0.0050	8/20/2010
Cobalt	EPA 200.7	0.046	mg/L	0.010	8/20/2010
Copper	EPA 200.7	5.6	mg/L	0.050	8/20/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Iron	EPA 200.7	9.6	mg/L	0.010	8/20/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Magnesium	EPA 200.7	4.7	mg/L	0.50	8/20/2010
Manganese	EPA 200.7	0.92	mg/L	0.0050	8/20/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Nickel	EPA 200.7	0.011	mg/L	0.010	8/20/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Potassium	EPA 200.7	<0.50	mg/L	0.50	8/20/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/20/2010
Sodium	EPA 200.7	0.80	mg/L	0.50	8/20/2010

Customer Sample ID: SRK 0872 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-001

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/20/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/20/2010
Zinc	EPA 200.7	0.31	mg/L	0.010	8/20/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	0.058	mg/L	0.010	8/23/2010
Anions	Calculation	11.9	meq/L	0.10	8/30/2010
Cations	Calculation	11.1	meq/L	0.10	8/30/2010
Error	Calculation	3.6	%	1.0	8/30/2010

Customer Sample ID: SRK 0873 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-002

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.53	pH Units		8/17/2010
Bicarbonate (HCO ₃)	SM 2320B	25	mg/L	1.0	8/17/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Total Alkalinity	SM 2320B	20	mg/L as CaCO ₃	1.0	8/17/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Fluoride	EPA 300.0	<0.10	mg/L	0.10	8/18/2010
Sulfate	EPA 300.0	27	mg/L	1.0	8/18/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	65	mg/L	10	8/18/2010
Aluminum	EPA 200.7	0.10	mg/L	0.045	8/23/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Calcium	EPA 200.7	17	mg/L	0.50	8/23/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/23/2010

Customer Sample ID: SRK 0873 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-002

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	<0.050	mg/L	0.050	8/23/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Magnesium	EPA 200.7	0.87	mg/L	0.50	8/23/2010
Manganese	EPA 200.7	0.013	mg/L	0.0050	8/23/2010
Molybdenum	EPA 200.7	0.069	mg/L	0.010	8/23/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/23/2010
Potassium	EPA 200.7	2.4	mg/L	0.50	8/23/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Sodium	EPA 200.7	0.75	mg/L	0.50	8/23/2010
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	0.97	meq/L	0.10	8/30/2010
Cations	Calculation	1.03	meq/L	0.10	8/30/2010
Error	Calculation	2.7	%	1.0	8/30/2010

Customer Sample ID: SRK 0876 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-003

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.82	pH Units		8/17/2010
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	8/17/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	8/17/2010
Chloride	EPA 300.0	28	mg/L	5.0	8/18/2010
Fluoride	EPA 300.0	4.2	mg/L	0.25	8/18/2010

Customer Sample ID: SRK 0876 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-003

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	2400	mg/L	100	8/18/2010
Nitrate Nitrogen	EPA 300.0	42	mg/L	5.0	8/18/2010
Nitrite Nitrogen	EPA 300.0	0.59	mg/L	0.12	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	3900	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/23/2010
Barium	EPA 200.7	0.056	mg/L	0.010	8/23/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Calcium	EPA 200.7	560	mg/L	0.50	8/23/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Cobalt	EPA 200.7	0.010	mg/L	0.010	8/23/2010
Copper	EPA 200.7	0.58	mg/L	0.050	8/23/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Magnesium	EPA 200.7	180	mg/L	0.50	8/23/2010
Manganese	EPA 200.7	0.18	mg/L	0.0050	8/23/2010
Molybdenum	EPA 200.7	3.5	mg/L	0.010	8/23/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/23/2010
Potassium	EPA 200.7	280	mg/L	0.50	8/23/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Sodium	EPA 200.7	59	mg/L	0.50	8/23/2010
Strontium	EPA 200.7	4.0	mg/L	0.10	8/23/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Vanadium	EPA 200.7	0.083	mg/L	0.010	8/23/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	0.011	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	0.19	mg/L	0.050	8/27/2010
Anions	Calculation	56.1	meq/L	0.10	8/30/2010
Cations	Calculation	52.5	meq/L	0.10	8/30/2010
Error	Calculation	3.3	%	1.0	8/30/2010

Customer Sample ID: SRK 0876 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-003

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0878 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-004

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.18	pH Units		8/17/2010
Bicarbonate (HCO ₃)	SM 2320B	160	mg/L	1.0	8/17/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	8/17/2010
Chloride	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Fluoride	EPA 300.0	0.71	mg/L	0.10	8/18/2010
Sulfate	EPA 300.0	3.5	mg/L	1.0	8/18/2010
Nitrate Nitrogen	EPA 300.0	1.6	mg/L	1.0	8/18/2010
Nitrite Nitrogen	EPA 300.0	0.28	mg/L	0.025	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/23/2010
Barium	EPA 200.7	0.077	mg/L	0.010	8/23/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Calcium	EPA 200.7	43	mg/L	0.50	8/23/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/23/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Magnesium	EPA 200.7	9.4	mg/L	0.50	8/23/2010
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/23/2010
Potassium	EPA 200.7	5.0	mg/L	0.50	8/23/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Sodium	EPA 200.7	4.0	mg/L	0.50	8/23/2010
Strontium	EPA 200.7	0.70	mg/L	0.10	8/23/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/23/2010

Customer Sample ID: SRK 0878 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-004

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Vanadium	EPA 200.7	0.043	mg/L	0.010	8/23/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	0.0095	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/23/2010
Anions	Calculation	2.85	meq/L	0.10	8/30/2010
Cations	Calculation	3.22	meq/L	0.10	8/30/2010
Error	Calculation	6.2	%	1.0	8/30/2010

Customer Sample ID: 604811 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-005

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.24	pH Units		8/17/2010
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	8/17/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Total Alkalinity	SM 2320B	99	mg/L as CaCO ₃	1.0	8/17/2010
Chloride	EPA 300.0	15	mg/L	1.0	8/18/2010
Fluoride	EPA 300.0	4.6	mg/L	0.10	8/18/2010
Sulfate	EPA 300.0	190	mg/L	1.0	8/18/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/18/2010
Nitrite Nitrogen	EPA 300.0	0.45	mg/L	0.025	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	490	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/23/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Boron	EPA 200.7	0.15	mg/L	0.10	8/23/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Calcium	EPA 200.7	82	mg/L	0.50	8/23/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/23/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010

Customer Sample ID: 604811 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-005

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Magnesium	EPA 200.7	15	mg/L	0.50	8/23/2010
Manganese	EPA 200.7	0.011	mg/L	0.0050	8/23/2010
Molybdenum	EPA 200.7	0.081	mg/L	0.010	8/23/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/23/2010
Potassium	EPA 200.7	16	mg/L	0.50	8/23/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Sodium	EPA 200.7	40	mg/L	0.50	8/23/2010
Strontium	EPA 200.7	1.2	mg/L	0.10	8/23/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Vanadium	EPA 200.7	0.022	mg/L	0.010	8/23/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Mercury	EPA 200.8	0.00052	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	0.0026	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	0.010	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	0.025	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	0.085	mg/L	0.010	8/23/2010
Anions	Calculation	6.59	meq/L	0.10	8/30/2010
Cations	Calculation	7.48	meq/L	0.10	8/30/2010
Error	Calculation	6.3	%	1.0	8/30/2010

Customer Sample ID: 605218 MWMP

Collect Date/Time: 8/17/2010 09:00

WETLAB Sample ID: 1008288-006

Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.15	pH Units		8/17/2010
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/17/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/17/2010
Total Alkalinity	SM 2320B	87	mg/L as CaCO3	1.0	8/17/2010
Chloride	EPA 300.0	34	mg/L	1.0	8/18/2010
Fluoride	EPA 300.0	6.4	mg/L	0.50	8/18/2010
Sulfate	EPA 300.0	330	mg/L	100	8/18/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/18/2010

Customer Sample ID: 605218 MWMP
 WETLAB Sample ID: 1008288-006

Collect Date/Time: 8/17/2010 09:00
 Receive Date: 8/17/2010 16:04

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	0.19	mg/L	0.025	8/18/2010
Total Dissolved Solids (TDS)	SM 2540C	700	mg/L	10	8/18/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/23/2010
Barium	EPA 200.7	0.060	mg/L	0.010	8/23/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Boron	EPA 200.7	0.27	mg/L	0.10	8/23/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/23/2010
Calcium	EPA 200.7	140	mg/L	0.50	8/23/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/23/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Magnesium	EPA 200.7	20	mg/L	0.50	8/23/2010
Manganese	EPA 200.7	0.072	mg/L	0.0050	8/23/2010
Molybdenum	EPA 200.7	0.14	mg/L	0.010	8/23/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/23/2010
Potassium	EPA 200.7	22	mg/L	0.50	8/23/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2010
Sodium	EPA 200.7	39	mg/L	0.50	8/23/2010
Strontium	EPA 200.7	2.0	mg/L	0.10	8/23/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/23/2010
Vanadium	EPA 200.7	0.028	mg/L	0.010	8/23/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/23/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/23/2010
Antimony	EPA 200.8	0.015	mg/L	0.0025	8/23/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/23/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/23/2010
Selenium	EPA 200.8	0.0061	mg/L	0.0050	8/23/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/23/2010
Uranium	EPA 200.8	0.044	mg/L	0.010	8/23/2010
Anions	Calculation	9.97	meq/L	0.10	8/30/2010
Cations	Calculation	10.9	meq/L	0.10	8/30/2010
Error	Calculation	4.4	%	1.0	8/30/2010

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008517	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008517	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008522	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008522	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008522	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008525	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008525	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008525	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008528	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008528	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008528	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008529	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008529	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008529	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008532	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008532	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008532	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008565	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008565	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008588	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008617	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
		Selenium	EPA 200.8	<0.0050	mg/L			
		Thallium	EPA 200.8	<0.0010	mg/L			
		Uranium	EPA 200.8	<0.010	mg/L			
QC1008470	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC1008470	LCS 2	pH	SM 4500-H+ B	7.03	7.00	100	pH Units	
QC1008470	LCS 3	pH	SM 4500-H+ B	7.03	7.00	100	pH Units	
QC1008472	LCS 1	Alkalinity	SM 2320B	93.0	100	93	mg/L	
QC1008472	LCS 2	Alkalinity	SM 2320B	94.3	100	94	mg/L	
QC1008517	LCS 1	Sulfate	EPA 300.0	5.32	5.00	106	mg/L	
QC1008522	LCS 1	Fluoride	EPA 300.0	1.96	2.00	98	mg/L	
QC1008525	LCS 1	Chloride	EPA 300.0	10.0	10.0	100	mg/L	
QC1008528	LCS 1	Nitrite Nitrogen	EPA 300.0	0.540	0.500	108	mg/L	
QC1008529	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L	
QC1008532	LCS 1	Sulfate	EPA 300.0	25.9	25.0	104	mg/L	
QC1008565	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC1008565	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC1008588	LCS 1	Aluminum	EPA 200.7	1.00	1.00	100	mg/L	
		Barium	EPA 200.7	0.989	1.00	99	mg/L	
		Beryllium	EPA 200.7	0.991	1.00	99	mg/L	
		Bismuth	EPA 200.7	1.01	1.00	101	mg/L	
		Boron	EPA 200.7	0.964	1.00	96	mg/L	
		Cadmium	EPA 200.7	0.988	1.00	99	mg/L	
		Calcium	EPA 200.7	9.95	10.0	100	mg/L	
		Chromium	EPA 200.7	0.973	1.00	97	mg/L	
		Cobalt	EPA 200.7	0.987	1.00	99	mg/L	
		Copper	EPA 200.7	4.94	5.00	99	mg/L	
		Gallium	EPA 200.7	0.996	1.00	100	mg/L	
		Iron	EPA 200.7	1.00	1.00	100	mg/L	
		Lithium	EPA 200.7	0.995	1.00	100	mg/L	
		Magnesium	EPA 200.7	9.96	10.0	100	mg/L	
		Manganese	EPA 200.7	0.987	1.00	99	mg/L	
		Molybdenum	EPA 200.7	0.962	1.00	96	mg/L	
		Nickel	EPA 200.7	4.92	5.00	98	mg/L	
		Phosphorus	EPA 200.7	4.81	5.00	96	mg/L	
		Potassium	EPA 200.7	10.1	10.0	101	mg/L	
		Scandium	EPA 200.7	0.995	1.00	100	mg/L	
		Silver	EPA 200.7	0.090	0.090	100	mg/L	
		Sodium	EPA 200.7	9.90	10.0	99	mg/L	
		Strontium	EPA 200.7	0.991	1.00	99	mg/L	
		Tin	EPA 200.7	0.959	1.00	96	mg/L	
		Titanium	EPA 200.7	1.00	1.00	100	mg/L	
		Vanadium	EPA 200.7	0.984	1.00	98	mg/L	
		Zinc	EPA 200.7	0.990	1.00	99	mg/L	
QC1008617	LCS 1	Mercury	EPA 200.8	0.000964	0.001	96	mg/L	
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L	
		Arsenic	EPA 200.8	0.0546	0.050	109	mg/L	
		Lead	EPA 200.8	0.0104	0.010	104	mg/L	
		Selenium	EPA 200.8	0.0517	0.050	103	mg/L	
		Thallium	EPA 200.8	0.0105	0.010	105	mg/L	
		Uranium	EPA 200.8	0.0105	0.010	105	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008470	Duplicate 1	pH	SM 4500-H+ B	1008288-002	7.53	7.63	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008470	Duplicate 2	pH	SM 4500-H+ B	1008289-005	8.11	8.07	pH Units	<1%
QC1008470	Duplicate 3	pH	SM 4500-H+ B	1008298-002	7.76	7.75	pH Units	<1%
QC1008470	Duplicate 4	pH	SM 4500-H+ B	1008298-012	7.53	7.49	pH Units	1 %
QC1008470	Duplicate 5	pH	SM 4500-H+ B	1008298-022	8.26	8.27	pH Units	<1%
QC1008472	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008288-002	24.9	25.6	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1008288-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008288-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008288-002	20.4	21.0	mg/L as CaCO3	2 %
QC1008472	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1008289-005	44.1	42.9	mg/L	3 %
		Carbonate (CO3)	SM 2320B	1008289-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008289-005	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008289-005	36.2	35.2	mg/L as CaCO3	3 %
QC1008472	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1008298-002	199	199	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1008298-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008298-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008298-002	163	163	mg/L as CaCO3	<1%
QC1008472	Duplicate 4	Bicarbonate (HCO3)	SM 2320B	1008298-012	154	153	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1008298-012	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008298-012	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008298-012	126	126	mg/L as CaCO3	<1%
QC1008565	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008272-001	<10.00	<10.0	mg/L	35 %
QC1008565	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008273-003	47.0	44.0	mg/L	7 %
QC1008565	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008273-013	53.0	48.0	mg/L	10 %
QC1008565	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008282-001	420	404	mg/L	4 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008517	MS 1	Sulfate	EPA 300.0	1008285-001	426	698	694	10.0	mg/L	109	107	1 %
QC1008522	MS 1	Fluoride	EPA 300.0	1008288-002	<0.100	2.14	2.22	2.00	mg/L	102	106	4 %
QC1008522	MS 2	Fluoride	EPA 300.0	1008289-003	<0.100	2.00	1.99	2.00	mg/L	95	95	1 %
QC1008525	MS 1	Chloride	EPA 300.0	1008288-002	<1.000	5.29	5.36	5.00	mg/L	101	102	1 %
QC1008525	MS 2	Chloride	EPA 300.0	1008289-003	5.30	10.3	10.4	5.00	mg/L	99	102	1 %
QC1008528	MS 1	Nitrite Nitrogen	EPA 300.0	1008288-001	<0.025	0.544	0.548	0.500	mg/L	105	106	1 %
QC1008528	MS 2	Nitrite Nitrogen	EPA 300.0	1008289-003	<0.025	0.534	0.548	0.500	mg/L	107	110	3 %
QC1008529	MS 1	Nitrate Nitrogen	EPA 300.0	1008288-001	<1.000	2.16	2.19	2.00	mg/L	96	98	1 %
QC1008529	MS 2	Nitrate Nitrogen	EPA 300.0	1008289-003	<1.000	1.91	1.96	2.00	mg/L	94	96	3 %
QC1008532	MS 1	Sulfate	EPA 300.0	1008288-002	26.8	35.9	36.0	10.0	mg/L	91	91	<1%
QC1008532	MS 2	Sulfate	EPA 300.0	1008289-003	6.86	16.8	17.0	10.0	mg/L	100	102	1 %
QC1008588	MS 1	Aluminum	EPA 200.7	1008288-001	17.1	18.1	18.2	1.00	mg/L	100	110	1 %
		Barium	EPA 200.7	1008288-001	0.021	0.949	0.962	1.00	mg/L	93	94	1 %
		Beryllium	EPA 200.7	1008288-001	0.005	0.963	0.962	1.00	mg/L	96	96	<1%
		Bismuth	EPA 200.7	1008288-001	<0.100	0.921	0.926	1.00	mg/L	96	96	1 %
		Boron	EPA 200.7	1008288-001	<0.100	0.922	0.944	1.00	mg/L	95	97	2 %
		Cadmium	EPA 200.7	1008288-001	0.004	0.942	0.956	1.00	mg/L	94	95	1 %
		Calcium	EPA 200.7	1008288-001	122	133	133	10.0	mg/L	110	110	<1%
		Chromium	EPA 200.7	1008288-001	0.007	0.924	0.942	1.00	mg/L	92	93	2 %
		Cobalt	EPA 200.7	1008288-001	0.046	0.975	0.991	1.00	mg/L	93	94	2 %
		Copper	EPA 200.7	1008288-001	5.63	11.2	11.2	5.00	mg/L	111	111	<1%
		Gallium	EPA 200.7	1008288-001	<0.100	0.869	0.901	1.00	mg/L	87	90	4 %
		Iron	EPA 200.7	1008288-001	9.55	10.5	10.4	1.00	mg/L	95	85	1 %
		Lithium	EPA 200.7	1008288-001	<0.100	1.11	1.10	1.00	mg/L	110	109	1 %
		Magnesium	EPA 200.7	1008288-001	4.66	13.9	13.9	10.0	mg/L	92	92	<1%
		Manganese	EPA 200.7	1008288-001	0.916	1.84	1.86	1.00	mg/L	92	94	1 %
		Molybdenum	EPA 200.7	1008288-001	<0.010	0.925	0.940	1.00	mg/L	93	95	2 %
		Nickel	EPA 200.7	1008288-001	0.011	4.70	4.78	5.00	mg/L	94	95	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008617	MS 1	Phosphorus	EPA 200.7	1008288-001	<0.500	4.74	4.75	5.00	mg/L	96	96	<1%
		Potassium	EPA 200.7	1008288-001	<0.500	10.8	10.8	10.0	mg/L	106	106	<1%
		Scandium	EPA 200.7	1008288-001	<0.100	0.958	0.961	1.00	mg/L	95	96	<1%
		Silver	EPA 200.7	1008288-001	<0.005	0.084	0.087	0.090	mg/L	96	99	4 %
		Sodium	EPA 200.7	1008288-001	0.804	11.5	11.5	10.0	mg/L	107	107	<1%
		Strontium	EPA 200.7	1008288-001	<0.100	1.05	1.06	1.00	mg/L	100	101	1 %
		Tin	EPA 200.7	1008288-001	<0.100	0.592	0.587	1.00	mg/L	96	95	1 %
		Titanium	EPA 200.7	1008288-001	<0.100	0.983	0.983	1.00	mg/L	98	98	<1%
		Vanadium	EPA 200.7	1008288-001	<0.010	0.961	0.979	1.00	mg/L	96	98	2 %
		Zinc	EPA 200.7	1008288-001	0.308	1.24	1.24	1.00	mg/L	93	93	<1%
		Mercury	EPA 200.8	1008288-001	<0.000100	0.000990	0.000988	0.001	mg/L	99	99	<1%
		Antimony	EPA 200.8	1008288-001	<0.0025	0.0105	0.0105	0.010	mg/L	105	105	<1%
		Arsenic	EPA 200.8	1008288-001	<0.0050	0.0547	0.0544	0.050	mg/L	109	109	1 %
		Lead	EPA 200.8	1008288-001	<0.0025	0.0101	0.0100	0.010	mg/L	101	100	1 %
		Selenium	EPA 200.8	1008288-001	<0.0050	0.0559	0.0525	0.050	mg/L	112	105	6 %
		Thallium	EPA 200.8	1008288-001	<0.0010	0.0095	0.0096	0.010	mg/L	95	96	1 %
		Uranium	EPA 200.8	1008288-001	0.0583	0.0668	0.0672	0.010	mg/L	85	89	1 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number **1008288**

Report

Due Date: **8/31**

Page **1** of **1**

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name **RJ**

Fax 775-356-8917

Project Name **3438**

P.O. Number

Project Number

Email mli@mettest.com

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water
WW = Wastewater
SW = Surface Water
MW = Monitoring Well

SD = Solid
SO = Soil
HW = Hazardous Waste
OTHER: _____

SRK 0872 MWMP

8/17/10

0900

WW

2

X

SRK 0873 MWMP

2

SRK 0876 MWMP

3

SRK 0878 MWMP

4

604811 MWMP

5

605218 MWMP

6

1008

288

Instructions/Comments/Special Requirements:

Temperature **12 °C**

8/17 4:05

J. Benson

J. Bodenup

Custody Seals Intact? Y N **None**

Number of Containers **22**

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

9/8/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008342

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/19/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008342

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 **Fax:** (775) 356-8917
PO\Project: 3438

Date Printed: 9/8/2010

OrderID: 1008342

Customer Sample ID: 605033 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-001

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.37	pH Units		8/19/2010
Bicarbonate (HCO3)	SM 2320B	99	mg/L	1.0	8/19/2010
Carbonate (CO3)	SM 2320B	1.4	mg/L	1.0	8/19/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/19/2010
Total Alkalinity	SM 2320B	83	mg/L as CaCO3	1.0	8/19/2010
Chloride	EPA 300.0	15	mg/L	1.0	8/20/2010
Fluoride	EPA 300.0	6.6	mg/L	0.50	8/20/2010
Sulfate	EPA 300.0	140	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/20/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/20/2010
Total Dissolved Solids (TDS)	SM 2540C	370	mg/L	10	8/24/2010
Aluminum	EPA 200.7	0.056	mg/L	0.045	8/27/2010
Barium	EPA 200.7	0.010	mg/L	0.010	8/27/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Boron	EPA 200.7	0.11	mg/L	0.10	8/27/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Calcium	EPA 200.7	53	mg/L	0.50	8/27/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/27/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Magnesium	EPA 200.7	7.8	mg/L	0.50	8/27/2010
Manganese	EPA 200.7	0.020	mg/L	0.0050	8/27/2010
Molybdenum	EPA 200.7	0.072	mg/L	0.010	8/27/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/27/2010
Potassium	EPA 200.7	25	mg/L	0.50	8/27/2010

Customer Sample ID: 605033 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-001

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Sodium	EPA 200.7	40	mg/L	0.50	8/27/2010
Strontium	EPA 200.7	0.59	mg/L	0.10	8/27/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Vanadium	EPA 200.7	0.015	mg/L	0.010	8/27/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/30/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/30/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/30/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/30/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/30/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/30/2010
Uranium	EPA 200.8	0.016	mg/L	0.010	8/31/2010
Anions	Calculation	5.35	meq/L	0.10	8/31/2010
Cations	Calculation	5.67	meq/L	0.10	8/31/2010
Error	Calculation	2.9	%	1.0	8/31/2010

Customer Sample ID: 605109 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-002

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.49	pH Units		8/19/2010
Bicarbonate (HCO3)	SM 2320B	100	mg/L	1.0	8/19/2010
Carbonate (CO3)	SM 2320B	2.5	mg/L	1.0	8/19/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/19/2010
Total Alkalinity	SM 2320B	87	mg/L as CaCO3	1.0	8/19/2010
Chloride	EPA 300.0	20	mg/L	1.0	8/20/2010
Fluoride	EPA 300.0	6.4	mg/L	0.50	8/20/2010
Sulfate	EPA 300.0	99	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/20/2010
Nitrite Nitrogen	EPA 300.0	0.063	mg/L	0.025	8/20/2010
Total Dissolved Solids (TDS)	SM 2540C	370	mg/L	10	8/24/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/27/2010
Barium	EPA 200.7	0.028	mg/L	0.010	8/27/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Boron	EPA 200.7	0.15	mg/L	0.10	8/27/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010

Customer Sample ID: 605109 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-002

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	29	mg/L	0.50	8/27/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/27/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Magnesium	EPA 200.7	5.6	mg/L	0.50	8/27/2010
Manganese	EPA 200.7	0.018	mg/L	0.0050	8/27/2010
Molybdenum	EPA 200.7	0.074	mg/L	0.010	8/27/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/27/2010
Potassium	EPA 200.7	28	mg/L	0.50	8/27/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Sodium	EPA 200.7	53	mg/L	0.50	8/27/2010
Strontium	EPA 200.7	1.2	mg/L	0.10	8/27/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Vanadium	EPA 200.7	0.011	mg/L	0.010	8/27/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/2/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.0062	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.014	mg/L	0.010	9/1/2010
Anions	Calculation	4.68	meq/L	0.10	8/31/2010
Cations	Calculation	4.93	meq/L	0.10	8/31/2010
Error	Calculation	2.6	%	1.0	8/31/2010

Customer Sample ID: 604787 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-003

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.28	pH Units		8/19/2010
Bicarbonate (HCO3)	SM 2320B	130	mg/L	1.0	8/19/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/19/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/19/2010

Customer Sample ID: 604787 MWMP
WETLAB Sample ID: 1008342-003

Collect Date/Time: 8/19/2010 09:00
Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	8/19/2010
Chloride	EPA 300.0	9.4	mg/L	1.0	8/20/2010
Fluoride	EPA 300.0	4.2	mg/L	0.10	8/20/2010
Sulfate	EPA 300.0	190	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/20/2010
Nitrite Nitrogen	EPA 300.0	0.19	mg/L	0.025	8/20/2010
Total Dissolved Solids (TDS)	SM 2540C	520	mg/L	10	8/24/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/27/2010
Barium	EPA 200.7	0.044	mg/L	0.010	8/27/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Calcium	EPA 200.7	85	mg/L	0.50	8/27/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/27/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Magnesium	EPA 200.7	12	mg/L	0.50	8/27/2010
Manganese	EPA 200.7	0.033	mg/L	0.0050	8/27/2010
Molybdenum	EPA 200.7	0.40	mg/L	0.010	8/27/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/27/2010
Potassium	EPA 200.7	11	mg/L	0.50	8/27/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Sodium	EPA 200.7	34	mg/L	0.50	8/27/2010
Strontium	EPA 200.7	0.74	mg/L	0.10	8/27/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Vanadium	EPA 200.7	0.015	mg/L	0.010	8/27/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Mercury	EPA 200.8	0.00047	mg/L	0.00010	9/2/2010
Antimony	EPA 200.8	0.0063	mg/L	0.0025	9/2/2010
Arsenic	EPA 200.8	0.0083	mg/L	0.0050	9/2/2010
Lead	EPA 200.8	<0.0005	mg/L	0.0005	9/3/2010
Selenium	EPA 200.8	0.017	mg/L	0.0050	9/2/2010
Thallium	EPA 200.8	<0.0020	mg/L	0.0020	9/3/2010
Uranium	EPA 200.8	0.11 SC	mg/L	0.020	9/3/2010

Customer Sample ID: 604787 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-003

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	6.57	meq/L	0.10	8/31/2010
Cations	Calculation	6.99	meq/L	0.10	8/31/2010
Error	Calculation	3.1	%	1.0	8/31/2010

Customer Sample ID: 604790 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-004

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.22	pH Units		8/19/2010
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/19/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/19/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/19/2010
Total Alkalinity	SM 2320B	91	mg/L as CaCO3	1.0	8/19/2010
Chloride	EPA 300.0	15	mg/L	1.0	8/20/2010
Fluoride	EPA 300.0	4.8	mg/L	0.10	8/20/2010
Sulfate	EPA 300.0	140	mg/L	1.0	8/20/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/20/2010
Nitrite Nitrogen	EPA 300.0	0.051	mg/L	0.025	8/20/2010
Total Dissolved Solids (TDS)	SM 2540C	440	mg/L	10	8/24/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/27/2010
Barium	EPA 200.7	0.040	mg/L	0.010	8/27/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/27/2010
Calcium	EPA 200.7	61	mg/L	0.50	8/27/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	8/27/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Magnesium	EPA 200.7	9.5	mg/L	0.50	8/27/2010
Manganese	EPA 200.7	0.026	mg/L	0.0050	8/27/2010
Molybdenum	EPA 200.7	0.11	mg/L	0.010	8/27/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/27/2010
Potassium	EPA 200.7	19	mg/L	0.50	8/27/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/27/2010

Customer Sample ID: 604790 MWMP

Collect Date/Time: 8/19/2010 09:00

WETLAB Sample ID: 1008342-004

Receive Date: 8/19/2010 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	34	mg/L	0.50	8/27/2010
Strontium	EPA 200.7	0.55	mg/L	0.10	8/27/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/27/2010
Vanadium	EPA 200.7	0.010	mg/L	0.010	8/27/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/27/2010
Mercury	EPA 200.8	0.00014	mg/L	0.00010	9/2/2010
Antimony	EPA 200.8	0.0034	mg/L	0.0025	9/2/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/2/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/3/2010
Selenium	EPA 200.8	0.015	mg/L	0.0050	9/2/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/3/2010
Uranium	EPA 200.8	0.081	mg/L	0.010	9/3/2010
Anions	Calculation	5.39	meq/L	0.10	8/31/2010
Cations	Calculation	5.79	meq/L	0.10	8/31/2010
Error	Calculation	3.6	%	1.0	8/31/2010

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008611	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008611	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008612	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008612	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008612	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008613	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008613	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008614	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008614	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008615	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008615	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008615	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008716	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008716	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008745	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008746	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008759	Blank 1	Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1008760	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008765	Blank 1	Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1009047	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1009048	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1009049	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008543	LCS 1	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1008543	LCS 2	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1008543	LCS 3	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1008543	LCS 4	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1008545	LCS 1	Alkalinity	SM 2320B	94.6	100	95	mg/L
QC1008545	LCS 2	Alkalinity	SM 2320B	94.6	100	95	mg/L
QC1008545	LCS 3	Alkalinity	SM 2320B	93.7	100	94	mg/L
QC1008611	LCS 1	Fluoride	EPA 300.0	2.00	2.00	100	mg/L
QC1008612	LCS 1	Chloride	EPA 300.0	10.0	10.0	100	mg/L
QC1008613	LCS 1	Nitrite Nitrogen	EPA 300.0	0.550	0.500	110	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008614	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L
QC1008615	LCS 1	Sulfate	EPA 300.0	24.8	25.0	99	mg/L
QC1008716	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	157	150	105	mg/L
QC1008716	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	152	150	101	mg/L
QC1008745	LCS 1	Aluminum	EPA 200.7	1.05	1.00	105	mg/L
		Barium	EPA 200.7	1.04	1.00	104	mg/L
		Beryllium	EPA 200.7	1.09	1.00	109	mg/L
		Bismuth	EPA 200.7	1.06	1.00	106	mg/L
		Boron	EPA 200.7	1.01	1.00	101	mg/L
		Cadmium	EPA 200.7	1.07	1.00	107	mg/L
		Calcium	EPA 200.7	11.1	10.0	111	mg/L
		Chromium	EPA 200.7	1.01	1.00	101	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	5.06	5.00	101	mg/L
		Gallium	EPA 200.7	1.07	1.00	107	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	1.04	1.00	104	mg/L
		Magnesium	EPA 200.7	10.7	10.0	107	mg/L
		Manganese	EPA 200.7	1.07	1.00	107	mg/L
		Molybdenum	EPA 200.7	1.00	1.00	100	mg/L
		Nickel	EPA 200.7	5.24	5.00	105	mg/L
		Phosphorus	EPA 200.7	5.10	5.00	102	mg/L
		Potassium	EPA 200.7	10.9	10.0	109	mg/L
		Scandium	EPA 200.7	1.05	1.00	105	mg/L
		Silver	EPA 200.7	0.097	0.090	108	mg/L
		Sodium	EPA 200.7	10.7	10.0	107	mg/L
		Strontium	EPA 200.7	1.07	1.00	107	mg/L
		Tin	EPA 200.7	1.04	1.00	104	mg/L
		Titanium	EPA 200.7	1.03	1.00	103	mg/L
		Vanadium	EPA 200.7	1.04	1.00	104	mg/L
		Zinc	EPA 200.7	1.06	1.00	106	mg/L
QC1008746	LCS 1	Aluminum	EPA 200.7	1.08	1.00	108	mg/L
		Barium	EPA 200.7	1.08	1.00	108	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.11	1.00	111	mg/L
		Boron	EPA 200.7	1.05	1.00	105	mg/L
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.08	1.00	108	mg/L
		Copper	EPA 200.7	5.38	5.00	108	mg/L
		Gallium	EPA 200.7	1.08	1.00	108	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.06	1.00	106	mg/L
		Magnesium	EPA 200.7	10.8	10.0	108	mg/L
		Manganese	EPA 200.7	1.07	1.00	107	mg/L
		Molybdenum	EPA 200.7	1.06	1.00	106	mg/L
		Nickel	EPA 200.7	5.39	5.00	108	mg/L
		Phosphorus	EPA 200.7	5.34	5.00	107	mg/L
		Potassium	EPA 200.7	10.7	10.0	107	mg/L
		Scandium	EPA 200.7	1.07	1.00	107	mg/L
		Silver	EPA 200.7	0.102	0.090	113	mg/L
		Sodium	EPA 200.7	10.6	10.0	106	mg/L
		Strontium	EPA 200.7	1.07	1.00	107	mg/L
		Tin	EPA 200.7	1.06	1.00	106	mg/L
		Titanium	EPA 200.7	1.06	1.00	106	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008759	LCS 1	Vanadium	EPA 200.7	1.07	1.00	107	mg/L
		Zinc	EPA 200.7	1.12	1.00	112	mg/L
		Aluminum	EPA 200.7	1.08	1.00	108	mg/L
		Barium	EPA 200.7	1.08	1.00	108	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.11	1.00	111	mg/L
		Boron	EPA 200.7	1.05	1.00	105	mg/L
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.08	1.00	108	mg/L
		Copper	EPA 200.7	5.38	5.00	108	mg/L
		Gallium	EPA 200.7	1.08	1.00	108	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.06	1.00	106	mg/L
		Magnesium	EPA 200.7	10.8	10.0	108	mg/L
		Manganese	EPA 200.7	1.07	1.00	107	mg/L
		Molybdenum	EPA 200.7	1.06	1.00	106	mg/L
		Nickel	EPA 200.7	5.39	5.00	108	mg/L
		Phosphorus	EPA 200.7	5.34	5.00	107	mg/L
QC1008760	LCS 1	Potassium	EPA 200.7	10.7	10.0	107	mg/L
		Scandium	EPA 200.7	1.07	1.00	107	mg/L
		Silver	EPA 200.7	0.102	0.090	113	mg/L
		Sodium	EPA 200.7	10.6	10.0	106	mg/L
		Strontium	EPA 200.7	1.07	1.00	107	mg/L
		Tin	EPA 200.7	1.06	1.00	106	mg/L
		Titanium	EPA 200.7	1.06	1.00	106	mg/L
		Vanadium	EPA 200.7	1.07	1.00	107	mg/L
		Zinc	EPA 200.7	1.12	1.00	112	mg/L
		Aluminum	EPA 200.7	1.06	1.00	106	mg/L
		Barium	EPA 200.7	1.03	1.00	103	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.04	1.00	104	mg/L
		Boron	EPA 200.7	1.01	1.00	101	mg/L
		Cadmium	EPA 200.7	1.03	1.00	103	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.02	1.00	102	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	5.23	5.00	105	mg/L
		Gallium	EPA 200.7	1.04	1.00	104	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	1.04	1.00	104	mg/L
		Magnesium	EPA 200.7	10.4	10.0	104	mg/L
		Manganese	EPA 200.7	1.06	1.00	106	mg/L
		Molybdenum	EPA 200.7	0.976	1.00	98	mg/L
		Nickel	EPA 200.7	5.13	5.00	103	mg/L
		Phosphorus	EPA 200.7	4.94	5.00	99	mg/L
		Potassium	EPA 200.7	10.6	10.0	106	mg/L
		Scandium	EPA 200.7	1.06	1.00	106	mg/L
		Silver	EPA 200.7	0.096	0.090	107	mg/L
		Sodium	EPA 200.7	10.6	10.0	106	mg/L
		Strontium	EPA 200.7	1.08	1.00	108	mg/L
		Tin	EPA 200.7	0.985	1.00	98	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.04	1.00	104	mg/L
		Zinc	EPA 200.7	0.994	1.00	99	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1008765	LCS 1	Mercury	EPA 200.8	0.000937	0.001	94	mg/L
		Antimony	EPA 200.8	0.0101	0.010	101	mg/L
		Arsenic	EPA 200.8	0.0484	0.050	97	mg/L
		Lead	EPA 200.8	0.0093	0.010	93	mg/L
		Selenium	EPA 200.8	0.0482	0.050	96	mg/L
		Thallium	EPA 200.8	0.0091	0.010	91	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	88	mg/L
		Mercury	EPA 200.8	0.000983	0.001	98	mg/L
QC1009047	LCS 1	Antimony	EPA 200.8	0.0098	0.010	98	mg/L
		Arsenic	EPA 200.8	0.0504	0.050	101	mg/L
		Lead	EPA 200.8	0.0102	0.010	102	mg/L
		Selenium	EPA 200.8	0.0465	0.050	93	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	98	mg/L
		Mercury	EPA 200.8	0.000983	0.001	98	mg/L
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L
QC1009048	LCS 1	Arsenic	EPA 200.8	0.0504	0.050	101	mg/L
		Lead	EPA 200.8	0.0102	0.010	102	mg/L
		Selenium	EPA 200.8	0.0465	0.050	93	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	98	mg/L
		Mercury	EPA 200.8	0.001031	0.001	103	mg/L
		Antimony	EPA 200.8	0.0111	0.010	111	mg/L
		Arsenic	EPA 200.8	0.0518	0.050	104	mg/L
QC1009049	LCS 1	Lead	EPA 200.8	0.0106	0.010	106	mg/L
		Selenium	EPA 200.8	0.0519	0.050	104	mg/L
		Thallium	EPA 200.8	0.0105	0.010	105	mg/L
		Uranium	EPA 200.8	0.0109	0.010	109	mg/L
		Mercury	EPA 200.8	0.001031	0.001	103	mg/L
		Antimony	EPA 200.8	0.0111	0.010	111	mg/L
		Arsenic	EPA 200.8	0.0518	0.050	104	mg/L
		Lead	EPA 200.8	0.0106	0.010	106	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008543	Duplicate 1	pH	SM 4500-H+ B	1008055-001	7.72	7.72	pH Units	<1%
QC1008543	Duplicate 2	pH	SM 4500-H+ B	1008057-001	7.76	7.74	pH Units	<1%
QC1008543	Duplicate 3	pH	SM 4500-H+ B	1008059-001	7.85	7.85	pH Units	<1%
QC1008543	Duplicate 4	pH	SM 4500-H+ B	1008061-001	7.86	7.88	pH Units	<1%
QC1008543	Duplicate 5	pH	SM 4500-H+ B	1008063-001	7.88	7.90	pH Units	<1%
QC1008543	Duplicate 6	pH	SM 4500-H+ B	1008330-001	7.50	7.53	pH Units	<1%
QC1008543	Duplicate 7	pH	SM 4500-H+ B	1008342-004	8.22	8.26	pH Units	<1%
QC1008545	Duplicate 1	Bicarbonate (HCO ₃)	SM 2320B	1008055-001	348	351	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1008055-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008055-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008055-001	286	288	mg/L as CaCO ₃	1 %
		Bicarbonate (HCO ₃)	SM 2320B	1008057-001	351	352	mg/L	<1%
QC1008545	Duplicate 2	Carbonate (CO ₃)	SM 2320B	1008057-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008057-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008057-001	288	289	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1008059-001	329	330	mg/L	<1%
QC1008545	Duplicate 3	Carbonate (CO ₃)	SM 2320B	1008059-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008059-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008059-001	270	271	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1008061-001	357	358	mg/L	<1%
QC1008545	Duplicate 4	Carbonate (CO ₃)	SM 2320B	1008061-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008061-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008061-001	293	294	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1008063-001	302	303	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1008063-001	<1.000	<1.000	mg/L	<1%
QC1008545	Duplicate 5	Carbonate (CO ₃)	SM 2320B	1008063-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008545	Duplicate 6	Hydroxide (OH)	SM 2320B	1008063-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008063-001	248	249	mg/L as CaCO3	<1%
		Bicarbonate (HCO3)	SM 2320B	1008330-001	206	209	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008330-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008330-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008330-001	169	171	mg/L as CaCO3	1 %
QC1008716	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008342-001	366	379	mg/L	3 %
QC1008716	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008355-004	632	684	mg/L	1 %
QC1008716	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008356-003	2160	2226	mg/L	3 %
QC1008716	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008365-001	227	233	mg/L	3 %
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.
						Spike Value	Units	MSD % Rec.
QC1008611	MS 1	Fluoride	EPA 300.0	1008340-001	0.285	2.49	2.52	mg/L
		Chloride	EPA 300.0	1008340-001	<1.000	5.86	5.91	mg/L
		Chloride	EPA 300.0	1008345-001	29.7	M	37.1	NC
		Nitrite Nitrogen	EPA 300.0	1008340-001	0.315	0.868	0.772	mg/L
		Nitrate Nitrogen	EPA 300.0	1008340-001	<1.000	2.01	2.07	mg/L
		Sulfate	EPA 300.0	1008340-001	63.0	71.8	72.0	mg/L
		Sulfate	EPA 300.0	1008345-001	57.7	M	72.2	NC
		Aluminum	EPA 200.7	1008342-001	0.056	1.06	1.09	mg/L
		Barium	EPA 200.7	1008342-001	0.010	1.03	1.05	mg/L
		Beryllium	EPA 200.7	1008342-001	<0.001	1.09	1.09	mg/L
		Bismuth	EPA 200.7	1008342-001	<0.100	1.02	1.05	mg/L
		Boron	EPA 200.7	1008342-001	0.108	1.16	1.19	mg/L
		Cadmium	EPA 200.7	1008342-001	<0.001	1.05	1.08	mg/L
		Calcium	EPA 200.7	1008342-001	52.8	62.3	61.7	mg/L
		Chromium	EPA 200.7	1008342-001	<0.005	0.993	1.02	mg/L
		Cobalt	EPA 200.7	1008342-001	<0.010	1.02	1.04	mg/L
		Copper	EPA 200.7	1008342-001	<0.050	5.22	5.32	mg/L
		Gallium	EPA 200.7	1008342-001	<0.100	1.04	1.05	mg/L
		Iron	EPA 200.7	1008342-001	<0.010	1.04	1.05	mg/L
		Lithium	EPA 200.7	1008342-001	<0.100	1.03	1.03	mg/L
		Magnesium	EPA 200.7	1008342-001	7.81	17.7	17.9	mg/L
		Manganese	EPA 200.7	1008342-001	0.020	1.06	1.08	mg/L
		Molybdenum	EPA 200.7	1008342-001	0.072	1.09	1.10	mg/L
		Nickel	EPA 200.7	1008342-001	<0.010	5.07	5.19	mg/L
		Phosphorus	EPA 200.7	1008342-001	<0.500	5.33	5.44	mg/L
		Potassium	EPA 200.7	1008342-001	25.1	34.8	34.8	mg/L
		Scandium	EPA 200.7	1008342-001	<0.100	1.04	1.05	mg/L
		Silver	EPA 200.7	1008342-001	<0.005	0.098	0.098	mg/L
		Sodium	EPA 200.7	1008342-001	40.5	50.4	49.8	mg/L
		Strontium	EPA 200.7	1008342-001	0.586	1.63	1.62	mg/L
		Tin	EPA 200.7	1008342-001	<0.100	0.916	0.928	mg/L
		Titanium	EPA 200.7	1008342-001	<0.100	1.03	1.04	mg/L
		Vanadium	EPA 200.7	1008342-001	0.015	1.07	1.09	mg/L
		Zinc	EPA 200.7	1008342-001	<0.010	1.09	1.12	mg/L
QC1008746	MS 1	Aluminum	EPA 200.7	1008342-002	<0.045	1.08	1.09	mg/L
		Barium	EPA 200.7	1008342-002	0.028	1.07	1.08	mg/L
		Beryllium	EPA 200.7	1008342-002	<0.001	1.08	1.08	mg/L
		Bismuth	EPA 200.7	1008342-002	<0.100	1.09	1.10	mg/L
		Boron	EPA 200.7	1008342-002	0.151	1.19	1.21	mg/L
		Cadmium	EPA 200.7	1008342-002	<0.001	1.06	1.06	mg/L
		Calcium	EPA 200.7	1008342-002	29.3	39.9	39.2	mg/L
		Chromium	EPA 200.7	1008342-002	<0.005	1.03	1.03	mg/L

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008759	MS 1	Cobalt	EPA 200.7	1008342-002	<0.010	1.05	1.06	1.00	mg/L	105	106	1 %
		Copper	EPA 200.7	1008342-002	<0.050	5.51	5.53	5.00	mg/L	110	111	<1%
		Gallium	EPA 200.7	1008342-002	<0.100	1.04	1.06	1.00	mg/L	105	107	2 %
		Iron	EPA 200.7	1008342-002	<0.010	1.05	1.06	1.00	mg/L	105	106	1 %
		Lithium	EPA 200.7	1008342-002	<0.100	1.05	1.05	1.00	mg/L	102	102	<1%
		Magnesium	EPA 200.7	1008342-002	5.64	15.8	15.9	10.0	mg/L	102	103	1 %
		Manganese	EPA 200.7	1008342-002	0.018	1.06	1.07	1.00	mg/L	104	105	1 %
		Molybdenum	EPA 200.7	1008342-002	0.074	1.14	1.15	1.00	mg/L	107	108	1 %
		Nickel	EPA 200.7	1008342-002	<0.010	5.14	5.16	5.00	mg/L	103	103	<1%
		Phosphorus	EPA 200.7	1008342-002	<0.500	5.53	5.53	5.00	mg/L	110	110	<1%
		Potassium	EPA 200.7	1008342-002	28.0	38.2	38.2	10.0	mg/L	102	102	<1%
		Scandium	EPA 200.7	1008342-002	<0.100	1.07	1.07	1.00	mg/L	107	107	<1%
		Silver	EPA 200.7	1008342-002	<0.005	0.100	0.103	0.090	mg/L	113	116	3 %
		Sodium	EPA 200.7	1008342-002	52.6	63.1	62.2	10.0	mg/L	105	96	1 %
		Strontium	EPA 200.7	1008342-002	1.18	2.22	2.19	1.00	mg/L	104	101	1 %
		Tin	EPA 200.7	1008342-002	<0.100	0.955	0.960	1.00	mg/L	108	108	1 %
		Titanium	EPA 200.7	1008342-002	<0.100	1.06	1.06	1.00	mg/L	106	106	<1%
		Vanadium	EPA 200.7	1008342-002	0.011	1.09	1.09	1.00	mg/L	108	108	<1%
		Zinc	EPA 200.7	1008342-002	<0.010	1.13	1.14	1.00	mg/L	113	114	1 %
		Aluminum	EPA 200.7	1008342-003	<0.045	1.05	1.04	1.00	mg/L	103	102	1 %
		Barium	EPA 200.7	1008342-003	0.044	1.09	1.09	1.00	mg/L	105	105	<1%
		Beryllium	EPA 200.7	1008342-003	<0.001	1.07	1.07	1.00	mg/L	107	107	<1%
		Bismuth	EPA 200.7	1008342-003	<0.100	1.04	1.04	1.00	mg/L	107	107	<1%
		Boron	EPA 200.7	1008342-003	<0.100	1.16	1.15	1.00	mg/L	108	107	1 %
		Cadmium	EPA 200.7	1008342-003	<0.001	1.04	1.04	1.00	mg/L	104	104	<1%
		Calcium	EPA 200.7	1008342-003	84.9	94.9	93.7	10.0	mg/L	100	88	1 %
		Chromium	EPA 200.7	1008342-003	<0.005	1.04	1.03	1.00	mg/L	104	103	1 %
		Cobalt	EPA 200.7	1008342-003	<0.010	1.04	1.04	1.00	mg/L	104	104	<1%
		Copper	EPA 200.7	1008342-003	<0.050	5.29	5.25	5.00	mg/L	105	105	1 %
		Gallium	EPA 200.7	1008342-003	<0.100	1.01	1.04	1.00	mg/L	101	104	3 %
		Iron	EPA 200.7	1008342-003	<0.010	1.05	1.05	1.00	mg/L	105	105	<1%
		Lithium	EPA 200.7	1008342-003	<0.100	1.07	1.06	1.00	mg/L	104	103	1 %
		Magnesium	EPA 200.7	1008342-003	12.5	22.4	22.1	10.0	mg/L	99	96	1 %
		Manganese	EPA 200.7	1008342-003	0.033	1.06	1.06	1.00	mg/L	103	103	<1%
		Molybdenum	EPA 200.7	1008342-003	0.396	1.46	1.44	1.00	mg/L	106	104	1 %
		Nickel	EPA 200.7	1008342-003	<0.010	5.08	5.09	5.00	mg/L	102	102	<1%
		Phosphorus	EPA 200.7	1008342-003	<0.500	5.38	5.38	5.00	mg/L	108	108	<1%
		Potassium	EPA 200.7	1008342-003	11.4	22.0	21.8	10.0	mg/L	106	104	1 %
		Scandium	EPA 200.7	1008342-003	<0.100	1.07	1.06	1.00	mg/L	107	106	1 %
		Silver	EPA 200.7	1008342-003	<0.005	0.101	0.098	0.090	mg/L	113	110	3 %
		Sodium	EPA 200.7	1008342-003	33.7	44.7	44.3	10.0	mg/L	110	106	1 %
		Strontium	EPA 200.7	1008342-003	0.735	1.81	1.80	1.00	mg/L	108	106	1 %
		Tin	EPA 200.7	1008342-003	<0.100	0.810	0.793	1.00	mg/L	108	106	2 %
		Titanium	EPA 200.7	1008342-003	<0.100	1.05	1.05	1.00	mg/L	105	105	<1%
		Vanadium	EPA 200.7	1008342-003	0.015	1.10	1.10	1.00	mg/L	108	108	<1%
		Zinc	EPA 200.7	1008342-003	<0.010	1.03	1.03	1.00	mg/L	103	103	<1%
		Aluminum	EPA 200.7	1008342-004	<0.045	1.04	1.03	1.00	mg/L	101	100	1 %
		Barium	EPA 200.7	1008342-004	0.040	1.07	1.05	1.00	mg/L	103	101	2 %
		Beryllium	EPA 200.7	1008342-004	<0.001	1.08	1.07	1.00	mg/L	108	107	1 %
		Bismuth	EPA 200.7	1008342-004	<0.100	1.01	1.01	1.00	mg/L	102	102	<1%
		Boron	EPA 200.7	1008342-004	<0.100	1.17	1.16	1.00	mg/L	108	107	1 %
		Cadmium	EPA 200.7	1008342-004	<0.001	1.03	1.01	1.00	mg/L	103	101	2 %
		Calcium	EPA 200.7	1008342-004	61.2	70.7	70.9	10.0	mg/L	95	97	<1%
		Chromium	EPA 200.7	1008342-004	<0.005	1.03	1.02	1.00	mg/L	103	102	1 %
		Cobalt	EPA 200.7	1008342-004	<0.010	1.02	1.01	1.00	mg/L	102	101	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008765	MS 1	Copper	EPA 200.7	1008342-004	<0.050	5.27	5.25	5.00	mg/L	105	105	<1%
		Gallium	EPA 200.7	1008342-004	<0.100	1.02	0.993	1.00	mg/L	102	99	3 %
		Iron	EPA 200.7	1008342-004	<0.010	1.06	1.06	1.00	mg/L	106	106	<1%
		Lithium	EPA 200.7	1008342-004	<0.100	1.05	1.05	1.00	mg/L	102	102	<1%
		Magnesium	EPA 200.7	1008342-004	9.47	19.4	19.4	10.0	mg/L	99	99	<1%
		Manganese	EPA 200.7	1008342-004	0.026	1.06	1.04	1.00	mg/L	103	101	2 %
		Molybdenum	EPA 200.7	1008342-004	0.106	1.09	1.08	1.00	mg/L	98	97	1 %
		Nickel	EPA 200.7	1008342-004	<0.010	5.06	4.97	5.00	mg/L	101	99	2 %
		Phosphorus	EPA 200.7	1008342-004	<0.500	5.20	5.13	5.00	mg/L	104	103	1 %
		Potassium	EPA 200.7	1008342-004	19.3	29.7	29.9	10.0	mg/L	104	106	1 %
		Scandium	EPA 200.7	1008342-004	<0.100	1.06	1.06	1.00	mg/L	106	106	<1%
		Silver	EPA 200.7	1008342-004	<0.005	0.098	0.098	0.090	mg/L	107	107	<1%
		Sodium	EPA 200.7	1008342-004	33.8	44.3	44.6	10.0	mg/L	105	108	1 %
		Strontium	EPA 200.7	1008342-004	0.545	1.60	1.62	1.00	mg/L	106	108	1 %
		Tin	EPA 200.7	1008342-004	<0.100	0.812	0.795	1.00	mg/L	102	100	2 %
		Titanium	EPA 200.7	1008342-004	<0.100	1.05	1.05	1.00	mg/L	105	105	<1%
		Vanadium	EPA 200.7	1008342-004	0.010	1.10	1.08	1.00	mg/L	109	107	2 %
		Zinc	EPA 200.7	1008342-004	<0.010	1.01	0.999	1.00	mg/L	101	100	1 %
QC1009047	MS 1	Mercury	EPA 200.8	1008342-001	<0.000100	0.000969	0.001026	0.001	mg/L	97	103	6 %
		Antimony	EPA 200.8	1008342-001	<0.0025	0.0121	0.0120	0.010	mg/L	104	103	1 %
		Arsenic	EPA 200.8	1008342-001	<0.0050	0.0510	0.0508	0.050	mg/L	102	102	<1%
		Lead	EPA 200.8	1008342-001	<0.0025	0.0096	0.0097	0.010	mg/L	96	97	1 %
		Selenium	EPA 200.8	1008342-001	<0.0050	0.0510	0.0519	0.050	mg/L	96	98	2 %
		Thallium	EPA 200.8	1008342-001	<0.0010	0.0098	0.0099	0.010	mg/L	98	99	1 %
		Uranium	EPA 200.8	1008342-001	0.0163	0.0274	0.0275	0.010	mg/L	111	112	<1%
QC1009048	MS 1	Mercury	EPA 200.8	1008342-002	<0.000100	0.001019	0.001054	0.001	mg/L	102	105	3 %
		Antimony	EPA 200.8	1008342-002	<0.0025	0.0124	0.0124	0.010	mg/L	101	102	<1%
		Arsenic	EPA 200.8	1008342-002	<0.0050	0.0546	0.0543	0.050	mg/L	106	105	1 %
		Lead	EPA 200.8	1008342-002	<0.0025	0.0109	0.0106	0.010	mg/L	109	106	3 %
		Selenium	EPA 200.8	1008342-002	0.0062	0.0560	0.0543	0.050	mg/L	100	96	3 %
		Thallium	EPA 200.8	1008342-002	<0.0010	0.0109	0.0106	0.010	mg/L	100	96	3 %
		Uranium	EPA 200.8	1008342-002	0.0135	0.0250	0.0246	0.010	mg/L	109	106	3 %
QC1009049	MS 1	Mercury	EPA 200.8	1008342-003	0.000473	0.001515	0.001509	0.001	mg/L	104	104	<1%
		Antimony	EPA 200.8	1008342-003	0.0063	0.0170	0.0175	0.010	mg/L	107	112	3 %
		Arsenic	EPA 200.8	1008342-003	0.0083	0.0613	0.0615	0.050	mg/L	106	106	<1%
		Lead	EPA 200.8	1008342-003	<0.0005	0.0100	0.0096	0.010	mg/L	100	96	4 %
		Selenium	EPA 200.8	1008342-003	0.0175	0.0678	0.0676	0.050	mg/L	101	100	<1%
		Thallium	EPA 200.8	1008342-003	<0.0020	0.0103	0.0098	0.010	mg/L	103	98	5 %
		Uranium	EPA 200.8	1008342-003	0.1124	SC	0.1240	0.1225	0.010	mg/L	NC	NC



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETlaboratory.com

9/9/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008397

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/24/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008397

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA -- Reported value was calculated using the method of Standard Additions.
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 **Fax:** (775) 356-8917
PO\Project: 3438

Date Printed: 9/9/2010
OrderID: 1008397

Customer Sample ID: 604767 MWMP **Collect Date/Time:** 8/24/2010 09:00
WETLAB Sample ID: 1008397-001 **Receive Date:** 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.80	pH Units		8/24/2010
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/24/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Total Alkalinity	SM 2320B	90	mg/L as CaCO3	1.0	8/24/2010
Chloride	EPA 300.0	31	mg/L	5.0	8/25/2010
Fluoride	EPA 300.0	7.8	mg/L	0.50	8/25/2010
Sulfate	EPA 300.0	720	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	1300	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	0.019	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	0.31	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	0.0024	mg/L	0.0010	9/2/2010
Calcium	EPA 200.7	180	mg/L	0.50	9/2/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Cobalt	EPA 200.7	0.013	mg/L	0.010	9/2/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	52	mg/L	0.50	9/2/2010
Manganese	EPA 200.7	0.94	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	0.069	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	59	mg/L	0.50	9/2/2010

Customer Sample ID: 604767 MWMP
WETLAB Sample ID: 1008397-001

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Sodium	EPA 200.7	58	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	1.7	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.038	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	0.041	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	0.0040	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.041	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.19	mg/L	0.10	9/3/2010
Anions	Calculation	18.1	meq/L	0.10	
Cations	Calculation	17.3	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Customer Sample ID: 605184 MWMP
WETLAB Sample ID: 1008397-002

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.47	pH Units		8/24/2010
Bicarbonate (HCO ₃)	SM 2320B	37	mg/L	1.0	8/24/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	8/24/2010
Chloride	EPA 300.0	18	mg/L	5.0	8/25/2010
Fluoride	EPA 300.0	8.8	mg/L	0.50	8/25/2010
Sulfate	EPA 300.0	2000	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	2800	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	0.016	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	0.068	mg/L	0.0010	9/2/2010

Customer Sample ID: 605184 MWMP
WETLAB Sample ID: 1008397-002

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	480	SC	mg/L	0.50
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Cobalt	EPA 200.7	0.026	mg/L	0.010	9/2/2010
Copper	EPA 200.7	0.084	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	0.13	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	140	SC	mg/L	0.50
Manganese	EPA 200.7	36	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	42	mg/L	0.50	9/2/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Sodium	EPA 200.7	45	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	2.5	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.068	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	0.47	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.011	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.016	mg/L	0.010	9/1/2010
Anions	Calculation	43.2	meq/L	0.10	
Cations	Calculation	39.8	meq/L	0.10	
Error	Calculation	4.1	%	1.0	

Customer Sample ID: 604849 MWMP
WETLAB Sample ID: 1008397-003

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.16	pH Units		8/24/2010
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	8/24/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010

Customer Sample ID: 604849 MWMP
WETLAB Sample ID: 1008397-003

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	99	mg/L as CaCO ₃	1.0	8/24/2010
Chloride	EPA 300.0	6.9	mg/L	1.0	8/25/2010
Fluoride	EPA 300.0	4.4	mg/L	0.10	8/25/2010
Sulfate	EPA 300.0	220	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	0.16	mg/L	0.025	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	500	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	0.21	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Calcium	EPA 200.7	83	mg/L	0.50	9/2/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	16	mg/L	0.50	9/2/2010
Manganese	EPA 200.7	0.034	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	0.18	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	17	mg/L	0.50	9/2/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Sodium	EPA 200.7	39	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	1.4	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.015	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	0.0057	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	0.020	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.020	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.19	mg/L	0.10	9/3/2010

Customer Sample ID: 604849 MWMP
WETLAB Sample ID: 1008397-003

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	6.97	meq/L	0.10	
Cations	Calculation	7.59	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: 604854 MWMP
WETLAB Sample ID: 1008397-004

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.16	pH Units		8/24/2010
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	8/24/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Total Alkalinity	SM 2320B	94	mg/L as CaCO ₃	1.0	8/24/2010
Chloride	EPA 300.0	29	mg/L	1.0	8/25/2010
Fluoride	EPA 300.0	4.6	mg/L	0.10	8/25/2010
Sulfate	EPA 300.0	240	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	580	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	0.25	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Calcium	EPA 200.7	78	mg/L	0.50	9/2/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Copper	EPA 200.7	0.14	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	18	mg/L	0.50	9/2/2010
Manganese	EPA 200.7	0.073	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	0.12	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	58	mg/L	0.50	9/2/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	0.0075	mg/L	0.0050	9/2/2010

Customer Sample ID: 604854 MWMP
WETLAB Sample ID: 1008397-004

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	40	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	1.3	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.017	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	0.013	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	0.0041	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	0.0066	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.023	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.037	mg/L	0.010	9/1/2010
Anions	Calculation	7.86	meq/L	0.10	
Cations	Calculation	8.60	meq/L	0.10	
Error	Calculation	4.5	%	1.0	

Customer Sample ID: 604867 MWMP
WETLAB Sample ID: 1008397-005

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		8/24/2010
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	8/24/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	8/24/2010
Chloride	EPA 300.0	6.1	mg/L	1.0	8/25/2010
Fluoride	EPA 300.0	74	mg/L	5.0	8/26/2010
Sulfate	EPA 300.0	670	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	1100	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	0.019	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	0.16	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	0.0013	mg/L	0.0010	9/2/2010
Calcium	EPA 200.7	190	mg/L	0.50	9/2/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010

Customer Sample ID: 604867 MWMP

Collect Date/Time: 8/24/2010 09:00

WETLAB Sample ID: 1008397-005

Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	46	mg/L	0.50	9/2/2010
Manganese	EPA 200.7	0.22	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	0.12	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	61	mg/L	0.50	9/2/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Sodium	EPA 200.7	25	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	4.2	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.035	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	0.017	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.048	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/1/2010
Anions	Calculation	20.4	meq/L	0.10	
Cations	Calculation	15.9	meq/L	0.10	
Error	Calculation	12	%	1.0	

Customer Sample ID: 604562 MWMP

Collect Date/Time: 8/24/2010 09:00

WETLAB Sample ID: 1008397-006

Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.28	pH Units		8/24/2010
Bicarbonate (HCO3)	SM 2320B	170	mg/L	1.0	8/24/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/24/2010
Total Alkalinity	SM 2320B	140	mg/L as CaCO3	1.0	8/24/2010
Chloride	EPA 300.0	29	mg/L	1.0	8/25/2010

Customer Sample ID: 604562 MWMP
WETLAB Sample ID: 1008397-006

Collect Date/Time: 8/24/2010 09:00
Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	69	mg/L	5.0	8/26/2010
Sulfate	EPA 300.0	390	mg/L	100	8/25/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/25/2010
Nitrite Nitrogen	EPA 300.0	0.19	mg/L	0.025	8/25/2010
Total Dissolved Solids (TDS)	SM 2540C	800	mg/L	10	8/26/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/2/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Boron	EPA 200.7	0.36	mg/L	0.10	9/2/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/2/2010
Calcium	EPA 200.7	120	mg/L	0.50	9/2/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/2/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Magnesium	EPA 200.7	24	mg/L	0.50	9/2/2010
Manganese	EPA 200.7	0.071	mg/L	0.0050	9/2/2010
Molybdenum	EPA 200.7	0.039	mg/L	0.010	9/2/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/2/2010
Potassium	EPA 200.7	23	mg/L	0.50	9/2/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/2/2010
Sodium	EPA 200.7	79	mg/L	0.50	9/2/2010
Strontium	EPA 200.7	1.2	mg/L	0.10	9/2/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/2/2010
Vanadium	EPA 200.7	0.021	mg/L	0.010	9/2/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/2/2010
Mercury	EPA 200.8	0.0060	mg/L	0.00010	9/1/2010
Antimony	EPA 200.8	0.0083	mg/L	0.0025	9/1/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/1/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/1/2010
Selenium	EPA 200.8	0.015	mg/L	0.0050	9/1/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/1/2010
Uranium	EPA 200.8	0.037	mg/L	0.010	9/1/2010
Anions	Calculation	15.7	meq/L	0.10	
Cations	Calculation	12.0	meq/L	0.10	

Customer Sample ID: 604562 MWMP

Collect Date/Time: 8/24/2010 09:00

WETLA® Sample ID: 1008397-006

Receive Date: 8/24/2010 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	13	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008704	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008704	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008704	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008707	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008707	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008707	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008710	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.03	mg/kg
QC1008710	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.03	mg/kg
QC1008710	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.03	mg/kg
QC1008711	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008711	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008711	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008715	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008715	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008715	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1008725	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008725	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008725	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008779	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008779	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1008813	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1009045	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Lead	EPA 200.8	<0.0025	mg/L			
		Selenium	EPA 200.8	<0.0050	mg/L			
		Thallium	EPA 200.8	<0.0010	mg/L			
		Uranium	EPA 200.8	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC1008665	LCS 1	pH	SM 4500-H+ B	7.04	7.00	101	pH Units	
QC1008665	LCS 2	pH	SM 4500-H+ B	7.04	7.00	101	pH Units	
QC1008665	LCS 3	pH	SM 4500-H+ B	7.04	7.00	101	pH Units	
QC1008678	LCS 1	Alkalinity	SM 2320B	94.6	100	95	mg/L	
QC1008678	LCS 2	Alkalinity	SM 2320B	95.2	100	95	mg/L	
QC1008678	LCS 3	Alkalinity	SM 2320B	94.0	100	94	mg/L	
QC1008704	LCS 1	Fluoride	EPA 300.0	1.96	2.00	98	mg/L	
QC1008707	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L	
QC1008710	LCS 1	Nitrite Nitrogen	EPA 300.0	0.543	0.500	109	mg/kg	
QC1008711	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L	
QC1008715	LCS 1	Sulfate	EPA 300.0	5.48	5.00	110	mg/L	
QC1008725	LCS 1	Fluoride	EPA 300.0	1.94	2.00	97	mg/L	
QC1008779	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L	
QC1008779	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	143	150	95	mg/L	
QC1008813	LCS 1	Aluminum	EPA 200.7	1.02	1.00	102	mg/L	
		Barium	EPA 200.7	1.03	1.00	103	mg/L	
		Beryllium	EPA 200.7	1.04	1.00	104	mg/L	
		Bismuth	EPA 200.7	1.05	1.00	105	mg/L	
		Boron	EPA 200.7	1.02	1.00	102	mg/L	
		Cadmium	EPA 200.7	1.07	1.00	107	mg/L	
		Calcium	EPA 200.7	10.4	10.0	104	mg/L	
		Chromium	EPA 200.7	1.02	1.00	102	mg/L	
		Cobalt	EPA 200.7	1.04	1.00	104	mg/L	
		Copper	EPA 200.7	5.13	5.00	103	mg/L	
		Gallium	EPA 200.7	1.03	1.00	103	mg/L	
		Iron	EPA 200.7	1.02	1.00	102	mg/L	
		Lithium	EPA 200.7	1.01	1.00	101	mg/L	
		Magnesium	EPA 200.7	10.3	10.0	103	mg/L	
		Manganese	EPA 200.7	1.03	1.00	103	mg/L	
		Molybdenum	EPA 200.7	1.03	1.00	103	mg/L	
		Nickel	EPA 200.7	5.23	5.00	105	mg/L	
		Phosphorus	EPA 200.7	5.21	5.00	104	mg/L	
		Potassium	EPA 200.7	10.5	10.0	105	mg/L	
		Scandium	EPA 200.7	1.01	1.00	101	mg/L	
		Silver	EPA 200.7	0.094	0.090	104	mg/L	
		Sodium	EPA 200.7	10.3	10.0	103	mg/L	
		Strontium	EPA 200.7	1.02	1.00	102	mg/L	
		Tin	EPA 200.7	1.05	1.00	105	mg/L	
		Titanium	EPA 200.7	1.02	1.00	102	mg/L	
		Vanadium	EPA 200.7	1.03	1.00	103	mg/L	
		Zinc	EPA 200.7	1.07	1.00	107	mg/L	
QC1009045	LCS 1	Mercury	EPA 200.8	0.001088	0.001	109	mg/L	
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L	
		Arsenic	EPA 200.8	0.0513	0.050	103	mg/L	
		Lead	EPA 200.8	0.0102	0.010	102	mg/L	
		Selenium	EPA 200.8	0.0476	0.050	95	mg/L	
		Thallium	EPA 200.8	0.0102	0.010	102	mg/L	
		Uranium	EPA 200.8	<0.0100	0.010	98	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD

QC1008665	Duplicate 1	pH	SM 4500-H+ B	1008026-006	7.61	7.63	pH Units	<1%
QC1008665	Duplicate 2	pH	SM 4500-H+ B	1008027-006	7.25	7.21	pH Units	1 %
QC1008665	Duplicate 3	pH	SM 4500-H+ B	1008397-001	7.80	7.89	pH Units	1 %
QC1008665	Duplicate 4	pH	SM 4500-H+ B	1008397-003	8.16	8.21	pH Units	1 %
QC1008665	Duplicate 5	pH	SM 4500-H+ B	1008397-004	8.16	8.19	pH Units	<1%
QC1008678	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008026-006	425	428	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008026-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008026-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008026-006	349	351	mg/L as CaCO3	1 %
QC1008678	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1008027-006	912	905	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008027-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008027-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008027-006	748	742	mg/L as CaCO3	1 %
QC1008678	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1008397-001	110	108	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008397-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008397-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008397-001	90.2	89.0	mg/L as CaCO3	1 %
QC1008678	Duplicate 4	Bicarbonate (HCO3)	SM 2320B	1008397-003	121	120	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008397-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008397-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008397-003	99.4	98.8	mg/L as CaCO3	1 %
QC1008678	Duplicate 5	Bicarbonate (HCO3)	SM 2320B	1008397-004	115	115	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1008397-004	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008397-004	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008397-004	94.0	94.4	mg/L as CaCO3	<1%
QC1008779	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008376-001	122	129	mg/L	6 %
QC1008779	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008376-011	24.0	20.0	mg/L	18 %
QC1008779	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008396-006	3950	3980	mg/L	1 %
QC1008779	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008402-001	179	184	mg/L	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1008704	MS 1	Fluoride	EPA 300.0	1008397-003	4.37	5.97	5.97	2.00	mg/L	80	80	<1%
QC1008704	MS 2	Fluoride	EPA 300.0	1008400-001	0.130	2.05	2.13	2.00	mg/L	96	100	4 %
QC1008707	MS 1	Chloride	EPA 300.0	1008397-003	6.95	11.9	12.0	5.00	mg/L	99	101	1 %
QC1008707	MS 2	Chloride	EPA 300.0	1008400-001	<1.000	5.57	5.61	5.00	mg/L	103	104	1 %
QC1008710	MS 1	Nitrite Nitrogen	EPA 300.0	1008397-003	0.163	0.718	0.731	0.500	mg/kg	111	114	2 %
QC1008710	MS 2	Nitrite Nitrogen	EPA 300.0	1008426-001	0.054	0.604	0.618	0.500	mg/kg	110	113	2 %
QC1008711	MS 1	Nitrate Nitrogen	EPA 300.0	1008397-003	<1.000	2.08	2.03	2.00	mg/L	99	97	2 %
QC1008711	MS 2	Nitrate Nitrogen	EPA 300.0	1008426-001	<1.000	2.33	2.33	2.00	mg/L	112	112	<1%
QC1008715	MS 1	Sulfate	EPA 300.0	1008399-001	1.26	3.88	3.91	2.50	mg/L	105	106	1 %
QC1008715	MS 2	Sulfate	EPA 300.0	1008399-010	6.42	8.90	8.89	2.50	mg/L	99	99	<1%
QC1008725	MS 1	Fluoride	EPA 300.0	1008026-001	<2.50	94.5	98.2	2.00	mg/L	93	96	4 %
QC1008725	MS 2	Fluoride	EPA 300.0	1008027-002	<2.500	99.4	95.5	2.00	mg/L	99	96	4 %
QC1008813	MS 1	Aluminum	EPA 200.7	1008397-002	<0.045	0.997	0.999	1.00	mg/L	96	96	<1%
		Barium	EPA 200.7	1008397-002	0.016	1.04	1.01	1.00	mg/L	102	99	3 %
		Beryllium	EPA 200.7	1008397-002	<0.001	1.04	1.04	1.00	mg/L	104	104	<1%
		Bismuth	EPA 200.7	1008397-002	<0.100	1.03	1.04	1.00	mg/L	106	107	1 %
		Boron	EPA 200.7	1008397-002	<0.100	1.13	1.14	1.00	mg/L	106	107	1 %
		Cadmium	EPA 200.7	1008397-002	0.068	1.10	1.10	1.00	mg/L	103	103	<1%
		Calcium	EPA 200.7	1008397-002	475	SC 464	475	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1008397-002	<0.005	1.02	1.01	1.00	mg/L	102	101	1 %
		Cobalt	EPA 200.7	1008397-002	0.026	1.04	1.03	1.00	mg/L	101	100	1 %
		Copper	EPA 200.7	1008397-002	0.084	5.46	5.42	5.00	mg/L	108	107	1 %
		Gallium	EPA 200.7	1008397-002	<0.100	0.965	0.961	1.00	mg/L	96	95	<1%
		Iron	EPA 200.7	1008397-002	<0.010	1.02	1.02	1.00	mg/L	102	102	<1%
		Lithium	EPA 200.7	1008397-002	0.131	1.23	1.23	1.00	mg/L	110	110	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1009045	MS 1	Magnesium	EPA 200.7	1008397-002	143	SC 144	147	10.0	mg/L	NC	NC	NC
		Manganese	EPA 200.7	1008397-002	36.2	35.5	36.0	1.00	mg/L	70	20	1 %
		Molybdenum	EPA 200.7	1008397-002	<0.010	1.05	1.05	1.00	mg/L	104	104	<1%
		Nickel	EPA 200.7	1008397-002	<0.010	5.13	5.10	5.00	mg/L	103	102	1 %
		Phosphorus	EPA 200.7	1008397-002	<0.500	5.46	5.44	5.00	mg/L	111	110	<1%
		Potassium	EPA 200.7	1008397-002	41.6	50.9	51.5	10.0	mg/L	93	99	1 %
		Scandium	EPA 200.7	1008397-002	<0.100	1.04	1.03	1.00	mg/L	104	103	1 %
		Silver	EPA 200.7	1008397-002	<0.005	0.094	0.095	0.090	mg/L	108	110	1 %
		Sodium	EPA 200.7	1008397-002	45.3	53.8	55.1	10.0	mg/L	85	98	2 %
		Strontium	EPA 200.7	1008397-002	2.48	3.37	3.46	1.00	mg/L	89	98	3 %
		Tin	EPA 200.7	1008397-002	<0.100	0.929	0.936	1.00	mg/L	104	104	1 %
		Titanium	EPA 200.7	1008397-002	<0.100	1.03	1.03	1.00	mg/L	103	103	<1%
		Vanadium	EPA 200.7	1008397-002	0.068	1.12	1.12	1.00	mg/L	105	105	<1%
		Zinc	EPA 200.7	1008397-002	0.468	1.45	1.44	1.00	mg/L	98	97	1 %
		Mercury	EPA 200.8	1008397-002	<0.000100	0.000977	0.000933	0.001	mg/L	98	93	5 %
		Antimony	EPA 200.8	1008397-002	<0.0025	0.0105	0.0102	0.010	mg/L	105	102	3 %
		Arsenic	EPA 200.8	1008397-002	<0.0050	0.0578	0.0562	0.050	mg/L	112	109	3 %
		Lead	EPA 200.8	1008397-002	0.0025	0.0124	0.0122	0.010	mg/L	99	97	2 %
		Selenium	EPA 200.8	1008397-002	0.0112	0.0702	0.0654	0.050	mg/L	118	108	7 %
		Thallium	EPA 200.8	1008397-002	<0.0010	0.0104	0.0099	0.010	mg/L	104	99	5 %
		Uranium	EPA 200.8	1008397-002	0.0160	0.0258	0.0248	0.010	mg/L	97	87	4 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1008397

Report 9/8/10

Due Date:

Page 1 of 1

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name RJ

Fax 775-356-8917

Project Name 3438

P.O. Number

Project Number

Email mli@mettest.com

Turnaround Time

Standard _____ 5-Day _____ Other _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Additional Information

Fax Results Y N To: Client Billing

Email Results Y N To: Client Billing

Compliance Monitoring Y N

Fax Results to State EPA Y N

Sample Type Codes

DW = Drinking Water SD = Solid

WW = Wastewater SO = Soil

SW = Surface Water HW = Hazardous Waste

MW = Monitoring Well OTHER: _____

SAMPLE ID/LOCATION	DATE	TIME	WW	2	X	Profile II w/o WRB	Analyses Requested										Spl. No.
							SAMPLE TYPE	NO. OF CONTAINERS									
604767 MWMP	8/24/10	0900	WW	2	X												19
605184 MWMP				2													21
604849 MWMP				2													22
604854 MWMP				2													23
604867 MWMP				2													24
604562 MWMP				2													25
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																	60

Instructions/Comments/Special Requirements:

1008 1

397 1

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 20°C	7/24	3:45	Toya Robins	Elijah
Custody Seals Intact? Y N None				
Number of Containers 10				

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

9/10/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008456

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/26/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008456

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1008456-004 Selenium

1008456-006 Mercury

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA -- Reported value was calculated using the method of Standard Additions.
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 9/10/2010

OrderID: 1008456

Customer Sample ID: 604606 MWMP

Collect Date/Time: 8/26/2010 09:00

WETLAB Sample ID: 1008456-001

Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.31	pH Units		8/26/2010
Bicarbonate (HCO3)	SM 2320B	120	mg/L	1.0	8/26/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Total Alkalinity	SM 2320B	98	mg/L as CaCO3	1.0	8/26/2010
Chloride	EPA 300.0	19	mg/L	1.0	8/27/2010
Fluoride	EPA 300.0	6.0	mg/L	1.0	8/27/2010
Sulfate	EPA 300.0	100	mg/L	1.0	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	0.033	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	8/30/2010
Aluminum	EPA 200.7	0.050	mg/L	0.045	9/3/2010
Barium	EPA 200.7	0.014	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.36	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Calcium	EPA 200.7	35	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	5.5	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	0.013	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.086	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	25	mg/L	0.50	9/3/2010

Customer Sample ID: 604606 MWMP
WETLAB Sample ID: 1008456-001

Collect Date/Time: 8/26/2010 09:00
Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Sodium	EPA 200.7	50	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	0.38	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	0.00043	mg/L	0.00010	9/7/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Selenium	EPA 200.8	0.0053	mg/L	0.0050	9/8/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/7/2010
Uranium	EPA 200.8	0.020	mg/L	0.010	9/7/2010
Anions	Calculation	4.90	meq/L	0.10	9/7/2010
Cations	Calculation	5.02	meq/L	0.10	9/7/2010
Error	Calculation	1.2	%	1.0	9/7/2010

Customer Sample ID: 604673 MWMP
WETLAB Sample ID: 1008456-002

Collect Date/Time: 8/26/2010 09:00
Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.33	pH Units		8/26/2010
Bicarbonate (HCO ₃)	SM 2320B	97	mg/L	1.0	8/26/2010
Carbonate (CO ₃)	SM 2320B	1.2	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Total Alkalinity	SM 2320B	82	mg/L as CaCO ₃	1.0	8/26/2010
Chloride	EPA 300.0	12	mg/L	1.0	8/27/2010
Fluoride	EPA 300.0	5.6	mg/L	1.0	8/27/2010
Sulfate	EPA 300.0	110	mg/L	1.0	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	0.23	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	8/30/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/3/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.23	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010

Customer Sample ID: 604673 MWMP
WETLAB Sample ID: 1008456-002

Collect Date/Time: 8/26/2010 09:00
Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	45	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	7.0	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.27	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	22	mg/L	0.50	9/3/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Sodium	EPA 200.7	34	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	0.35	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	0.0029	mg/L	0.00010	9/7/2010
Antimony	EPA 200.8	0.0028	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	0.0054	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Selenium	EPA 200.8	0.011	mg/L	0.0050	9/8/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/7/2010
Uranium	EPA 200.8	0.042	mg/L	0.010	9/7/2010
Anions	Calculation	4.55	meq/L	0.10	9/7/2010
Cations	Calculation	4.86	meq/L	0.10	9/7/2010
Error	Calculation	3.3	%	1.0	9/7/2010

Customer Sample ID: 604569 MWMP

Collect Date/Time: 8/26/2010 09:00

WETLAB Sample ID: 1008456-003

Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.25	pH Units		8/26/2010
Bicarbonate (HCO3)	SM 2320B	73	mg/L	1.0	8/26/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010

Customer Sample ID: 604569 MWMP
 WETLAB Sample ID: 1008456-003

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	60	mg/L as CaCO ₃	1.0	8/26/2010
Chloride	EPA 300.0	7.8	mg/L	1.0	8/27/2010
Fluoride	EPA 300.0	3.9	mg/L	0.10	8/27/2010
Sulfate	EPA 300.0	93	mg/L	1.0	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	0.028	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	8/30/2010
Aluminum	EPA 200.7	<0.22	mg/L	0.22	9/3/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.14	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Calcium	EPA 200.7	28	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	9.4	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	0.052	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.035	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	14	mg/L	0.50	9/3/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Sodium	EPA 200.7	31	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	0.21	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	0.013	mg/L	0.010	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	0.00035	mg/L	0.00010	9/7/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/8/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/7/2010
Uranium	EPA 200.8	0.019	mg/L	0.010	9/7/2010

Customer Sample ID: 604569 MWMP
 WETLAB Sample ID: 1008456-003

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.56	meq/L	0.10	9/7/2010
Cations	Calculation	3.89	meq/L	0.10	9/7/2010
Error	Calculation	4.4	%	1.0	9/7/2010

Customer Sample ID: 604571 MWMP
 WETLAB Sample ID: 1008456-004

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.36	pH Units		8/26/2010
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/26/2010
Carbonate (CO3)	SM 2320B	1.8	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Total Alkalinity	SM 2320B	91	mg/L as CaCO3	1.0	8/26/2010
Chloride	EPA 300.0	15	mg/L	1.0	8/27/2010
Fluoride	EPA 300.0	7.3	mg/L	1.0	8/27/2010
Sulfate	EPA 300.0	290	mg/L	10	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	550	mg/L	10	8/30/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/3/2010
Barium	EPA 200.7	0.042	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.19	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Calcium	EPA 200.7	64	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	14	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	0.062	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.058	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	40	mg/L	0.50	9/3/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010

Customer Sample ID: 604571 MWMP
 WETLAB Sample ID: 1008456-004

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	64	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	0.58	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	0.016	mg/L	0.010	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	0.00052	mg/L	0.00010	9/7/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Selenium	EPA 200.8	<0.010	mg/L	0.010	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/7/2010
Uranium	EPA 200.8	0.040	mg/L	0.010	9/7/2010
Anions	Calculation	8.71	meq/L	0.10	9/7/2010
Cations	Calculation	8.16	meq/L	0.10	9/7/2010
Error	Calculation	3.3	%	1.0	9/7/2010

Customer Sample ID: 605175 MWMP
 WETLAB Sample ID: 1008456-005

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.78	pH Units		8/26/2010
Bicarbonate (HCO ₃)	SM 2320B	94	mg/L	1.0	8/26/2010
Carbonate (CO ₃)	SM 2320B	7.0	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Total Alkalinity	SM 2320B	89	mg/L as CaCO ₃	1.0	8/26/2010
Chloride	EPA 300.0	6.8	mg/L	1.0	8/27/2010
Fluoride	EPA 300.0	3.1	mg/L	0.10	8/27/2010
Sulfate	EPA 300.0	140	mg/L	1.0	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	350	mg/L	10	8/30/2010
Aluminum	EPA 200.7	0.12	mg/L	0.045	9/3/2010
Barium	EPA 200.7	0.036	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.26	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Calcium	EPA 200.7	15	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010

Customer Sample ID: 605175 MWMP
WETLAB Sample ID: 1008456-005

Collect Date/Time: 8/26/2010 09:00
Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	6.6	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	0.0094	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.081	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	18	mg/L	0.50	9/3/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Sodium	EPA 200.7	84	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	1.3	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	0.019	mg/L	0.010	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	0.00019	mg/L	0.00010	9/7/2010
Antimony	EPA 200.8	0.0046	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	0.0078	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/7/2010
Selenium	EPA 200.8	0.0087	mg/L	0.0050	9/8/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/7/2010
Uranium	EPA 200.8	0.013	mg/L	0.010	9/7/2010
Anions	Calculation	5.04	meq/L	0.10	9/7/2010
Cations	Calculation	5.42	meq/L	0.10	9/7/2010
Error	Calculation	3.6	%	1.0	9/7/2010

Customer Sample ID: 604601 MWMP
WETLAB Sample ID: 1008456-006

Collect Date/Time: 8/26/2010 09:00
Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.47	pH Units		8/26/2010
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/26/2010
Carbonate (CO3)	SM 2320B	3.0	mg/L	1.0	8/26/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/26/2010
Total Alkalinity	SM 2320B	98	mg/L as CaCO3	1.0	8/26/2010
Chloride	EPA 300.0	16	mg/L	1.0	8/27/2010

Customer Sample ID: 604601 MWMP
 WETLAB Sample ID: 1008456-006

Collect Date/Time: 8/26/2010 09:00
 Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	5.0	mg/L	0.10	8/27/2010
Sulfate	EPA 300.0	150	mg/L	1.0	8/27/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/27/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/27/2010
Total Dissolved Solids (TDS)	SM 2540C	390	mg/L	10	8/30/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/3/2010
Barium	EPA 200.7	0.020	mg/L	0.010	9/3/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Boron	EPA 200.7	0.34	mg/L	0.10	9/3/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/3/2010
Calcium	EPA 200.7	45	mg/L	0.50	9/3/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Magnesium	EPA 200.7	8.7	mg/L	0.50	9/3/2010
Manganese	EPA 200.7	0.022	mg/L	0.0050	9/3/2010
Molybdenum	EPA 200.7	0.091	mg/L	0.010	9/3/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/3/2010
Potassium	EPA 200.7	42	mg/L	0.50	9/3/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/3/2010
Sodium	EPA 200.7	56	mg/L	0.50	9/3/2010
Strontium	EPA 200.7	0.44	mg/L	0.10	9/3/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/3/2010
Vanadium	EPA 200.7	<0.050	mg/L	0.050	9/3/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/3/2010
Mercury	EPA 200.8	<0.0002	mg/L	0.0002	9/9/2010
Antimony	EPA 200.8	0.0033	mg/L	0.0025	9/7/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/7/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/8/2010
Selenium	EPA 200.8	0.011	mg/L	0.0050	9/7/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/8/2010
Uranium	EPA 200.8	0.051	mg/L	0.010	9/7/2010
Anions	Calculation	5.74	meq/L	0.10	9/7/2010
Cations	Calculation	6.47	meq/L	0.10	9/7/2010

Customer Sample ID: 604601 MWMP

Collect Date/Time: 8/26/2010 09:00

WETLAB Sample ID: 1008456-006

Receive Date: 8/26/2010 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	6.0	%	1.0	9/7/2010

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1008767	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1008767	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1008767	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1008769	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1008769	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1008769	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1008771	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008771	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008771	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1008772	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008772	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008772	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1008773	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1008773	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1008773	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1009039	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1009039	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1009084	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1009160	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Uranium	EPA 200.8	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC1008727	LCS 1	pH	SM 4500-H+ B	7.03	7.00	100	pH Units	
QC1008727	LCS 2	pH	SM 4500-H+ B	7.03	7.00	100	pH Units	
QC1008729	LCS 1	Alkalinity	SM 2320B	94.2	100	94	mg/L	
QC1008767	LCS 1	Fluoride	EPA 300.0	2.10	2.00	105	mg/L	
QC1008769	LCS 1	Chloride	EPA 300.0	10.00	10.0	100	mg/L	
QC1008771	LCS 1	Nitrite Nitrogen	EPA 300.0	0.534	0.500	107	mg/L	
QC1008772	LCS 1	Nitrate Nitrogen	EPA 300.0	1.94	2.00	97	mg/L	
QC1008773	LCS 1	Sulfate	EPA 300.0	25.7	25.0	103	mg/L	
QC1009039	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L	
QC1009039	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	152	150	101	mg/L	
QC1009084	LCS 1	Aluminum	EPA 200.7	1.09	1.00	109	mg/L	
		Barium	EPA 200.7	1.07	1.00	107	mg/L	
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L	
		Bismuth	EPA 200.7	1.09	1.00	109	mg/L	
		Boron	EPA 200.7	1.06	1.00	106	mg/L	
		Cadmium	EPA 200.7	1.08	1.00	108	mg/L	
		Calcium	EPA 200.7	10.5	10.0	105	mg/L	
		Chromium	EPA 200.7	1.07	1.00	107	mg/L	
		Cobalt	EPA 200.7	1.07	1.00	107	mg/L	
		Copper	EPA 200.7	5.40	5.00	108	mg/L	
		Gallium	EPA 200.7	1.08	1.00	108	mg/L	
		Iron	EPA 200.7	1.07	1.00	107	mg/L	
		Lithium	EPA 200.7	1.06	1.00	106	mg/L	
		Magnesium	EPA 200.7	10.6	10.0	106	mg/L	
		Manganese	EPA 200.7	1.06	1.00	106	mg/L	
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L	
		Nickel	EPA 200.7	5.36	5.00	107	mg/L	
		Phosphorus	EPA 200.7	5.33	5.00	107	mg/L	
		Potassium	EPA 200.7	10.9	10.0	109	mg/L	
		Scandium	EPA 200.7	1.08	1.00	108	mg/L	
		Silver	EPA 200.7	0.098	0.090	109	mg/L	
		Sodium	EPA 200.7	10.8	10.0	108	mg/L	
		Strontium	EPA 200.7	1.08	1.00	108	mg/L	
		Tin	EPA 200.7	1.05	1.00	105	mg/L	
		Titanium	EPA 200.7	1.10	1.00	110	mg/L	
		Vanadium	EPA 200.7	1.07	1.00	107	mg/L	
		Zinc	EPA 200.7	1.09	1.00	109	mg/L	
QC1009160	LCS 1	Mercury	EPA 200.8	0.000970	0.001	97	mg/L	
		Antimony	EPA 200.8	0.0095	0.010	95	mg/L	
		Arsenic	EPA 200.8	0.0493	0.050	99	mg/L	
		Lead	EPA 200.8	0.0095	0.010	95	mg/L	
		Selenium	EPA 200.8	0.0491	0.050	98	mg/L	
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L	
		Uranium	EPA 200.8	<0.0100	0.010	93	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008727	Duplicate 1	pH	SM 4500-H+ B	1008436-001	7.74	7.70	pH Units	1 %
QC1008727	Duplicate 2	pH	SM 4500-H+ B	1008436-008	7.62	7.58	pH Units	1 %
QC1008727	Duplicate 3	pH	SM 4500-H+ B	1008436-001	8.31	8.34	pH Units	<1%
QC1008729	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008436-001	274	275	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1008436-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008436-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008729	Duplicate 2	Total Alkalinity	SM 2320B	1008436-001	225	225	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1008436-008	378	378	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1008436-008	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1008436-008	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1008436-008	310	310	mg/L as CaCO ₃	<1%
QC1009039	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008440-001	764	761	mg/L	<1%
QC1009039	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008456-001	321	319	mg/L	1 %
QC1009039	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008460-005	319	323	mg/L	1 %
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	RPD
QC1008767	MS 1	Fluoride	EPA 300.0	1008456-001	6.05	24.0	25.1	4 %
		Fluoride	EPA 300.0	1008454-001	1.66	5.54	5.36	3 %
		Chloride	EPA 300.0	1008456-001	18.7	23.6	23.7	<1%
		Chloride	EPA 300.0	1008454-001	1.10	11.4	11.4	<1%
		Nitrite Nitrogen	EPA 300.0	1008456-001	0.033	0.566	0.599	6 %
		Nitrite Nitrogen	EPA 300.0	1008454-001	<0.050	1.14	1.13	1 %
		Nitrate Nitrogen	EPA 300.0	1008456-001	<1.000	2.08	2.13	2 %
		Nitrate Nitrogen	EPA 300.0	1008460-001	<1.000	2.32	2.33	<1%
		Sulfate	EPA 300.0	1008456-001	101	109	10.0	100
		Sulfate	EPA 300.0	1008460-001	57.6	66.7	10.0	101
		Aluminum	EPA 200.7	1008436-002	<0.045	1.07	1.05	2 %
		Barium	EPA 200.7	1008436-002	<0.010	1.10	1.08	2 %
		Beryllium	EPA 200.7	1008436-002	<0.001	1.08	1.07	1 %
		Bismuth	EPA 200.7	1008436-002	<0.100	1.08	1.07	1 %
		Boron	EPA 200.7	1008436-002	0.151	1.30	1.29	1 %
		Cadmium	EPA 200.7	1008436-002	<0.001	1.10	1.08	2 %
		Calcium	EPA 200.7	1008436-002	47.6	57.1	57.1	<1%
		Chromium	EPA 200.7	1008436-002	<0.005	1.10	1.08	2 %
		Cobalt	EPA 200.7	1008436-002	<0.010	1.07	1.05	2 %
		Copper	EPA 200.7	1008436-002	<0.050	5.45	5.36	2 %
		Gallium	EPA 200.7	1008436-002	<0.100	1.08	1.05	3 %
		Iron	EPA 200.7	1008436-002	8.92	9.64	9.65	<1%
		Lithium	EPA 200.7	1008436-002	<0.100	1.11	1.10	1 %
		Magnesium	EPA 200.7	1008436-002	85.2	93.4	93.8	1 %
		Manganese	EPA 200.7	1008436-002	0.288	1.34	1.33	1 %
QC1009160	MS 1	Molybdenum	EPA 200.7	1008436-002	<0.010	1.10	1.09	1 %
		Nickel	EPA 200.7	1008436-002	<0.010	5.25	5.17	2 %
		Phosphorus	EPA 200.7	1008436-002	<0.500	5.81	5.72	2 %
		Potassium	EPA 200.7	1008436-002	4.63	15.7	15.6	1 %
		Scandium	EPA 200.7	1008436-002	<0.100	1.11	1.09	2 %
		Silver	EPA 200.7	1008436-002	<0.005	0.096	0.093	3 %
		Sodium	EPA 200.7	1008436-002	42.1	51.4	50.9	1 %
		Strontium	EPA 200.7	1008436-002	0.102	1.15	1.13	2 %
		Tin	EPA 200.7	1008436-002	<0.100	1.05	1.05	<1%
		Titanium	EPA 200.7	1008436-002	<0.100	1.12	1.11	1 %
		Vanadium	EPA 200.7	1008436-002	0.056	1.18	1.16	2 %
		Zinc	EPA 200.7	1008436-002	<0.010	1.10	1.09	1 %
		Mercury	EPA 200.8	1008436-002	<0.000100	0.000961	0.001000	4 %
		Antimony	EPA 200.8	1008436-002	<0.0025	0.0096	0.0099	3 %
		Arsenic	EPA 200.8	1008436-002	<0.0050	0.0499	0.0509	2 %
		Lead	EPA 200.8	1008436-002	<0.0025	0.0095	0.0096	1 %
		Selenium	EPA 200.8	1008436-002	<0.0050	M	0.0232	NC
		Thallium	EPA 200.8	1008436-002	<0.0010	0.0095	0.0096	1 %
		Uranium	EPA 200.8	1008436-002	<0.0100	0.0125	0.0104	18 %



3438 - Profile II Wlo WAD uWMP

475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

9/13/2010

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1008487

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/30/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,


Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1008487

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 9/13/2010

OrderID: 1008487

Customer Sample ID: 604862 MWMP **Collect Date/Time:** 8/30/2010 09:00
WETLAB Sample ID: 1008487-001 **Receive Date:** 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.11	pH Units		8/31/2010
Bicarbonate (HCO ₃)	SM 2320B	150	mg/L	1.0	8/31/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	8/31/2010
Chloride	EPA 300.0	12	mg/L	1.0	8/31/2010
Fluoride	EPA 300.0	5.5	mg/L	1.0	8/31/2010
Sulfate	EPA 300.0	280	mg/L	10	8/31/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	580	mg/L	10	8/31/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/8/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.14	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Calcium	EPA 200.7	88	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	18	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.088	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	22	mg/L	0.50	9/8/2010

Customer Sample ID: 604862 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-001

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Sodium	EPA 200.7	44	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	2.2	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	0.027	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	0.018	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	0.019	mg/L	0.010	9/9/2010
Anions	Calculation	8.92	meq/L	0.10	9/8/2010
Cations	Calculation	8.35	meq/L	0.10	9/8/2010
Error	Calculation	3.3	%	1.0	9/8/2010

Customer Sample ID: 604734 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-002

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.74	pH Units		8/31/2010
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	8/31/2010
Carbonate (CO ₃)	SM 2320B	6.9	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	8/31/2010
Chloride	EPA 300.0	27	mg/L	1.0	8/31/2010
Fluoride	EPA 300.0	9.0	mg/L	1.0	8/31/2010
Sulfate	EPA 300.0	100	mg/L	10	8/31/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	360	mg/L	10	8/31/2010
Aluminum	EPA 200.7	0.055	mg/L	0.045	9/8/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.32	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010

Customer Sample ID: 604734 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-002

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	18	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	6.1	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	0.0072	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.094	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	17	mg/L	0.50	9/8/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Sodium	EPA 200.7	85	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	0.50	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	0.019	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	0.00056	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	0.0066	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/9/2010
Anions	Calculation	5.68	meq/L	0.10	9/8/2010
Cations	Calculation	5.54	meq/L	0.10	9/8/2010
Error	Calculation	1.2	%	1.0	9/8/2010

Customer Sample ID: 604552 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-003

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.27	pH Units		8/31/2010
Bicarbonate (HCO3)	SM 2320B	120	mg/L	1.0	8/31/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010

Customer Sample ID: 604552 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-003

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	100	mg/L as CaCO ₃	1.0	8/31/2010
Chloride	EPA 300.0	16	mg/L	1.0	8/31/2010
Fluoride	EPA 300.0	8.0	mg/L	1.0	8/31/2010
Sulfate	EPA 300.0	200	mg/L	10	8/31/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	0.17	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	450	mg/L	10	8/31/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/8/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.17	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Calcium	EPA 200.7	62	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	10	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	0.023	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.035	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	12	mg/L	0.50	9/8/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Sodium	EPA 200.7	54	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	0.49	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	0.016	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	0.0020	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	0.052	mg/L	0.010	9/9/2010

Customer Sample ID: 604552 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-003

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	7.00	meq/L	0.10	9/8/2010
Cations	Calculation	6.57	meq/L	0.10	9/8/2010
Error	Calculation	3.2	%	1.0	9/8/2010

Customer Sample ID: 604669 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-004

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.39	pH Units		8/31/2010
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	8/31/2010
Carbonate (CO ₃)	SM 2320B	2.4	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Total Alkalinity	SM 2320B	97	mg/L as CaCO ₃	1.0	8/31/2010
Chloride	EPA 300.0	21	mg/L	1.0	8/31/2010
Fluoride	EPA 300.0	6.6	mg/L	1.0	8/31/2010
Sulfate	EPA 300.0	260	mg/L	10	8/31/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	0.22	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	560	mg/L	10	8/31/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/8/2010
Barium	EPA 200.7	0.013	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.21	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Calcium	EPA 200.7	83	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	13	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	0.043	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.12	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	24	mg/L	0.50	9/8/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010

Customer Sample ID: 604669 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-004

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	42	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	0.75	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	0.020	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	0.0018	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	0.0029	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	0.017	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	0.056	mg/L	0.010	9/9/2010
Anions	Calculation	8.24	meq/L	0.10	9/8/2010
Cations	Calculation	7.65	meq/L	0.10	9/8/2010
Error	Calculation	3.7	%	1.0	9/8/2010

Customer Sample ID: 605153 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-005

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.15	pH Units		8/31/2010
Bicarbonate (HCO ₃)	SM 2320B	76	mg/L	1.0	8/31/2010
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Total Alkalinity	SM 2320B	63	mg/L as CaCO ₃	1.0	8/31/2010
Chloride	EPA 300.0	7.8	mg/L	1.0	8/31/2010
Fluoride	EPA 300.0	5.0	mg/L	1.0	8/31/2010
Sulfate	EPA 300.0	120	mg/L	10	8/31/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	0.043	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	270	mg/L	10	8/31/2010
Aluminum	EPA 200.7	0.066	mg/L	0.045	9/8/2010
Barium	EPA 200.7	0.039	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.29	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Calcium	EPA 200.7	18	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010

Customer Sample ID: 605153 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-005

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	4.2	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	0.0090	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.021	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	13	mg/L	0.50	9/8/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Sodium	EPA 200.7	52	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	1.2	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/9/2010
Anions	Calculation	4.23	meq/L	0.10	9/8/2010
Cations	Calculation	3.85	meq/L	0.10	9/8/2010
Error	Calculation	4.7	%	1.0	9/8/2010

Customer Sample ID: 604656 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-006

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.27	pH Units		8/31/2010
Bicarbonate (HCO3)	SM 2320B	130	mg/L	1.0	8/31/2010
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/31/2010
Total Alkalinity	SM 2320B	100	mg/L as CaCO3	1.0	8/31/2010
Chloride	EPA 300.0	91	mg/L	1.0	8/31/2010

Customer Sample ID: 604656 MWMP

Collect Date/Time: 8/30/2010 09:00

WETLAB Sample ID: 1008487-006

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	6.5	mg/L	1.0	9/1/2010
Sulfate	EPA 300.0	140	mg/L	10	9/1/2010
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/31/2010
Nitrite Nitrogen	EPA 300.0	0.35	mg/L	0.025	8/31/2010
Total Dissolved Solids (TDS)	SM 2540C	540	mg/L	10	8/31/2010
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/8/2010
Barium	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Boron	EPA 200.7	0.12	mg/L	0.10	9/8/2010
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/8/2010
Calcium	EPA 200.7	79	mg/L	0.50	9/8/2010
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Copper	EPA 200.7	<0.050	mg/L	0.050	9/8/2010
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Iron	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Magnesium	EPA 200.7	13	mg/L	0.50	9/8/2010
Manganese	EPA 200.7	0.018	mg/L	0.0050	9/8/2010
Molybdenum	EPA 200.7	0.15	mg/L	0.010	9/8/2010
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/8/2010
Potassium	EPA 200.7	16	mg/L	0.50	9/8/2010
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/8/2010
Sodium	EPA 200.7	45	mg/L	0.50	9/8/2010
Strontium	EPA 200.7	0.80	mg/L	0.10	9/8/2010
Tin	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/8/2010
Vanadium	EPA 200.7	0.019	mg/L	0.010	9/8/2010
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/8/2010
Mercury	EPA 200.8	0.0009	mg/L	0.00010	9/9/2010
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/9/2010
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/9/2010
Selenium	EPA 200.8	0.0096	mg/L	0.0050	9/9/2010
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/9/2010
Uranium	EPA 200.8	0.029	mg/L	0.010	9/9/2010
Anions	Calculation	7.95	meq/L	0.10	9/8/2010
Cations	Calculation	7.38	meq/L	0.10	9/8/2010

Customer Sample ID: 604656 MWMP
WETLAB Sample ID: 1008487-006

Collect Date/Time: 8/30/2010 09:00

Receive Date: 8/30/2010 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	3.8	%	1.0	9/8/2010

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1009016	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1009016	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1009016	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1009018	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1009018	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1009018	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1009020	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1009020	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1009020	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1009022	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1009022	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1009022	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1009024	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1009024	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1009024	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1009072	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1009072	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1009151	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1009198	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Uranium	EPA 200.8	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC1008808	LCS 1	pH	SM 4500-H+B	7.01	7.00	100	pH Units	
QC1008808	LCS 2	pH	SM 4500-H+B	7.01	7.00	100	pH Units	
QC1008810	LCS 1	Alkalinity	SM 2320B	93.4	100	93	mg/L	
QC1008810	LCS 2	Alkalinity	SM 2320B	94.0	100	94	mg/L	
QC1009016	LCS 1	Fluoride	EPA 300.0	2.18	2.00	109	mg/L	
QC1009018	LCS 1	Chloride	EPA 300.0	9.96	10.0	100	mg/L	
QC1009020	LCS 1	Nitrite Nitrogen	EPA 300.0	0.529	0.500	106	mg/L	
QC1009022	LCS 1	Nitrate Nitrogen	EPA 300.0	1.93	2.00	96	mg/L	
QC1009024	LCS 1	Sulfate	EPA 300.0	26.1	25.0	104	mg/L	
QC1009072	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	163	150	108	mg/L	
QC1009072	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC1009151	LCS 1	Aluminum	EPA 200.7	0.990	1.00	99	mg/L	
		Barium	EPA 200.7	0.941	1.00	94	mg/L	
		Beryllium	EPA 200.7	0.958	1.00	96	mg/L	
		Bismuth	EPA 200.7	0.968	1.00	97	mg/L	
		Boron	EPA 200.7	0.941	1.00	94	mg/L	
		Cadmium	EPA 200.7	0.937	1.00	94	mg/L	
		Calcium	EPA 200.7	9.51	10.0	95	mg/L	
		Chromium	EPA 200.7	0.946	1.00	95	mg/L	
		Cobalt	EPA 200.7	0.931	1.00	93	mg/L	
		Copper	EPA 200.7	4.84	5.00	97	mg/L	
		Gallium	EPA 200.7	0.975	1.00	98	mg/L	
		Iron	EPA 200.7	0.957	1.00	96	mg/L	
		Lithium	EPA 200.7	0.966	1.00	97	mg/L	
		Magnesium	EPA 200.7	9.44	10.0	94	mg/L	
		Manganese	EPA 200.7	0.947	1.00	95	mg/L	
		Molybdenum	EPA 200.7	0.912	1.00	91	mg/L	
		Nickel	EPA 200.7	4.68	5.00	94	mg/L	
		Phosphorus	EPA 200.7	4.52	5.00	90	mg/L	
		Potassium	EPA 200.7	9.82	10.0	98	mg/L	
		Scandium	EPA 200.7	0.973	1.00	97	mg/L	
		Silver	EPA 200.7	0.090	0.090	99	mg/L	
		Sodium	EPA 200.7	10.1	10.0	101	mg/L	
		Strontium	EPA 200.7	0.998	1.00	100	mg/L	
		Tin	EPA 200.7	0.898	1.00	90	mg/L	
		Titanium	EPA 200.7	0.964	1.00	96	mg/L	
		Vanadium	EPA 200.7	0.955	1.00	96	mg/L	
		Zinc	EPA 200.7	0.927	1.00	93	mg/L	
QC1009198	LCS 1	Mercury	EPA 200.8	0.001071	0.001	107	mg/L	
		Antimony	EPA 200.8	0.0107	0.010	106	mg/L	
		Arsenic	EPA 200.8	0.0513	0.050	103	mg/L	
		Lead	EPA 200.8	0.0099	0.010	99	mg/L	
		Selenium	EPA 200.8	0.0469	0.050	94	mg/L	
		Thallium	EPA 200.8	0.0098	0.010	98	mg/L	
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1008808	Duplicate 1	pH	SM 4500-H+B	1008487-001	8.11	8.13	pH Units	<1%
QC1008808	Duplicate 2	pH	SM 4500-H+B	1008489-002	8.10	8.19	pH Units	1 %
QC1008808	Duplicate 3	pH	SM 4500-H+B	1008489-011	7.04	7.09	pH Units	1 %
QC1008810	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1008487-001	147	146	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1008487-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1008810	Duplicate 2	Hydroxide (OH)	SM 2320B	1008487-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008487-001	121	119	mg/L as CaCO ₃	1 %				
		Bicarbonate (HCO ₃)	SM 2320B	1008489-002	54.6	53.5	mg/L	2 %				
		Carbonate (CO ₃)	SM 2320B	1008489-002	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008489-002	<1.000	<1.000	mg/L	<1%				
QC1008810	Duplicate 3	Total Alkalinity	SM 2320B	1008489-002	44.7	43.9	mg/L as CaCO ₃	2 %				
		Bicarbonate (HCO ₃)	SM 2320B	1008489-011	7.99	7.85	mg/L	2 %				
		Carbonate (CO ₃)	SM 2320B	1008489-011	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1008489-011	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1008489-011	6.55	6.44	mg/L as CaCO ₃	2 %				
QC1009072	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1008474-001	86.0	83.0	mg/L	4 %				
QC1009072	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1008487-004	563	551	mg/L	2 %				
QC1009072	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1008489-008	46.0	42.0	mg/L	9 %				
QC1009072	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1008490-003	1180	1174	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC100916	MS 1	Fluoride	EPA 300.0	1008486-001	0.102	2.15	2.12	2.00	mg/L	103	101	1 %
		Fluoride	EPA 300.0	1008489-002	0.428	2.24	2.37	2.00	mg/L	91	97	6 %
		Chloride	EPA 300.0	1008486-001	<1.000	5.26	5.35	5.00	mg/L	103	104	2 %
		Chloride	EPA 300.0	1008489-002	<1.000	5.19	5.28	5.00	mg/L	102	104	2 %
		Nitrite Nitrogen	EPA 300.0	1008486-001	<0.025	0.556	0.566	0.500	mg/L	110	112	2 %
		Nitrite Nitrogen	EPA 300.0	1008489-002	<0.025	0.562	0.569	0.500	mg/L	111	112	1 %
		Nitrate Nitrogen	EPA 300.0	1008486-001	<1.000	2.02	2.06	2.00	mg/L	99	101	2 %
		Nitrate Nitrogen	EPA 300.0	1008489-002	<1.000	2.58	2.62	2.00	mg/L	99	101	2 %
		Sulfate	EPA 300.0	1008486-001	16.0	25.1	25.1	10.0	mg/L	91	91	<1%
		Sulfate	EPA 300.0	1008489-002	1.30	11.6	11.8	10.0	mg/L	103	105	2 %
		Aluminum	EPA 200.7	1008487-001	<0.045	0.969	0.962	1.00	mg/L	94	93	1 %
		Barium	EPA 200.7	1008487-001	<0.010	0.930	0.910	1.00	mg/L	92	90	2 %
		Beryllium	EPA 200.7	1008487-001	<0.001	0.982	0.960	1.00	mg/L	98	96	2 %
		Bismuth	EPA 200.7	1008487-001	<0.100	0.916	0.897	1.00	mg/L	94	93	2 %
		Boron	EPA 200.7	1008487-001	0.143	1.12	1.10	1.00	mg/L	98	96	2 %
		Cadmium	EPA 200.7	1008487-001	<0.001	0.927	0.899	1.00	mg/L	93	90	3 %
		Calcium	EPA 200.7	1008487-001	88.0	96.9	98.4	10.0	mg/L	89	104	2 %
		Chromium	EPA 200.7	1008487-001	<0.005	0.944	0.923	1.00	mg/L	94	92	2 %
		Cobalt	EPA 200.7	1008487-001	<0.010	0.922	0.898	1.00	mg/L	92	90	3 %
		Copper	EPA 200.7	1008487-001	<0.050	4.91	4.84	5.00	mg/L	98	96	1 %
		Gallium	EPA 200.7	1008487-001	<0.100	0.960	0.936	1.00	mg/L	96	93	3 %
		Iron	EPA 200.7	1008487-001	<0.010	0.987	0.964	1.00	mg/L	99	96	2 %
		Lithium	EPA 200.7	1008487-001	<0.100	0.989	0.983	1.00	mg/L	94	93	1 %
		Magnesium	EPA 200.7	1008487-001	18.4	27.6	27.4	10.0	mg/L	92	90	1 %
		Manganese	EPA 200.7	1008487-001	<0.005	0.943	0.923	1.00	mg/L	94	92	2 %
		Molybdenum	EPA 200.7	1008487-001	0.088	1.02	1.01	1.00	mg/L	93	92	1 %
		Nickel	EPA 200.7	1008487-001	<0.010	4.55	4.43	5.00	mg/L	91	89	3 %
		Phosphorus	EPA 200.7	1008487-001	<0.500	4.94	4.75	5.00	mg/L	99	95	4 %
		Potassium	EPA 200.7	1008487-001	21.5	31.1	31.4	10.0	mg/L	96	99	1 %
		Scandium	EPA 200.7	1008487-001	<0.100	0.982	0.968	1.00	mg/L	98	97	1 %
		Silver	EPA 200.7	1008487-001	<0.005	0.090	0.089	0.090	mg/L	100	99	1 %
		Sodium	EPA 200.7	1008487-001	44.3	53.1	54.5	10.0	mg/L	88	102	3 %
		Strontium	EPA 200.7	1008487-001	2.17	3.11	3.19	1.00	mg/L	94	102	3 %
		Tin	EPA 200.7	1008487-001	<0.100	0.814	0.796	1.00	mg/L	94	93	2 %
		Titanium	EPA 200.7	1008487-001	<0.100	0.982	0.977	1.00	mg/L	98	98	1 %
		Vanadium	EPA 200.7	1008487-001	0.027	1.01	0.988	1.00	mg/L	98	96	2 %
		Zinc	EPA 200.7	1008487-001	<0.010	0.949	0.917	1.00	mg/L	95	91	3 %
QC1009198	MS 1	Mercury	EPA 200.8	1008487-001	<0.000100	0.001082	0.001093	0.001	mg/L	108	109	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Antimony	EPA 200.8	1008487-001	<0.0025	0.0126	0.0121	0.010	mg/L	109	105	4 %
		Arsenic	EPA 200.8	1008487-001	<0.0050	0.0564	0.0551	0.050	mg/L	108	105	2 %
		Lead	EPA 200.8	1008487-001	<0.0025	0.0102	0.0102	0.010	mg/L	102	102	<1%
		Selenium	EPA 200.8	1008487-001	0.0177	0.0650	0.0642	0.050	mg/L	95	93	1 %
		Thallium	EPA 200.8	1008487-001	<0.0010	0.0101	0.0101	0.010	mg/L	101	101	<1%
		Uranium	EPA 200.8	1008487-001	0.0191	0.0286	0.0275	0.010	mg/L	95	84	4 %

Specializing in Soil, Hazardous Waste and Water Analysis.

3/30/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1203375

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 3/19/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - I203375

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1203375-005 Iron

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 3/30/2012

OrderID: 1203375

Customer Sample ID: CF-11-01-B, 268.8-292 MWMP

Collect Date/Time: 3/19/2012 09:00

WETLAB Sample ID: 1203375-001

Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.98	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	59	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	48	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	2.0	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	0.93	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	99	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.038	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	3/21/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/28/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Calcium	EPA 200.7	43	mg/L	0.50	3/28/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Magnesium	EPA 200.7	6.8	mg/L	0.50	3/28/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Molybdenum	EPA 200.7	0.064	mg/L	0.010	3/28/2012

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Customer Sample ID: CF-11-01-B, 268.8-292 MWMP
 WETLAB Sample ID: 1203375-001

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Potassium	EPA 200.7	3.4	mg/L	0.50	3/28/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Sodium	EPA 200.7	8.3	mg/L	0.50	3/28/2012
Strontium	EPA 200.7	0.39	mg/L	0.10	3/28/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Vanadium	EPA 200.7	0.014	mg/L	0.010	3/28/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Mercury	EPA 200.8	0.0019	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	3.13	meq/L	0.10	
Cations	Calculation	3.15	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: CF-11-03, 23.9-53.2 MWMP
 WETLAB Sample ID: 1203375-002

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.58	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	15	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	13	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	<0.10	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	2.2	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.027	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	25	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.089	mg/L	0.045	3/28/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012

Customer Sample ID: CF-11-03, 23.9-53.2 MWMP
 WETLAB Sample ID: 1203375-002

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Calcium	EPA 200.7	4.4	mg/L	0.50	3/28/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Sodium	EPA 200.7	1.0	mg/L	0.50	3/28/2012
Strontium	EPA 200.7	0.14	mg/L	0.10	3/28/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Vanadium	EPA 200.7	0.012	mg/L	0.010	3/28/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.29	meq/L	0.10	
Cations	Calculation	0.27	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: CF-11-10, 565.1-585 MWMP
 WETLAB Sample ID: 1203375-003

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.66	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	22	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	18	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	0.24	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	7.6	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.033	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	27	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.062	mg/L	0.045	3/28/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Calcium	EPA 200.7	4.3	mg/L	0.50	3/28/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Magnesium	EPA 200.7	0.78	mg/L	0.50	3/28/2012
Manganese	EPA 200.7	0.0059	mg/L	0.0050	3/28/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Potassium	EPA 200.7	1.3	mg/L	0.50	3/28/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Sodium	EPA 200.7	5.7	mg/L	0.50	3/28/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/28/2012

Customer Sample ID: CF-11-10, 565.1-585 MWMP
 WETLAB Sample ID: 1203375-003

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Mercury	EPA 200.8	0.00015	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.53	meq/L	0.10	
Cations	Calculation	0.57	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: CF-11-09, 588-628 MWMP
 WETLAB Sample ID: 1203375-004

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		3/19/2012
Bicarbonate (HCO3)	SM 2320B	18	mg/L	1.0	3/19/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	14	mg/L as CaCO3	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	0.14	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	2.2	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.027	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	17	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.064	mg/L	0.045	3/28/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Calcium	EPA 200.7	4.5	mg/L	0.50	3/28/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012

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Customer Sample ID: CF-11-09, 588-628 MWMP
 WETLAB Sample ID: 1203375-004

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Manganese	EPA 200.7	0.0065	mg/L	0.0050	3/28/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Potassium	EPA 200.7	0.56	mg/L	0.50	3/28/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Sodium	EPA 200.7	1.4	mg/L	0.50	3/28/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.35	meq/L	0.10	
Cations	Calculation	0.31	meq/L	0.10	
Error	Calculation	6.3	%	1.0	

Customer Sample ID: CF-11-03, 922-949.5 MWMP
 WETLAB Sample ID: 1203375-005

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.30	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	14	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	11	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	<0.10	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	1.2	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.027	mg/L	0.025	3/20/2012

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Customer Sample ID: CF-11-03, 922-949.5 MWMP
 WETLAB Sample ID: 1203375-005

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Dissolved Solids (TDS)	SM 2540C	23	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.047	mg/L	0.045	3/28/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/28/2012
Calcium	EPA 200.7	3.0	mg/L	0.50	3/28/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	3/28/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/28/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/28/2012
Sodium	EPA 200.7	1.4	mg/L	0.50	3/28/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/28/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/28/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.25	meq/L	0.10	
Cations	Calculation	0.22	meq/L	0.10	
Error	Calculation	8.2	%	1.0	

Customer Sample ID: CF-11-10-B, 1000-1035 MWMP
 WETLAB Sample ID: 1203375-006

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.68	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	25	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	20	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	0.18	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	4.0	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.028	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	24	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.055	mg/L	0.045	3/27/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Calcium	EPA 200.7	2.1	mg/L	0.50	3/27/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/27/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Magnesium	EPA 200.7	0.62	mg/L	0.50	3/27/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Molybdenum	EPA 200.7	0.016	mg/L	0.010	3/27/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Potassium	EPA 200.7	0.97	mg/L	0.50	3/27/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Sodium	EPA 200.7	8.5	mg/L	0.50	3/27/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/27/2012

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Customer Sample ID: CF-11-10-B, 1000-1035 MWMP
 WETLAB Sample ID: 1203375-006

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.50	meq/L	0.10	
Cations	Calculation	0.56	meq/L	0.10	
Error	Calculation	5.1	%	1.0	

Customer Sample ID: CF-11-07, 312-346.6 MWMP
 WETLAB Sample ID: 1203375-007

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.33	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	17	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	14	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	<0.10	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	3.2	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.028	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	40	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.058	mg/L	0.045	3/27/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Calcium	EPA 200.7	4.7	mg/L	0.50	3/27/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/27/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012

Customer Sample ID: CF-11-07, 312-346.6 MWMP
WETLAB Sample ID: 1203375-007

Collect Date/Time: 3/19/2012 09:00
Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Manganese	EPA 200.7	0.0096	mg/L	0.0050	3/27/2012
Molybdenum	EPA 200.7	0.018	mg/L	0.010	3/27/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Potassium	EPA 200.7	0.50	mg/L	0.50	3/27/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Sodium	EPA 200.7	2.2	mg/L	0.50	3/27/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.35	meq/L	0.10	
Cations	Calculation	0.35	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: CF-11-02, 0-27 MWMP
WETLAB Sample ID: 1203375-008

Collect Date/Time: 3/19/2012 09:00
Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.27	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	21	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	17	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	1.1	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	0.62	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	5.0	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.030	mg/L	0.025	3/20/2012

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Customer Sample ID: CF-11-02, 0-27 MWMP
 WETLAB Sample ID: 1203375-008

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Dissolved Solids (TDS)	SM 2540C	31	mg/L	10	3/21/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/27/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Calcium	EPA 200.7	5.6	mg/L	0.50	3/27/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/27/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Magnesium	EPA 200.7	0.83	mg/L	0.50	3/27/2012
Manganese	EPA 200.7	0.0075	mg/L	0.0050	3/27/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Potassium	EPA 200.7	0.60	mg/L	0.50	3/27/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Sodium	EPA 200.7	3.6	mg/L	0.50	3/27/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/29/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.51	meq/L	0.10	
Cations	Calculation	0.52	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: CF-11-02, 147-181 MWMP
 WETLAB Sample ID: 1203375-009

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.99	pH Units		3/19/2012
Bicarbonate (HCO ₃)	SM 2320B	8.4	mg/L	1.0	3/19/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	6.9	mg/L as CaCO ₃	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	<0.10	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	0.030	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	12	mg/L	10	3/21/2012
Aluminum	EPA 200.7	0.048	mg/L	0.045	3/27/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Calcium	EPA 200.7	2.7	mg/L	0.50	3/27/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/27/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Manganese	EPA 200.7	0.011	mg/L	0.0050	3/27/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Sodium	EPA 200.7	0.58	mg/L	0.50	3/27/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/27/2012

Customer Sample ID: CF-11-02, 147-181 MWMP
 WETLAB Sample ID: 1203375-009

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/28/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	0.14	meq/L	0.10	
Cations	Calculation	0.17	meq/L	0.10	
Error	Calculation	9.2	%	1.0	

Customer Sample ID: CF-11-02, 367-408 MWMP
 WETLAB Sample ID: 1203375-010

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.86	pH Units		3/19/2012
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/19/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	3/19/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/20/2012
Fluoride	EPA 300.0	<0.10	mg/L	0.10	3/20/2012
Sulfate	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/20/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/20/2012
Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	10	3/21/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/27/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/27/2012
Calcium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/27/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012

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Customer Sample ID: CF-11-02, 367-408 MWMP
 WETLAB Sample ID: 1203375-010

Collect Date/Time: 3/19/2012 09:00
 Receive Date: 3/19/2012 15:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/27/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/27/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/27/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/27/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/28/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/28/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/28/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/28/2012
Anions	Calculation	<0.10	meq/L	0.10	
Cations	Calculation	<0.10	meq/L	0.10	
Error	Calculation	NA	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12030720	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12030720	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12030720	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12030722	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12030722	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12030722	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12030724	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030724	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030724	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030725	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030725	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030725	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030726	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12030726	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12030726	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12030848	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030848	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030848	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030942	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC12030961	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L

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QCBatchID	QCType	Parameter	Method	Result	Units
QC12031008	Blank 1	Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC12031031	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12030669	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC12030670	LCS 1	Alkalinity	SM 2320B	103	100	103	mg/L
QC12030720	LCS 1	Fluoride	EPA 300.0	1.89	2.00	95	mg/L
QC12030722	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC12030724	LCS 1	Nitrite Nitrogen	EPA 300.0	0.513	0.500	103	mg/L
QC12030725	LCS 1	Nitrate Nitrogen	EPA 300.0	2.01	2.00	101	mg/L
QC12030726	LCS 1	Sulfate	EPA 300.0	24.3	25.0	97	mg/L
QC12030848	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	148	150	99	mg/L
QC12030848	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	144	150	96	mg/L
QC12030848	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC12030942	LCS 1	Aluminum	EPA 200.7	0.948	1.00	95	mg/L
		Barium	EPA 200.7	0.967	1.00	97	mg/L
		Beryllium	EPA 200.7	0.964	1.00	96	mg/L
		Bismuth	EPA 200.7	0.973	1.00	97	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12030961	LCS 1	Boron	EPA 200.7	0.910	1.00	91	mg/L
		Cadmium	EPA 200.7	0.962	1.00	96	mg/L
		Calcium	EPA 200.7	9.99	10.0	100	mg/L
		Chromium	EPA 200.7	0.959	1.00	96	mg/L
		Cobalt	EPA 200.7	0.975	1.00	98	mg/L
		Copper	EPA 200.7	4.71	5.00	94	mg/L
		Gallium	EPA 200.7	0.974	1.00	97	mg/L
		Iron	EPA 200.7	1.00	1.00	100	mg/L
		Lithium	EPA 200.7	0.994	1.00	99	mg/L
		Magnesium	EPA 200.7	9.97	10.0	100	mg/L
		Manganese	EPA 200.7	0.959	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.949	1.00	95	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.88	5.00	98	mg/L
		Potassium	EPA 200.7	9.98	10.0	100	mg/L
		Scandium	EPA 200.7	0.971	1.00	97	mg/L
		Silver	EPA 200.7	0.083	0.090	92	mg/L
		Sodium	EPA 200.7	9.96	10.0	100	mg/L
		Strontium	EPA 200.7	0.994	1.00	99	mg/L
		Tin	EPA 200.7	0.938	1.00	94	mg/L
		Titanium	EPA 200.7	0.994	1.00	99	mg/L
		Vanadium	EPA 200.7	0.962	1.00	96	mg/L
		Zinc	EPA 200.7	0.986	1.00	99	mg/L
QC12031008	LCS 1	Aluminum	EPA 200.7	0.916	1.00	92	mg/L
		Barium	EPA 200.7	0.937	1.00	94	mg/L
		Beryllium	EPA 200.7	0.956	1.00	96	mg/L
		Bismuth	EPA 200.7	1.02	1.00	102	mg/L
		Boron	EPA 200.7	0.901	1.00	90	mg/L
		Cadmium	EPA 200.7	0.953	1.00	95	mg/L
		Calcium	EPA 200.7	10.4	10.0	104	mg/L
		Chromium	EPA 200.7	0.920	1.00	92	mg/L
		Cobalt	EPA 200.7	0.937	1.00	94	mg/L
		Copper	EPA 200.7	4.50	5.00	90	mg/L
		Gallium	EPA 200.7	0.926	1.00	93	mg/L
		Iron	EPA 200.7	1.01	1.00	101	mg/L
		Lithium	EPA 200.7	0.988	1.00	99	mg/L
		Magnesium	EPA 200.7	10.1	10.0	101	mg/L
		Manganese	EPA 200.7	0.906	1.00	91	mg/L
		Molybdenum	EPA 200.7	0.948	1.00	95	mg/L
		Nickel	EPA 200.7	4.71	5.00	94	mg/L
		Phosphorus	EPA 200.7	4.70	5.00	94	mg/L
		Potassium	EPA 200.7	9.84	10.0	98	mg/L
		Scandium	EPA 200.7	0.935	1.00	94	mg/L
		Silver	EPA 200.7	0.082	0.090	91	mg/L
		Sodium	EPA 200.7	10.1	10.0	101	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.975	1.00	98	mg/L
		Titanium	EPA 200.7	0.982	1.00	98	mg/L
		Vanadium	EPA 200.7	0.930	1.00	93	mg/L
		Zinc	EPA 200.7	0.963	1.00	96	mg/L
QC12031008	LCS 1	Mercury	EPA 200.8	0.000992	0.001	99	mg/L
		Antimony	EPA 200.8	0.0103	0.010	103	mg/L
		Arsenic	EPA 200.8	0.0509	0.050	102	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units						
QC12031031	LCS 1	Lead	EPA 200.8	0.0107	0.010	107	mg/L						
		Selenium	EPA 200.8	0.0485	0.050	97	mg/L						
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L						
		Mercury	EPA 200.8	0.001024	0.001	102	mg/L						
		Antimony	EPA 200.8	0.0094	0.010	94	mg/L						
		Arsenic	EPA 200.8	0.0463	0.050	93	mg/L						
		Lead	EPA 200.8	0.0098	0.010	98	mg/L						
		Selenium	EPA 200.8	0.0438	0.050	88	mg/L						
		Thallium	EPA 200.8	0.0095	0.010	95	mg/L						
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD					
QC12030669	Duplicate	pH	SM 4500-H+ B	1203375-001	7.98	7.97	pH Units	<1%					
QC12030669	Duplicate	pH	SM 4500-H+ B	1203375-008	7.27	7.26	pH Units	<1%					
QC12030670	Duplicate	Bicarbonate (HCO3)	SM 2320B	1203375-001	59.0	57.6	mg/L	2 %					
		Carbonate (CO3)	SM 2320B	1203375-001	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1203375-001	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1203375-001	48.3	47.2	mg/L as CaCO3	2 %					
		Bicarbonate (HCO3)	SM 2320B	1203375-008	20.9	19.0	mg/L	10 %					
QC12030670	Duplicate	Carbonate (CO3)	SM 2320B	1203375-008	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1203375-008	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1203375-008	17.2	15.5	mg/L as CaCO3	10 %					
		Total Dissolved Solids (TDS)	SM 2540C	1203300-002	254	240	mg/L	6 %					
QC12030848	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203372-008	70000	72000	mg/L	3 %					
QC12030848	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203375-003	27.0	29.0	mg/L	7 %					
QC12030848	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203381-001	2324	2320	mg/L	<1%					
QC12030848	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203399-003	2344	2264	mg/L	3 %					
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.	MSD % Rec.	RPD			
QC12030720	MS 1	Fluoride	EPA 300.0	1203375-004	0.137	2.06	2.09	2.00	mg/L	96	98	1 %	
QC12030720	MS 2	Fluoride	EPA 300.0	1203375-010	<0.100	1.87	1.92	2.00	mg/L	93	95	3 %	
QC12030722	MS 1	Chloride	EPA 300.0	1203375-004	<1.000	5.36	5.46	5.00	mg/L	103	105	2 %	
QC12030722	MS 2	Chloride	EPA 300.0	1203375-010	<1.000	5.15	5.21	5.00	mg/L	102	103	1 %	
QC12030724	MS 1	Nitrite Nitrogen	EPA 300.0	1203375-004	0.027	0.536	0.546	0.500	mg/L	102	104	2 %	
QC12030724	MS 2	Nitrite Nitrogen	EPA 300.0	1203375-010	<0.025	0.516	0.521	0.500	mg/L	100	101	1 %	
QC12030725	MS 1	Nitrate Nitrogen	EPA 300.0	1203375-004	<1.000	2.06	2.10	2.00	mg/L	101	103	2 %	
QC12030725	MS 2	Nitrate Nitrogen	EPA 300.0	1203375-010	<1.000	2.05	2.08	2.00	mg/L	101	102	1 %	
QC12030726	MS 1	Sulfate	EPA 300.0	1203375-004	2.20	12.2	12.4	10.0	mg/L	100	102	2 %	
QC12030726	MS 2	Sulfate	EPA 300.0	1203375-010	<1.000	10.0	10.2	10.0	mg/L	99	101	2 %	
QC12030942	MS 1	Aluminum, Dissolved	EPA 200.7	1203304-003	<0.450	1.06	1.02	1.00	mg/L	106	102	4 %	
		Barium, Dissolved	EPA 200.7	1203304-003	0.124	M	0.360	0.383	1.00	mg/L	NC	NC	NC
		Beryllium, Dissolved	EPA 200.7	1203304-003	<0.010	1.08	1.05	1.00	mg/L	108	105	3 %	
		Bismuth, Dissolved	EPA 200.7	1203304-003	<1.000	0.693	0.716	1.00	mg/L	109	112	3 %	
		Boron, Dissolved	EPA 200.7	1203304-003	25.7	SC	28.0	28.7	1.00	mg/L	NC	NC	NC
		Cadmium, Dissolved	EPA 200.7	1203304-003	<0.010	1.08	1.04	1.00	mg/L	110	106	4 %	
		Calcium, Dissolved	EPA 200.7	1203304-003	410	SC	430	406	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1203304-003	<0.050	1.10	1.07	1.00	mg/L	107	104	3 %	
		Cobalt, Dissolved	EPA 200.7	1203304-003	<0.100	1.08	1.06	1.00	mg/L	107	105	2 %	
		Copper, Dissolved	EPA 200.7	1203304-003	<0.500	5.74	5.57	5.00	mg/L	115	111	3 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12030961	MS 1	Gallium, Dissolved	EPA 200.7	1203304-003	<1.000	1.05	1.02	1.00	mg/L	99	96	3 %
		Iron, Dissolved	EPA 200.7	1203304-003	<0.100	0.885	0.828	1.00	mg/L	106	100	7 %
		Lithium, Dissolved	EPA 200.7	1203304-003	16.3	SC 18.0	17.9	1.00	mg/L	NC	NC	NC
		Magnesium, Dissolved	EPA 200.7	1203304-003	371	SC 389	388	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1203304-003	<0.050	0.877	0.860	1.00	mg/L	107	105	2 %
		Molybdenum, Dissolved	EPA 200.7	1203304-003	1.72	2.82	2.82	1.00	mg/L	110	110	<1%
		Nickel, Dissolved	EPA 200.7	1203304-003	0.139	5.64	5.45	5.00	mg/L	110	106	3 %
		Phosphorus, Dissolved	EPA 200.7	1203304-003	<5.000	6.45	6.35	5.00	mg/L	120	118	2 %
		Potassium, Dissolved	EPA 200.7	1203304-003	1050	SC 1090	1090	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1203304-003	<1.000	1.07	1.04	1.00	mg/L	108	105	3 %
		Silver, Dissolved	EPA 200.7	1203304-003	<0.050	0.094	0.095	0.090	mg/L	101	102	1 %
		Sodium, Dissolved	EPA 200.7	1203304-003	18300	SC 17800	18300	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1203304-003	10.6	11.8	10.7	1.00	mg/L	120	10	10 %
		Tin, Dissolved	EPA 200.7	1203304-003	<1.000	0.454	0.444	1.00	mg/L	111	110	2 %
		Titanium, Dissolved	EPA 200.7	1203304-003	<1.000	1.09	1.03	1.00	mg/L	109	103	6 %
		Vanadium, Dissolved	EPA 200.7	1203304-003	0.399	1.52	1.47	1.00	mg/L	112	107	3 %
		Zinc, Dissolved	EPA 200.7	1203304-003	<0.100	1.17	1.14	1.00	mg/L	112	109	3 %
		Aluminum, Dissolved	EPA 200.7	1203304-002	<0.450	1.00	0.965	1.00	mg/L	103	100	4 %
		Barium, Dissolved	EPA 200.7	1203304-002	0.153	M 0.290	0.286	1.00	mg/L	NC	NC	NC
		Beryllium, Dissolved	EPA 200.7	1203304-002	<0.010	1.03	1.02	1.00	mg/L	103	102	1 %
		Bismuth, Dissolved	EPA 200.7	1203304-002	<1.000	M 0.649	0.806	1.00	mg/L	NC	NC	NC
		Boron, Dissolved	EPA 200.7	1203304-002	15.6	SC 17.1	17.0	1.00	mg/L	NC	NC	NC
		Cadmium, Dissolved	EPA 200.7	1203304-002	<0.010	1.03	1.02	1.00	mg/L	104	103	1 %
		Calcium, Dissolved	EPA 200.7	1203304-002	223	SC 241	256	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1203304-002	<0.050	1.09	1.07	1.00	mg/L	105	103	2 %
		Cobalt, Dissolved	EPA 200.7	1203304-002	<0.100	1.05	1.04	1.00	mg/L	104	103	1 %
		Copper, Dissolved	EPA 200.7	1203304-002	<0.500	5.64	5.58	5.00	mg/L	112	111	1 %
		Gallium, Dissolved	EPA 200.7	1203304-002	<1.000	1.10	1.08	1.00	mg/L	105	103	2 %
		Iron, Dissolved	EPA 200.7	1203304-002	<0.100	0.925	0.918	1.00	mg/L	102	101	1 %
		Lithium, Dissolved	EPA 200.7	1203304-002	7.90	9.18	9.00	1.00	mg/L	128	110	2 %
		Magnesium, Dissolved	EPA 200.7	1203304-002	191	SC 205	199	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1203304-002	<0.050	0.934	0.916	1.00	mg/L	105	104	2 %
		Molybdenum, Dissolved	EPA 200.7	1203304-002	1.01	2.06	2.05	1.00	mg/L	105	104	<1%
		Nickel, Dissolved	EPA 200.7	1203304-002	<0.100	5.42	5.35	5.00	mg/L	107	105	1 %
		Phosphorus, Dissolved	EPA 200.7	1203304-002	<5.000	5.99	5.96	5.00	mg/L	113	112	1 %
		Potassium, Dissolved	EPA 200.7	1203304-002	543	SC 571	557	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1203304-002	<1.000	1.03	1.03	1.00	mg/L	103	103	<1%
		Silver, Dissolved	EPA 200.7	1203304-002	<0.050	0.104	0.106	0.090	mg/L	111	113	2 %
		Sodium, Dissolved	EPA 200.7	1203304-002	9780	SC 9750	9710	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1203304-002	6.96	SC 7.47	7.56	1.00	mg/L	NC	NC	NC
		Tin, Dissolved	EPA 200.7	1203304-002	<1.000	0.666	0.640	1.00	mg/L	103	101	4 %
		Titanium, Dissolved	EPA 200.7	1203304-002	<1.000	1.06	1.02	1.00	mg/L	107	103	4 %
		Vanadium, Dissolved	EPA 200.7	1203304-002	0.267	1.33	1.32	1.00	mg/L	106	105	1 %
		Zinc, Dissolved	EPA 200.7	1203304-002	<0.100	1.10	1.09	1.00	mg/L	108	107	1 %
QC12031008	MS 1	Mercury, Dissolved	EPA 200.8	1203304-002	0.026200	SC 0.025500	0.027040	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1203304-002	0.0467	0.0575	0.0587	0.010	mg/L	108	120	2 %
		Arsenic, Dissolved	EPA 200.8	1203304-002	<0.0500	0.1125	0.1107	0.050	mg/L	127	123	2 %
		Lead, Dissolved	EPA 200.8	1203304-002	<0.0100	<0.0100	<0.0100	0.010	mg/L	86	90	#Err0
		Selenium, Dissolved	EPA 200.8	1203304-002	<0.0500	0.0842	0.0821	0.050	mg/L	128	123	3 %
		Thallium, Dissolved	EPA 200.8	1203304-002	<0.0100	<0.0100	<0.0100	0.010	mg/L	83	86	#Err0
QC12031031	MS 1	Mercury, Dissolved	EPA 200.8	1203304-003	0.010100	SC 0.011930	0.013350	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1203304-003	0.0815	0.0922	0.0891	0.010	mg/L	107	76	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Arsenic, Dissolved	EPA 200.8	1203304-003	<0.2500	M	<0.2500	<0.2500	0.050	mg/L	NC	NC
		Lead, Dissolved	EPA 200.8	1203304-003	<0.0100	M	<0.0100	<0.0100	0.010	mg/L	NC	NC
		Selenium, Dissolved	EPA 200.8	1203304-003	<0.2500	M	<0.2500	<0.2500	0.050	mg/L	NC	NC
		Thallium, Dissolved	EPA 200.8	1203304-003	<0.0100	M	<0.0100	<0.0100	0.010	mg/L	NC	NC

Appendix B

Mineralogy Reports

2010 Mineralogical Assessment

2010 Mineralogical Assessment of the Copper Flat Project, New Mexico, USA

Report Prepared for

THEMAC Resources Group Ltd.

THEMAC
RESOURCES 



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2010 Mineralogical Assessment of the Copper Flat Project, New Mexico, USA

1 SUMMARY

A site visit and waste rock sample collection exercise was undertaken by SRK staff at the Copper Flat project, New Mexico in April 2010. During the site visit, seventeen surface grab samples were collected from existing waste rock piles on site and submitted for optical mineralogical analysis. The purpose of the mineralogical assessment was to investigate the composition of the existing waste rock on site, particularly in the form of secondary copper salts in addition to acid generating sulfide minerals and acid neutralizing carbonate minerals. The results of the mineralogical assessment are presented herein and provide support to the ongoing Waste Rock Characterization Program.

2 SAMPLE SRK0864 (ANDESITE)

This sample of andesite is fine-grained with a porphyritic texture and is dominated by numerous small euhedral laths of plagioclase feldspar within a predominantly-amphibole groundmass (see Figure 2-1). Several small vughs of malachite are present, which are approximately ~1mm in size. These have possibly developed where malachite has infilled vesicles within the andesite. In places, the plagioclase laths show some preferential flow texture around these vughs (see Figure 2-2).

Table 2-1: Minerals found in SRK0864 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
Olivine	Malachite	Plagioclase feldspar
Siderite	Hematite	Amphibole
Ankerite	Biotite	
Chlorite	Calcite	
Antigorite	Laumontite	
Dolomite		
Azurite		

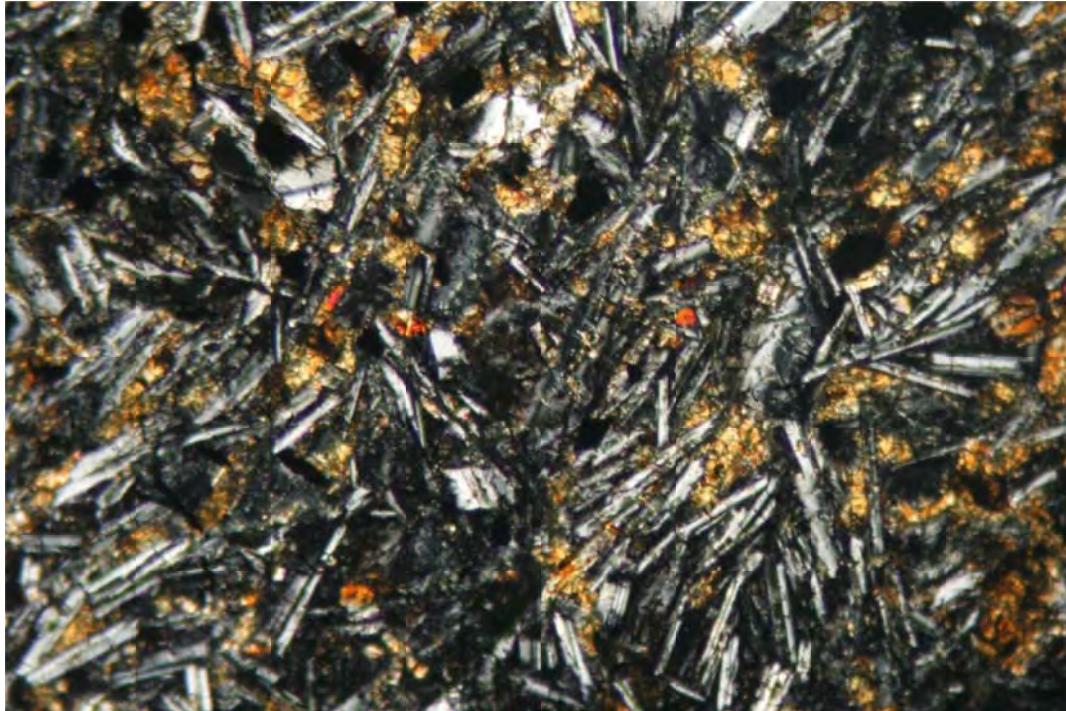


Figure 2-1: Propylitic andesite showing plagioclase feldspar laths with no preferred orientation. (XPL x 10 magnification. Field of view = 1.16mm)

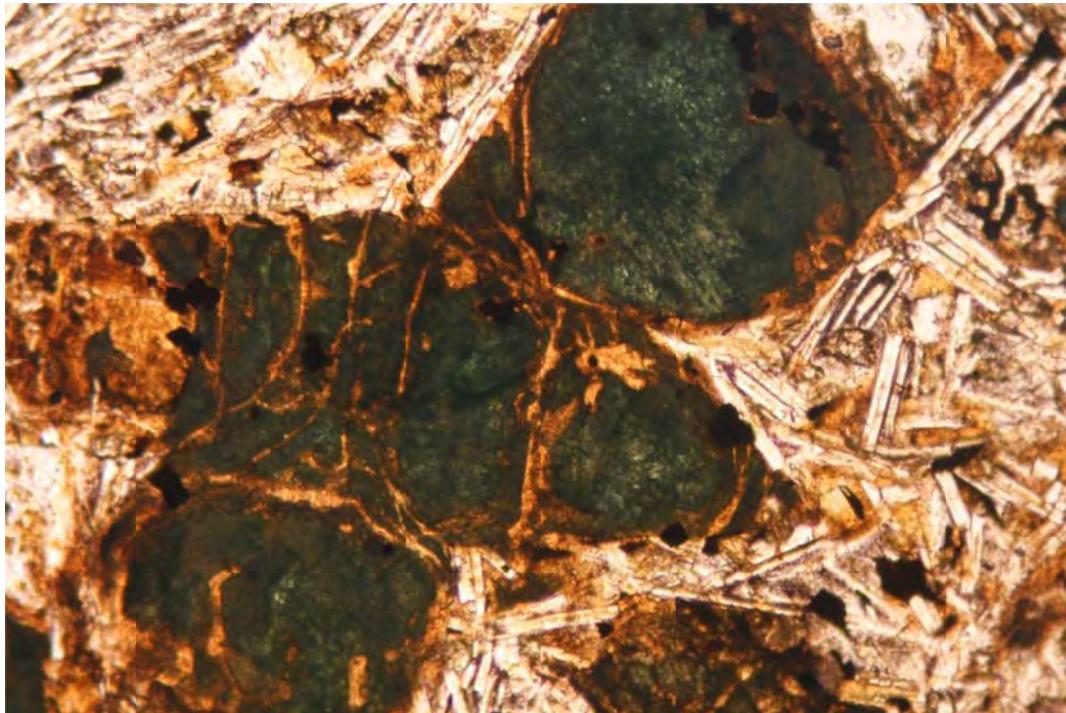


Figure 2-2: Malachite-filled amygdale (PPL x 10 magnification. Field of view = 1.16mm)

3 SAMPLE SRK 0867 (QUARTZ MONZONITE)

This sample of quartz monzonite has an equigranular texture and consists primarily of fine-grained intergrown quartz and K-feldspar with small, euhedral disseminated chalcopyrite crystals, which generally occur in association with the quartz (see Figure 3-1). Alteration of the feldspars to sericite is visible in places.

Table 3-1: Minerals found in SRK0867 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Pyrite	Sericite	Quartz
Chlorite	Chalcopyrite	K-feldspar

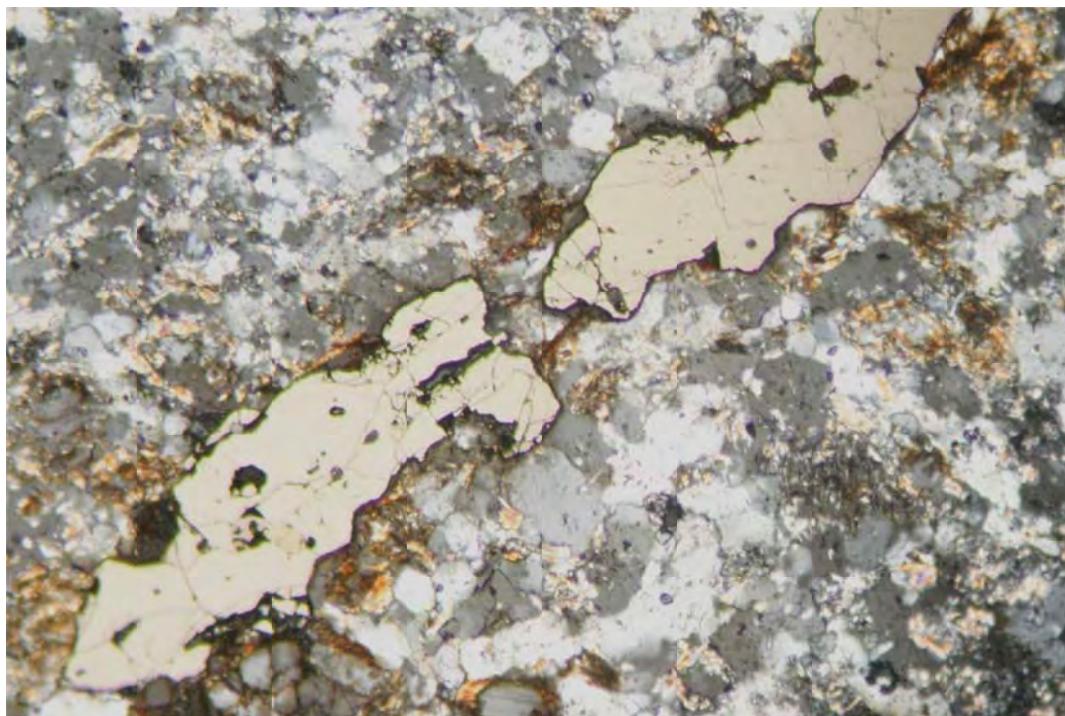


Figure 3-1: Chalcopyrite mineralisation within quartz (XPL and reflected light at x 10 magnification. Field of view = 1.16mm)

4 SAMPLE SRK 0868 (QUARTZ MONZONITE)

The sample of quartz monzonite is composed primarily of K-feldspar, biotite, quartz and is characterised by a porphyritic texture, containing phenocrysts of K-feldspar up to 10 mm long. In places the K-feldspar is heavily altered to sericite. Significant pyrite (approximately 5 to 10%) is also present in this thin section, which appears to be associated with chlorite or with quartz along a small (0.2mm thick) vein.

Table 4-1: Minerals found in SRK0868 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Sericite	Biotite	K-feldspar
Chalcopyrite	Pyrite	Quartz
Chlorite		
Apatite		
Monazite		
Kaolinite		

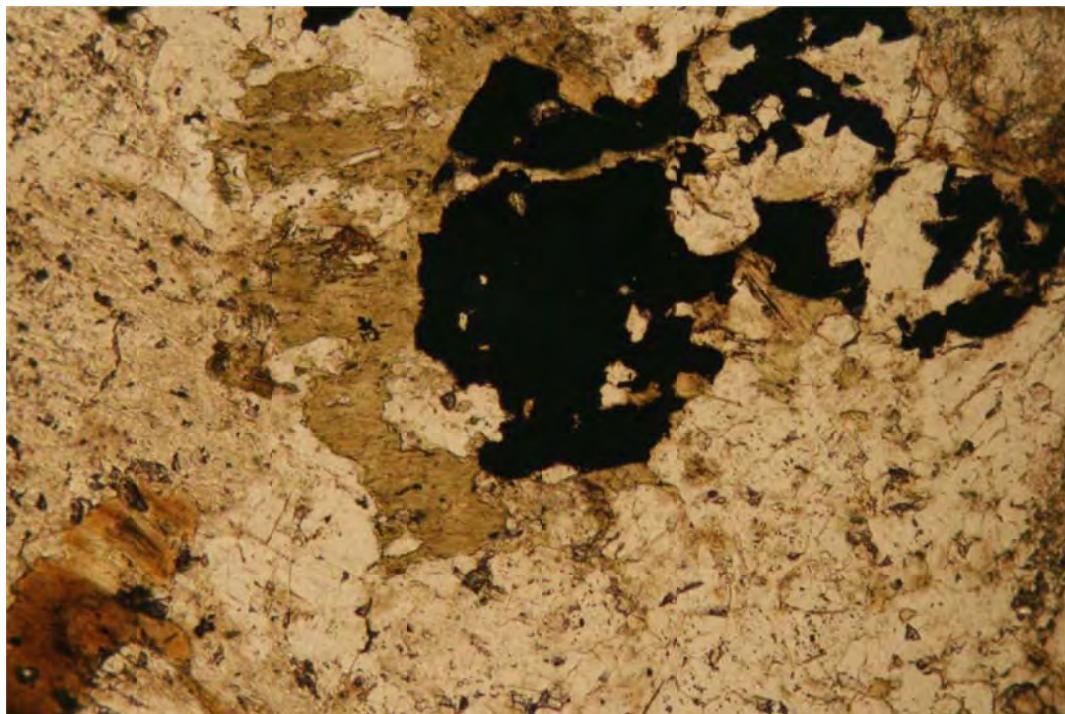


Figure 4-1: Pyrite associated with K-feldspar and chlorite (PPL at x 10 magnification. Field of view = 1.16mm)

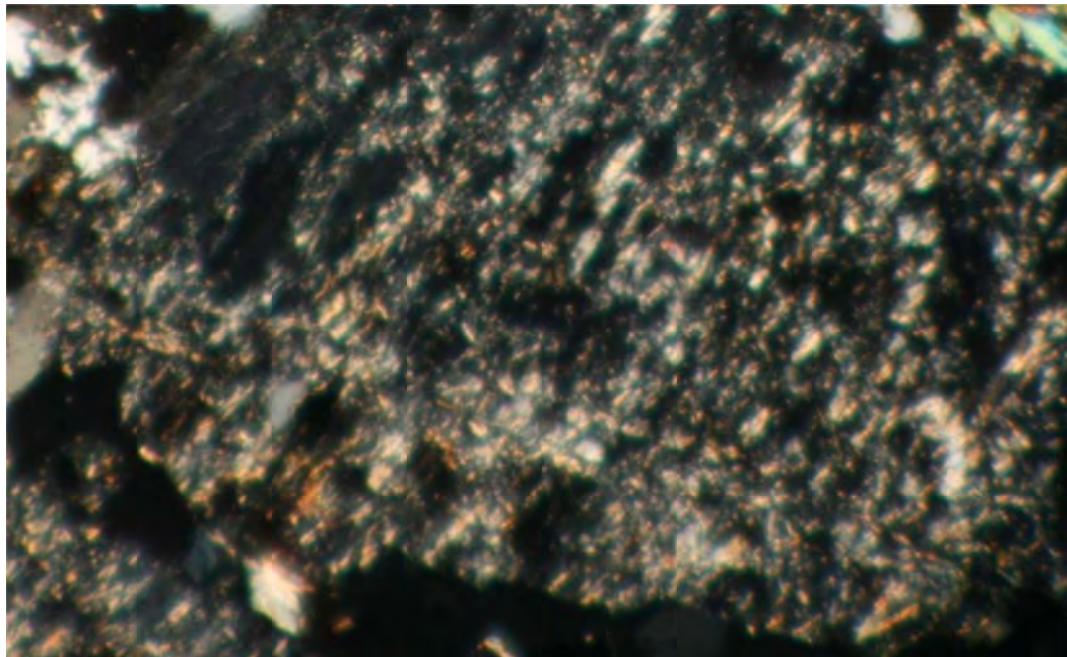


Figure 4-2: Weathered K-feldspar (XPL at x 10 magnification. Field of view = 0.5mm)

5 SAMPLE SRK 0870 (DOLERITE)

The sample of dolerite is very fine-grained with a vesicular and porphyritic texture. The groundmass is almost glassy and is composed primarily of fine grained plagioclase feldspar. The phenocrysts are up to 0.5mm in size and are composed primarily of plagioclase (euhedral, often zoned crystals) and clinopyroxene, often replaced by serpentine group minerals, hematite and clays.

Table 5-1: Minerals found in SRK0870 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Kaolinite	Clinopyroxene	Plagioclase feldspar
Antigorite		
Hematite		

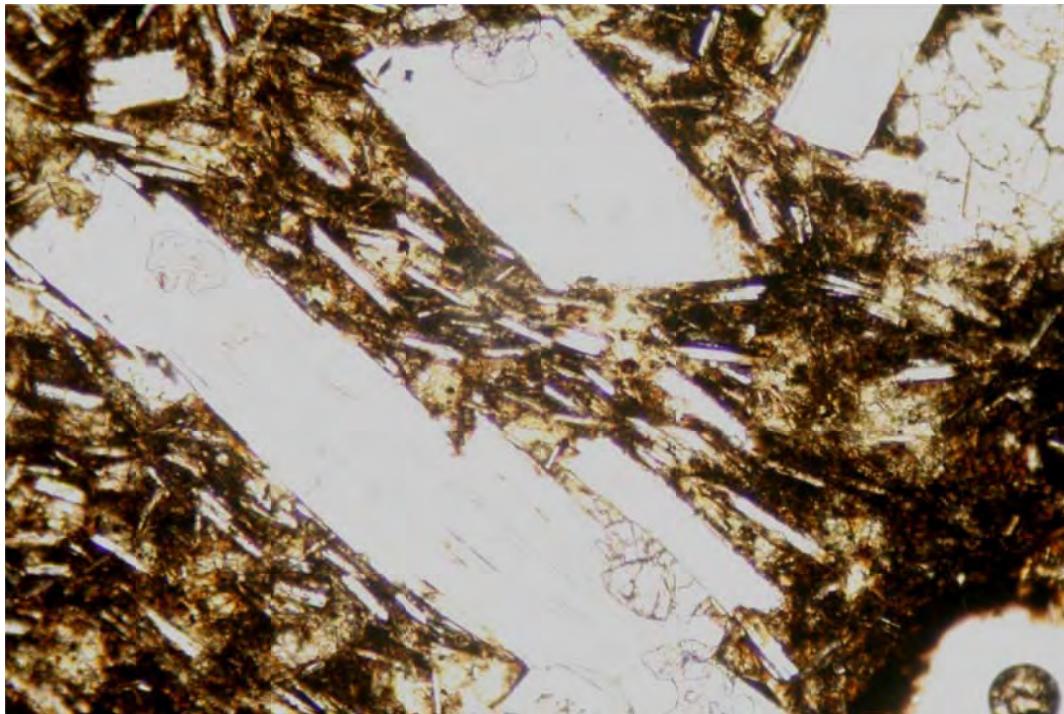


Figure 5-1: Fine-grained plagioclase groundmass with plagioclase phenocrysts (PPL at x 10 magnification. Field of view = 1.16mm)

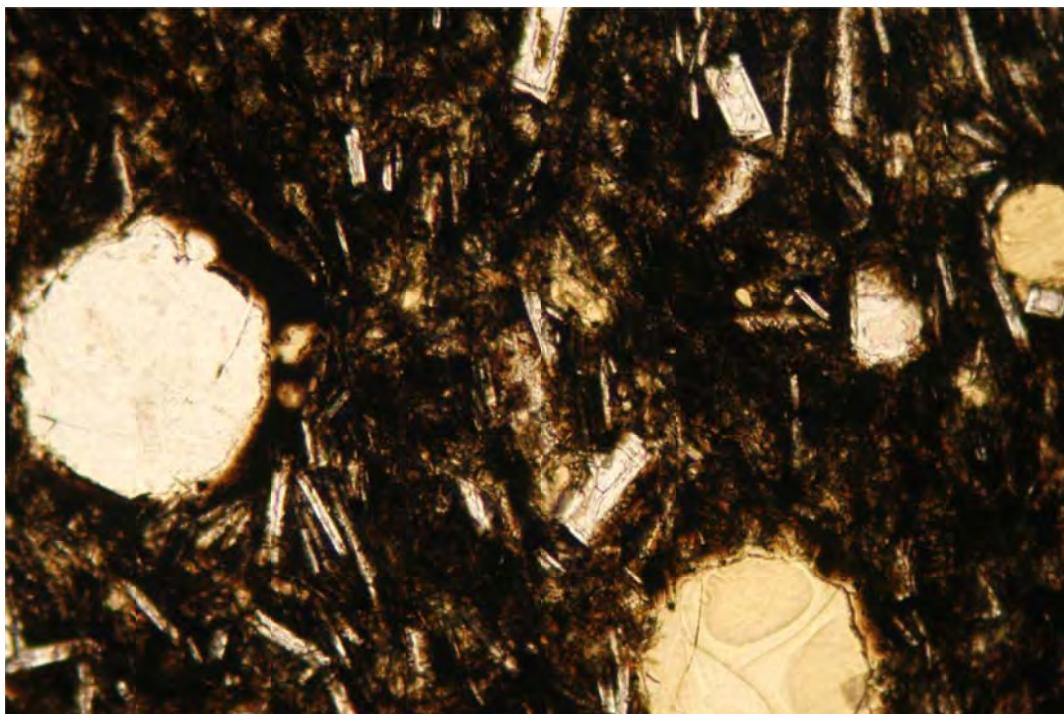


Figure 5-2: Fine-grained plagioclase groundmass with plagioclase phenocrysts and vesicles (PPL at x 10 magnification. Field of view = 1.16mm)

6 SAMPLE SRK 0871 (QUARTZ MONZONITE)

The quartz monzonite is roughly equigranular in texture and consists primarily of intergrown quartz and altered K-feldspar with biotite and malachite veining. The K-feldspar is heavily altered to sericite in places. The biotite occurs as a thin vein (~2mm thick) on one side of the section (Figure 6-1). The malachite occurs both disseminated within the thin section (generally surrounding quartz and feldspar crystals) and as a thin vein (2mm thick) at the side of the section. Pyrite generally occurs as perfect cubic crystals ~0.1mm in size within quartz.

Table 6-1: Minerals found in SRK0871 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Zircon	Clay (sericite?)	Quartz
Chalcopyrite	Pyrite	K-feldspar
	Hematite	Biotite
	Kaolinite	Malachite

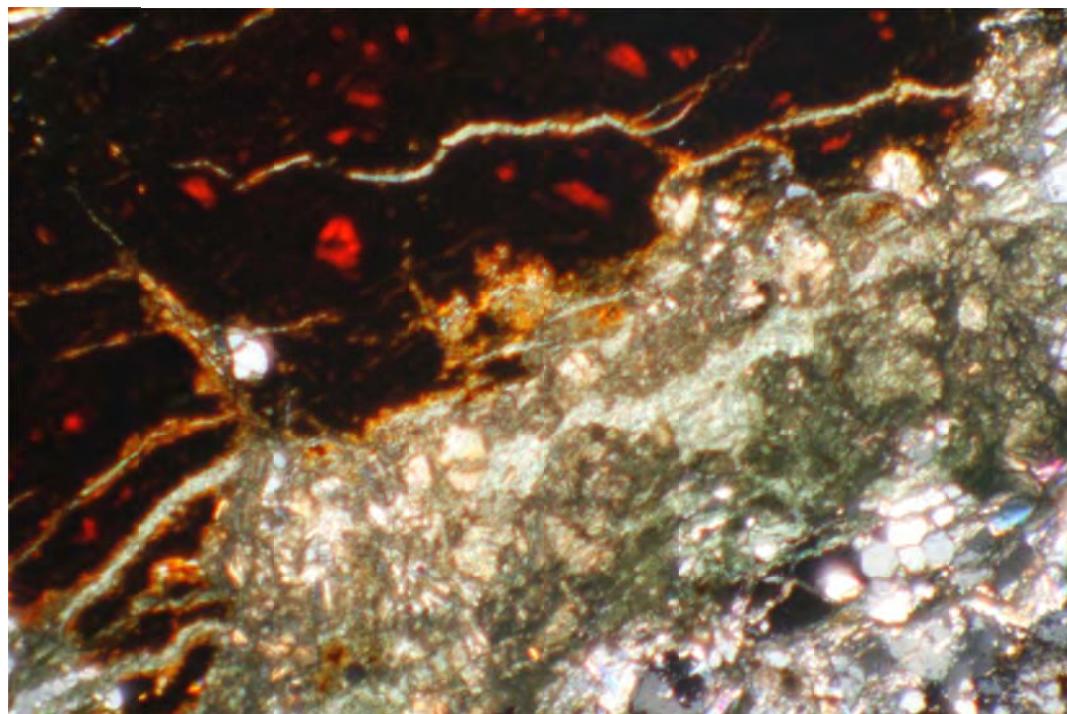


Figure 6-1: Intergrown quartz and feldspar (bottom right) with biotite and malachite banding (top left) (XPL at x 4 magnification. Field of view = 2.8mm)

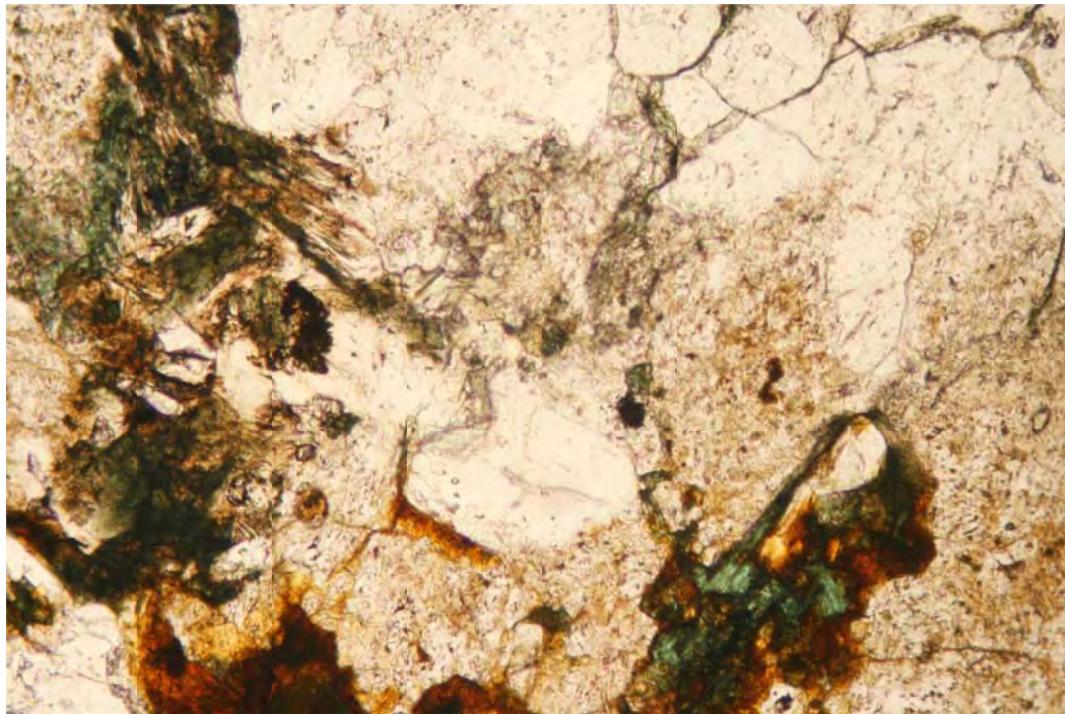


Figure 6-2: Intergrown quartz, hematite malachite and biotite (PPL at x 10 magnification. Field of view = 1.16mm)

7 SAMPLE SRK 0872 (BIOTITE BRECCIA)

This sample of biotite breccia is dominated by heavily altered K-feldspar and quartz, with small amounts of pyrite and chalcopyrite being disseminated throughout the thin section. In places the K-feldspar appears to have been altered to sericite. Small amounts of chalcopyrite and pyrite present, which appear to be associated with both the quartz and weathered feldspars. The pyrite and chalcopyrite occur as small (0.2mm) crystals disseminated throughout the thin section and associated with both quartz and the weathered feldspars.

Table 7-1: Minerals found in SRK0872 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
Pyrite	Clay (sericite?)	Quartz
Chalcopyrite		K-feldspar

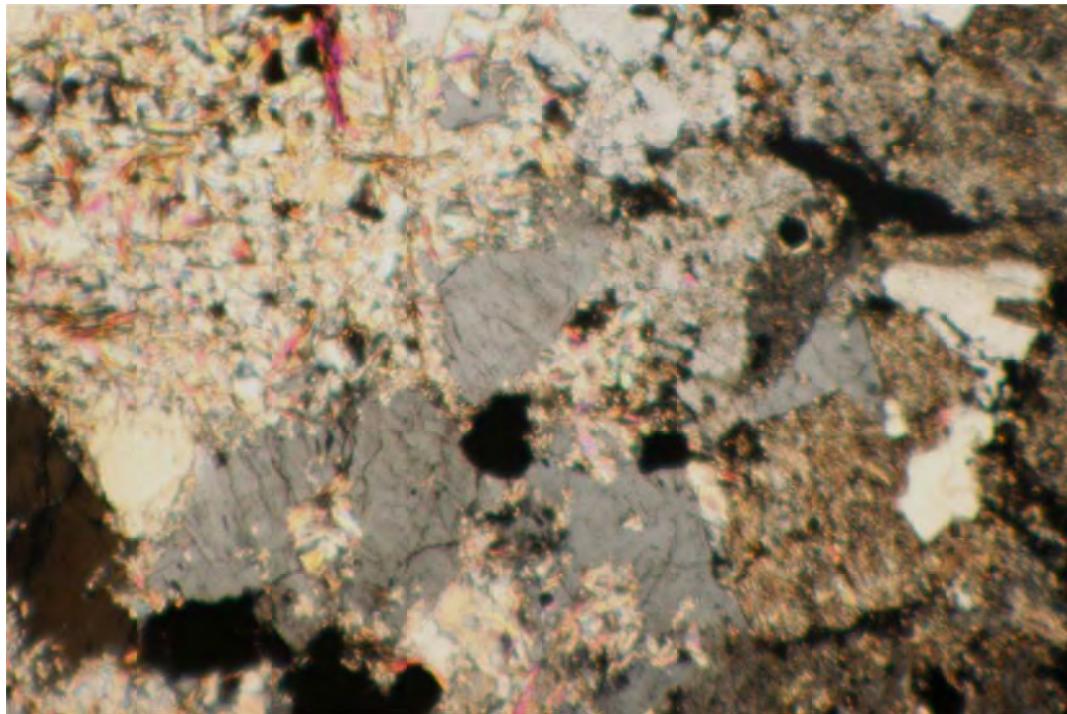


Figure 7-1: Heavily weathered K-feldspar (XPL at x 4 magnification. Field of view = 2.8mm)

8 SAMPLE SRK 0873 (BIOTITE BRECCIA)

This sample of biotite breccia is dominated by heavily altered K-feldspar and quartz. Some pyrite is present as isolated subhedral to euhedral crystals generally 0.1mm in size, often as inclusions within the quartz crystals. The texture of the specimen is difficult to ascertain due to the significant alteration of the feldspars.

Table 8-1: Minerals found in SRK0873 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Chalcopyrite	Pyrite	Quartz
	Muscovite	K-feldspar
	Kaolinite	

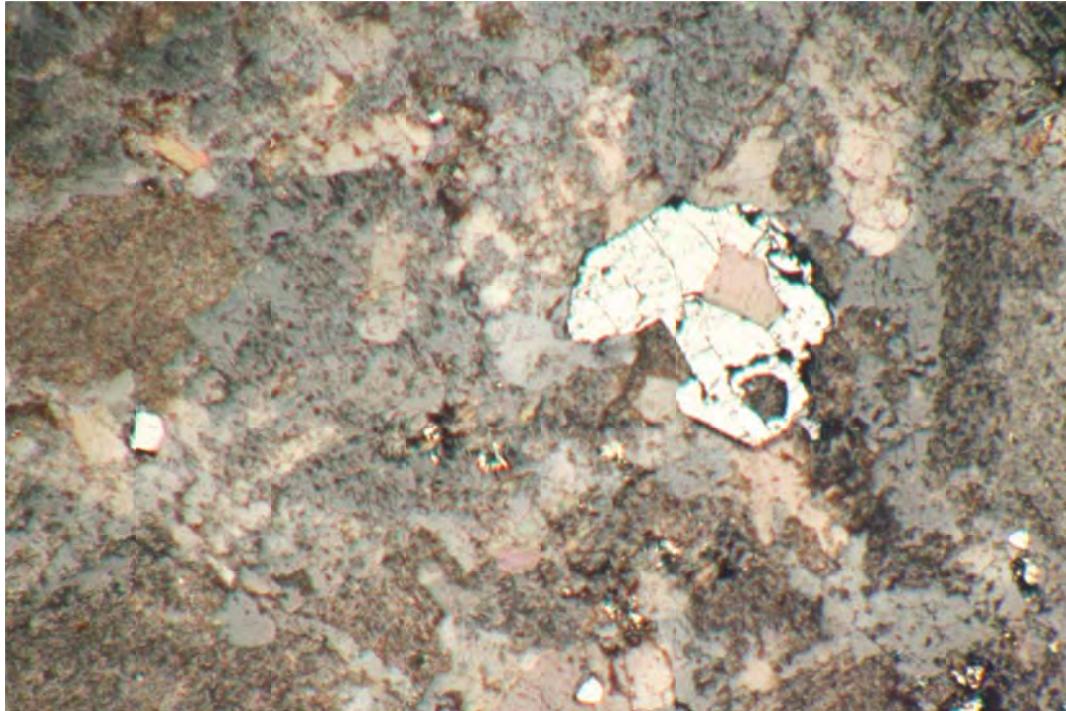


Figure 8-1: Heavily altered K-feldspar by kaolinite and quartz inclusion in pyrite (XPL and reflected light at x 4 magnification. Field of view = 2.8mm)

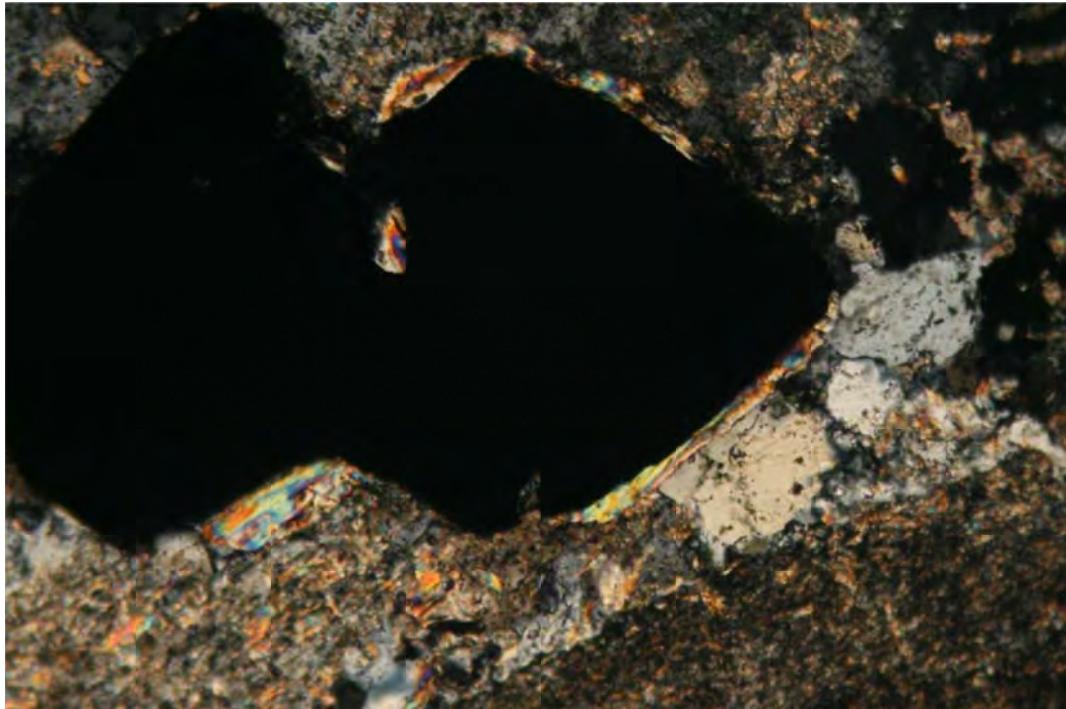


Figure 8-2: Chalcopyrite within altered K-feldspar (XPL at x 10 magnification. Field of view = 1.16mm)



Figure 8-3: Chalcopyrite within altered K-feldspar (reflected light at x 10 magnification. Field of view = 1.16mm)

9 SAMPLE SRK 0874 (ANDESITE)

This sample of andesite has a fine-grained (almost glassy) texture containing phenocrysts (up to 0.5mm in size) of amphibole, and plagioclase feldspar (Figure 9-1). Plagioclase occurs as lath-shaped euhedral phenocrysts up to 0.5mm in size with multiple twinning visible. No preferred orientation of the phenocrysts is evident. The composition of the groundmass is indiscernible due to the fine grain size. Some pyrite is present, which is disseminated throughout the thin section and does not appear to be associated with any one mineral in particular.

Table 9-1: Minerals found in SRK0874 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
	Amphibole	Plagioclase
	Pyrite	Glassy groundmass

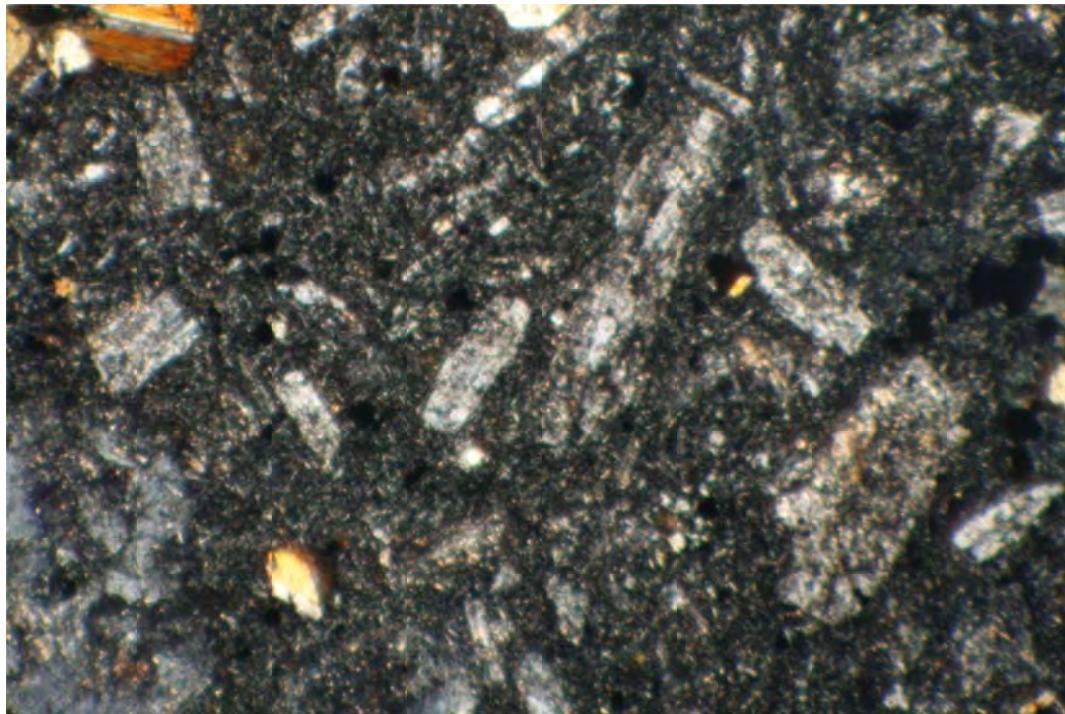


Figure 9-1: Porphyritic texture in andesite (XPL at x 10 magnification. Field of view = 1.16 mm)

10 SAMPLE SRK 0874B (LATITE)

The sample is characterised by a porphyritic texture with a very fine-grained groundmass (<0.01mm) composed primarily of quartz and plagioclase feldspar (Figure 10-1). Biotite is also present as euhedral phenocrysts up to 1mm in size.

Table 10-1: Minerals found in SRK0874 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
	Biotite	Quartz
		Plagioclase

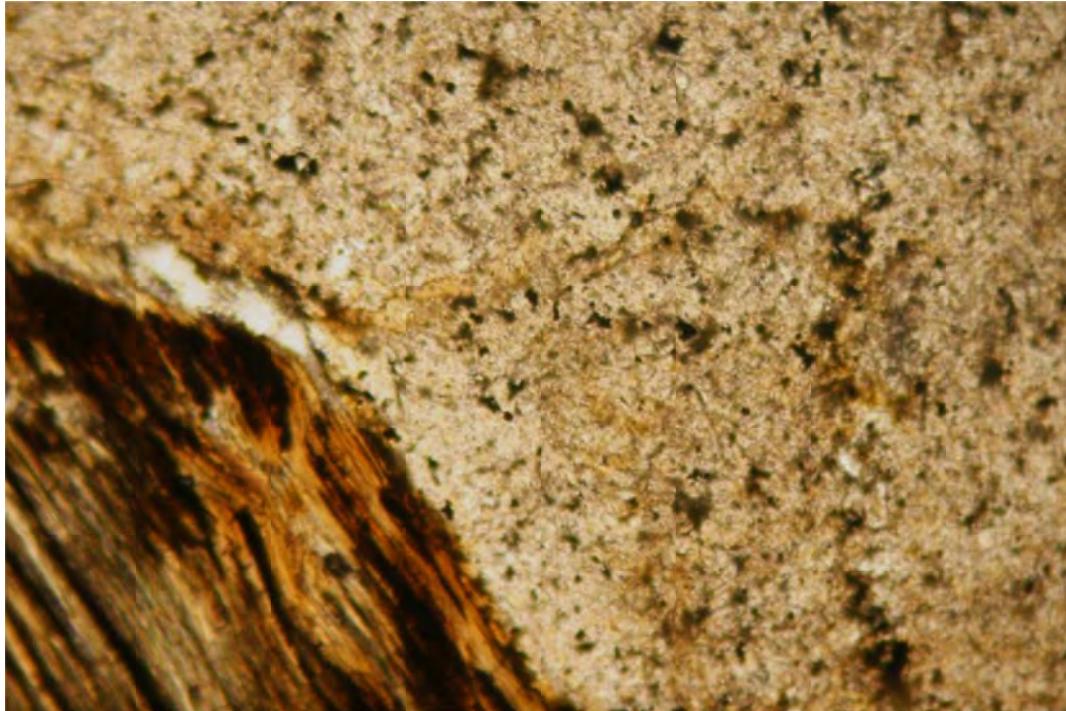


Figure 10-1: Biotite phenocryst within fine-grained quartz and feldspar groundmass. (XPL at x 10 magnification. Field of view = 1.16 mm)

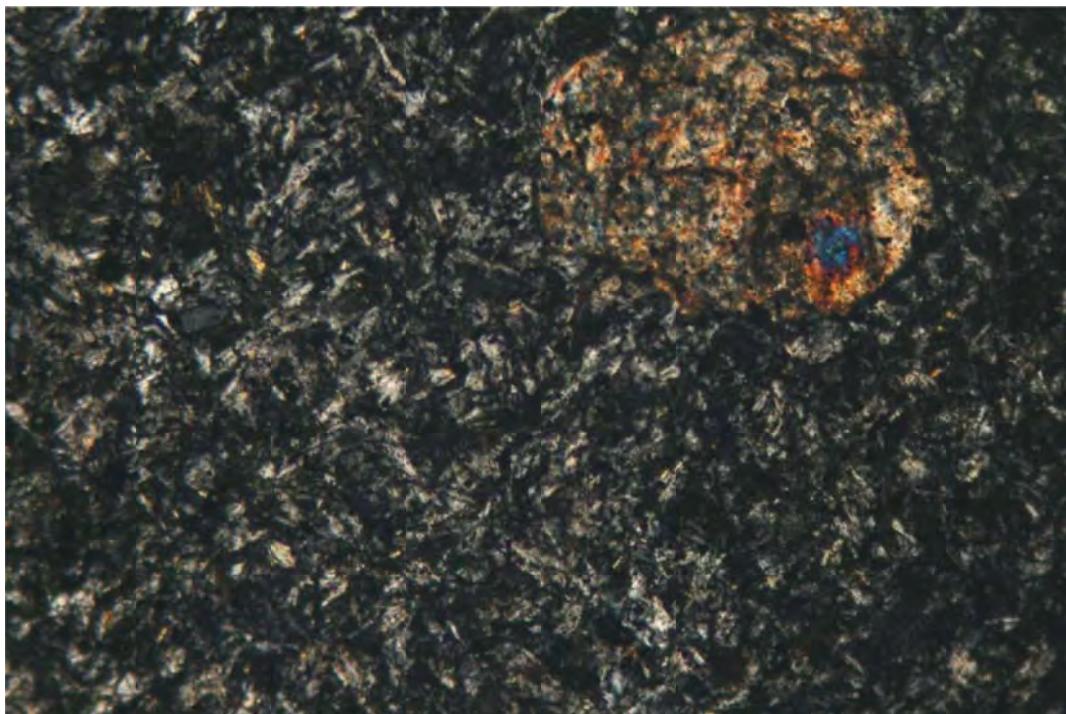


Figure 10-2: Fine-grained quartz and feldspar groundmass. (XPL at x 10 magnification. Field of view = 1.16 mm)

11 SAMPLE SRK 0879 (QUARTZ MONZONITE)

This sample of quartz monzonite is dominated by plagioclase and K-feldspar, which in places has been altered to sericite. The sample is roughly equigranular in texture (although difficult to discern in places due to significant alteration of feldspars) and contains small amounts of pyrite and chalcopyrite. The chalcopyrite is disseminated throughout the thin section as small (~0.1 to 0.2mm) anhedral crystals. It is characterised by bright yellow colour under reflected light and does not appear to be associated with any one mineral in particular.

Table 11-1: Minerals found in SRK0879 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Pyrite	Sericite	K-feldspar
	Chalcopyrite	Plagioclase

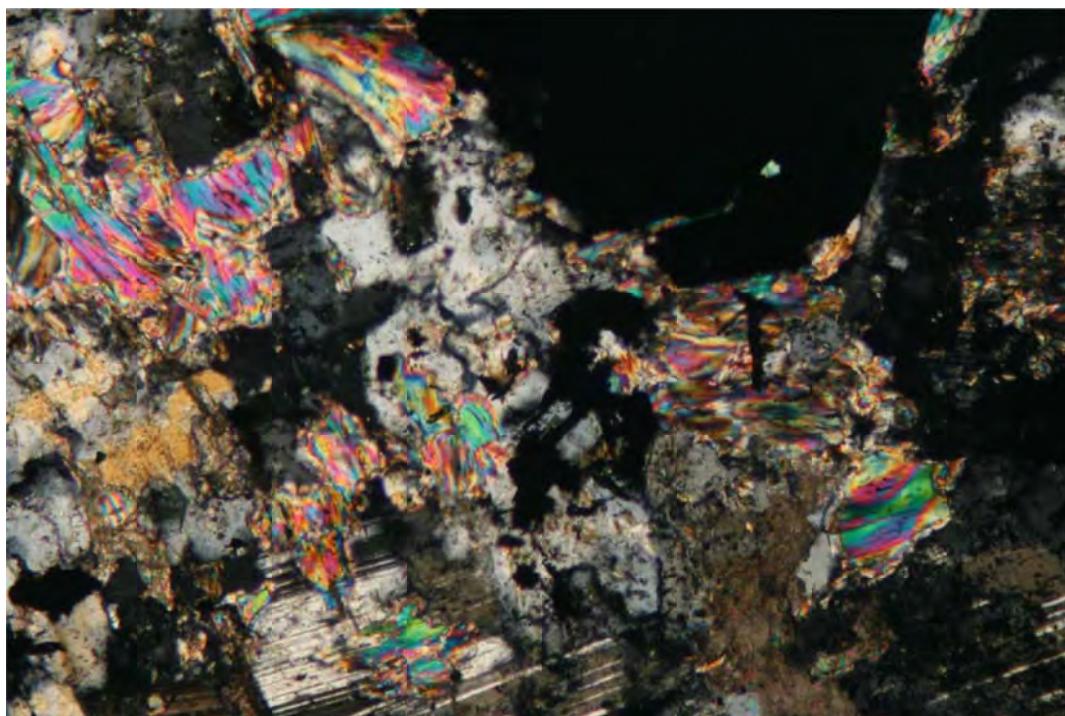
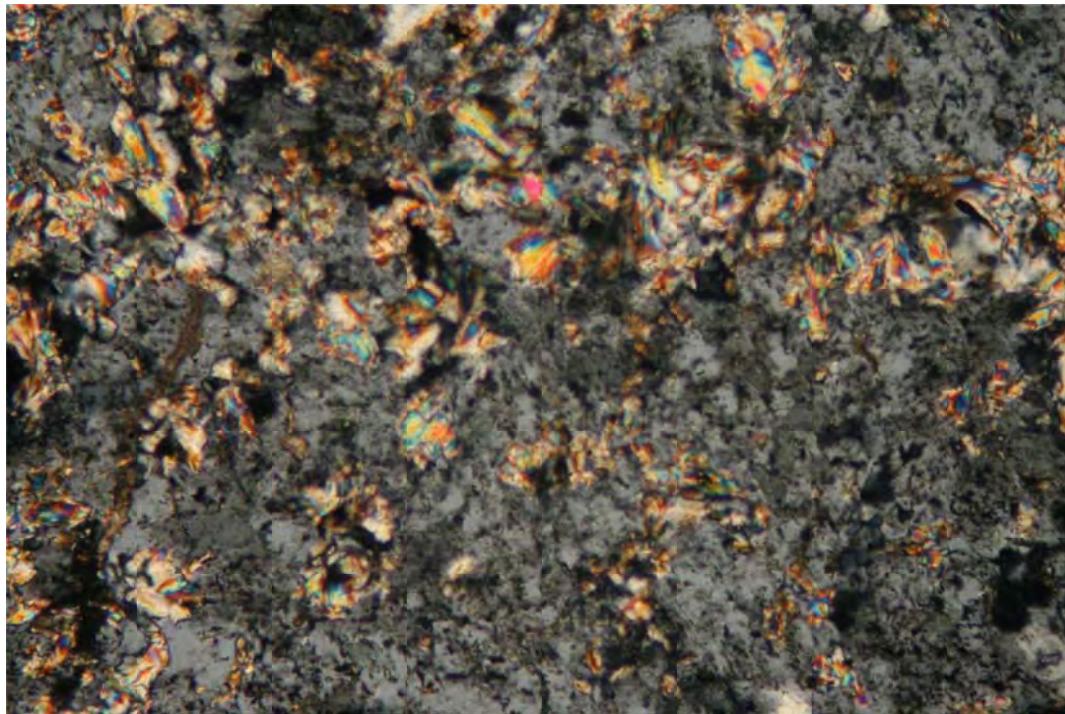


Figure 11-1: Sericitically altered feldspar with pyrite (top right). (XPL at x 10 magnification. Field of view = 1.16 mm)



**Figure 11-2: Sericitically altered feldspar quartz. (XPL at x 10 magnification.
Field of view = 1.16 mm)**

12 SAMPLE SRK 0884 (BIOTITE BRECCIA)

This sample of biotite breccia has a roughly equigranular texture and is dominated by quartz, with some K-feldspar and biotite. There are numerous small (~0.1mm) anhedral chalcopyrite crystals disseminated throughout the thin section. These are often elongate and tend to occur as inclusions within the quartz or along boundaries of quartz crystals (see Figure 12-1).

Table 12-1: Minerals found in SRK0884 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
	Biotite	Quartz
	Chalcopyrite	K-feldspar

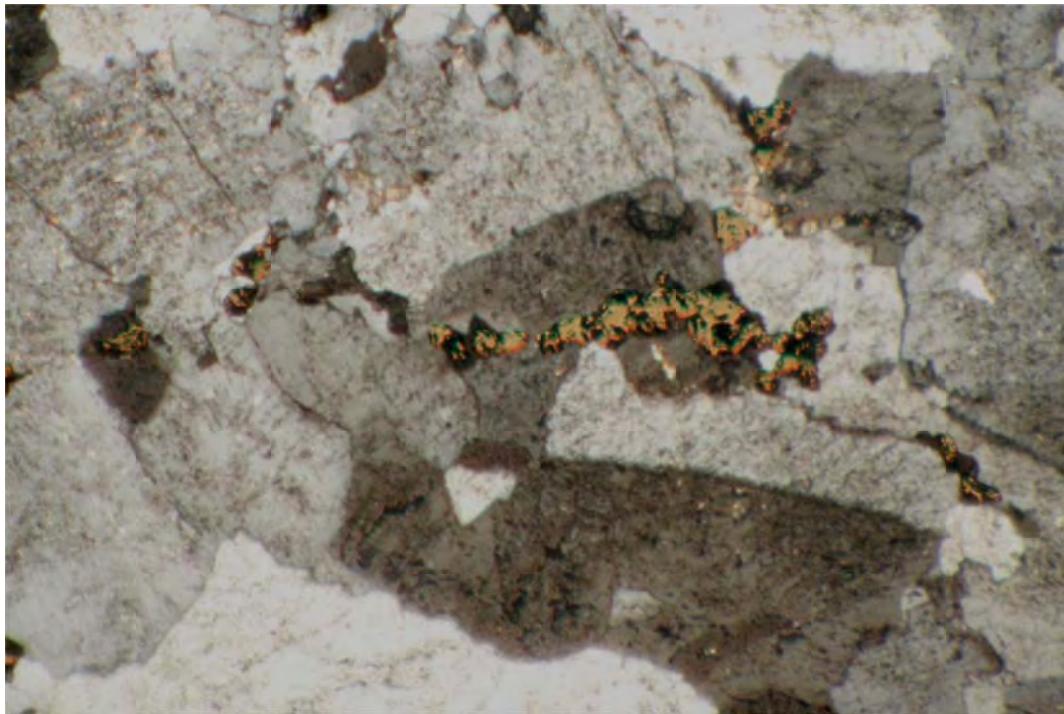


Figure 12-1: Chalcopyrite mineralisation along edges of quartz grains. (XPL and reflected light at x 4 magnification. Field of view = 2.8 mm)

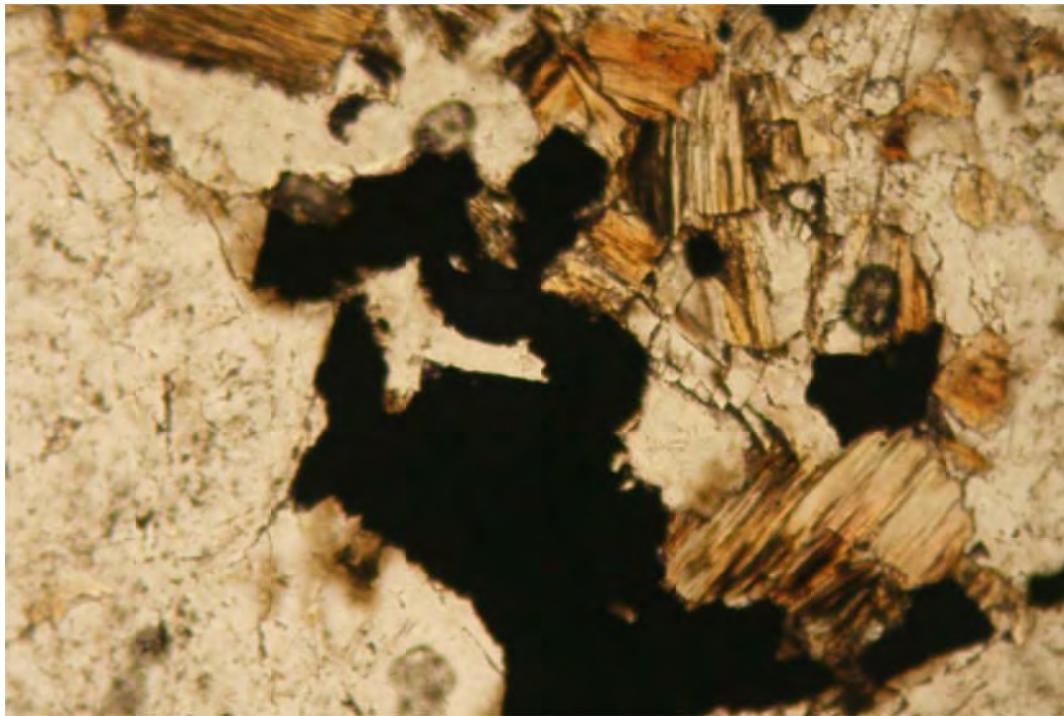


Figure 12-2: Chalcopyrite mineralisation with biotite and quartz. (PPL at x 10 magnification. Field of view = 1.16 mm)

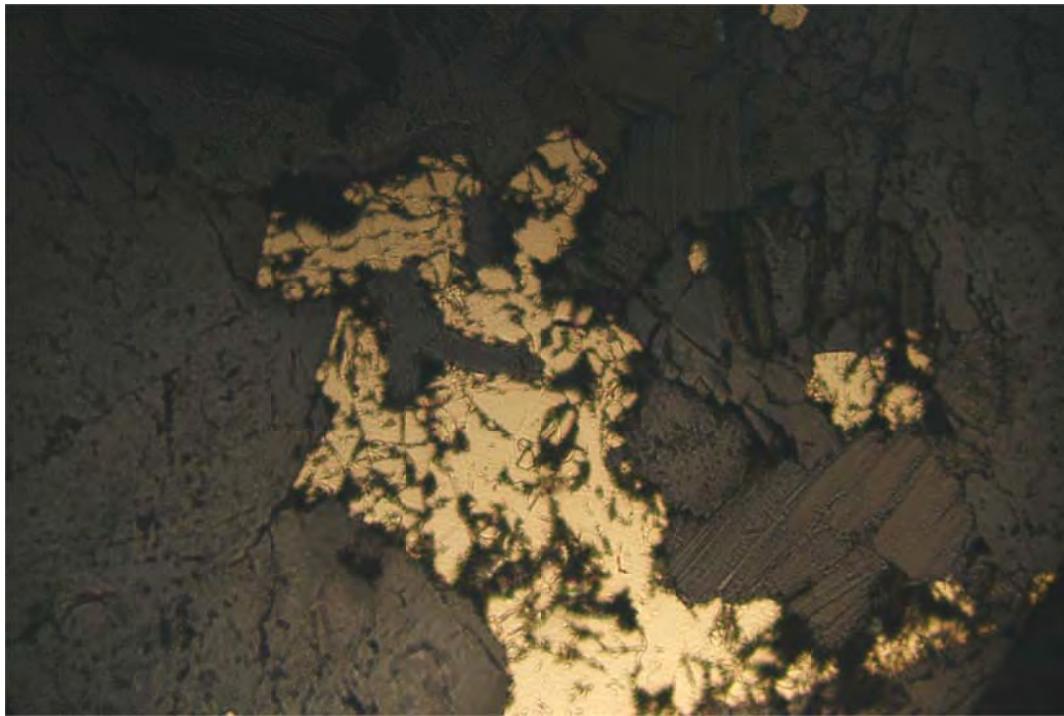


Figure 12-3: Chalcopyrite mineralisation with biotite and quartz. (reflected light at x 10 magnification. Field of view = 1.16 mm)

13 SAMPLE SRK 0885 (QUARTZ FELDSPAR BRECCIA)

This sample consists almost entirely of intergrown quartz crystals, with chalcopyrite veining along the crystal edges. The sample has an equigranular texture.

Table 13-1: Minerals found in SRK0885 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
	Chalcopyrite	Quartz

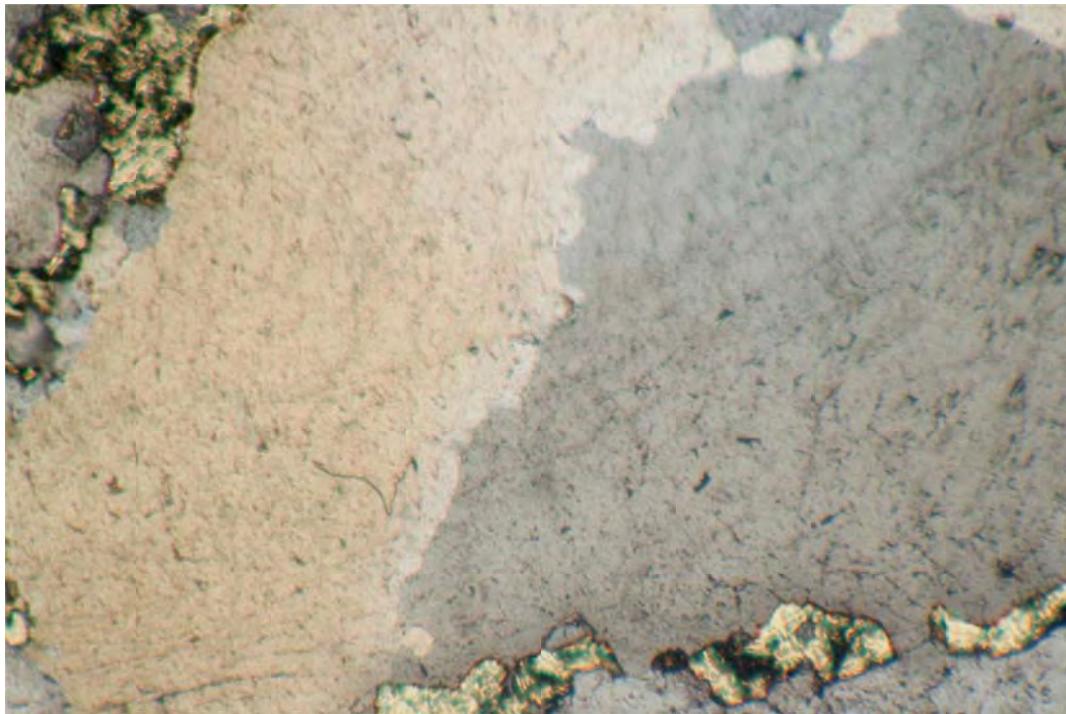


Figure 13-1: Chalcopyrite mineralisation along edges of quartz grains. (XPL and reflected light at x 4 magnification. Field of view = 2.8 mm)

14 SAMPLE SRK 0889 (QUARTZ MONZONITE)

The sample of quartz monzonite is dominated by intergrown, roughly equigranular quartz and altered K-feldspar, with small amounts (~5 to 10%) of a carbonate mineral (possibly calcite) also being present. This occurs as subhedral crystals up to 1mm in size and is characterised by bright interference colours in XPL and two strong, oblique cleavages in PPL. Generally occurs in association with quartz. See Figure 14-1. Small amounts of pyrite are also visible, which is disseminated throughout the thin section as small (0.2mm) anhedral crystals and is often associated with quartz.

Table 14-1: Minerals found in SRK0889 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
	Carbonate mineral (calcite?)	Quartz
	Pyrite	K-feldspar



**Figure 14-1: Carbonate mineral within quartz matrix. (XPL at x 10 magnification.
Field of view = 1.16mm)**



**Figure 14-2: Pyrite within quartz matrix. (reflected light at x 10 magnification.
Field of view = 1.16mm)**

15 SAMPLE SRK 0890 (QUARTZ MONZONITE)

The section is dominated by intergrown quartz and feldspar crystals between 0.1 and 4 mm in size. A porphyritic texture is evident, with simply-twinned, euhedral albite laths forming the phenocrysts. Weathering of the K-feldspars is evident from the speckled texture. Chlorite and biotite are also present, but their modal percentage is generally <5%. These minerals generally fill the voids between intergrown quartz and feldspar crystals and is often characterised by numerous small (<0.1mm) anhedral pyrite inclusions.

Table 15-1: Minerals found in SRK0890 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
Biotite	Plagioclase	Quartz
Chalcopyrite	Chlorite	K-feldspar
	Pyrite	

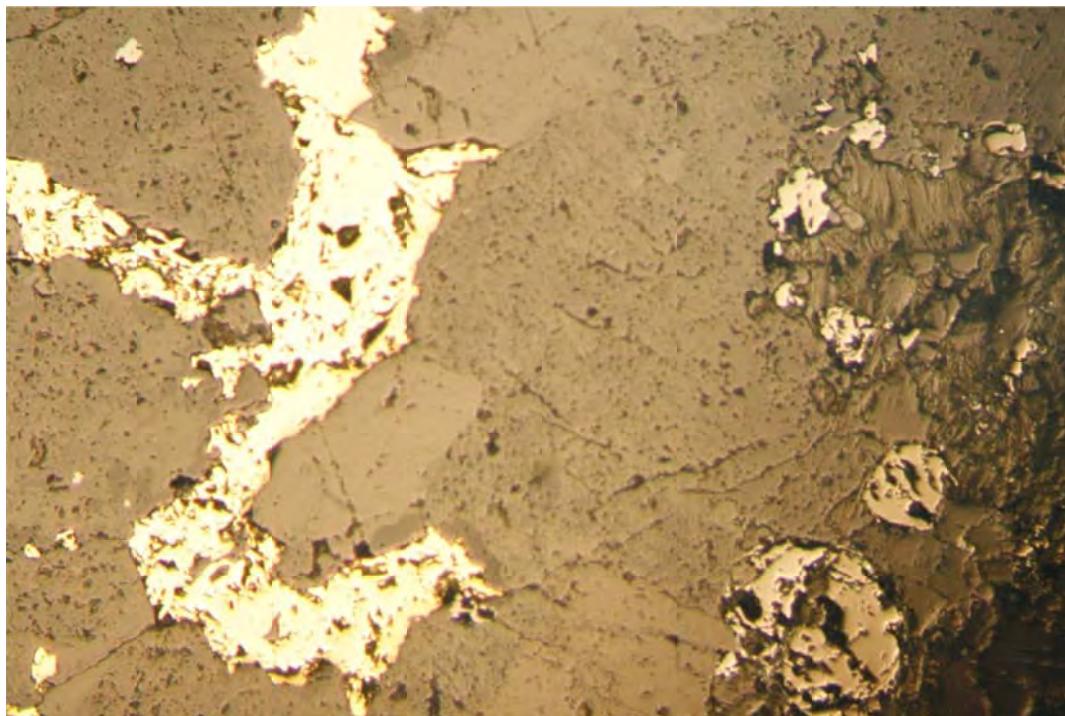


Figure 15-1: Chalcopyrite within quartz (left) and pyrite within chlorite (right). (PPL and reflected light at x 4 magnification. Field of view = 2.8 mm)

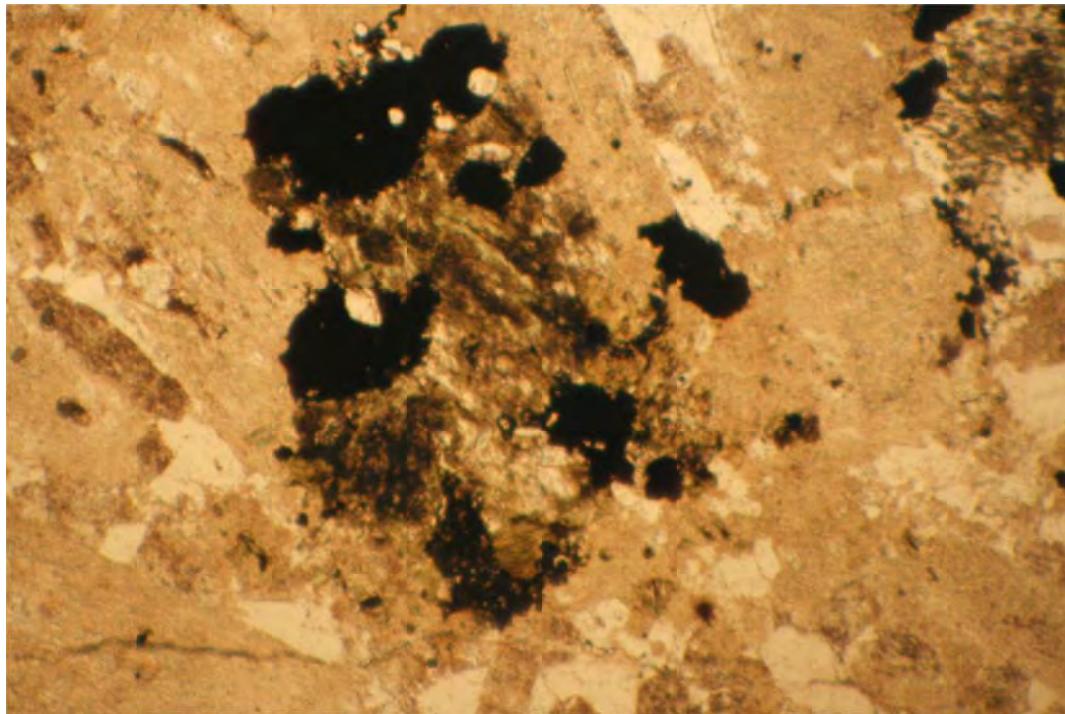


Figure 15-2: Pyrite inclusion within chlorite. (PPL and reflected light at x 4 magnification. Field of view = 2.8 mm)

16 SAMPLE SRK 0892 (QUARTZ MONZONITE)

The section is dominated by numerous thin laths of K-feldspar up to 4mm long, which have been heavily weathered to sericite and are intergrown with quartz and some biotite. The texture is difficult to ascertain due to the heavy weathering of the feldspars. Pyrite occurs as anhedral crystals up to 0.5mm in size, generally in association with quartz (see Figure 16-1). Characterised by bright grey/silver colour in reflected light.

Table 16-1: Minerals found in SRK0892 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
	Biotite	K-feldspar (often heavily altered to sericite)
	Chalcopyrite	Quartz
	Pyrite	

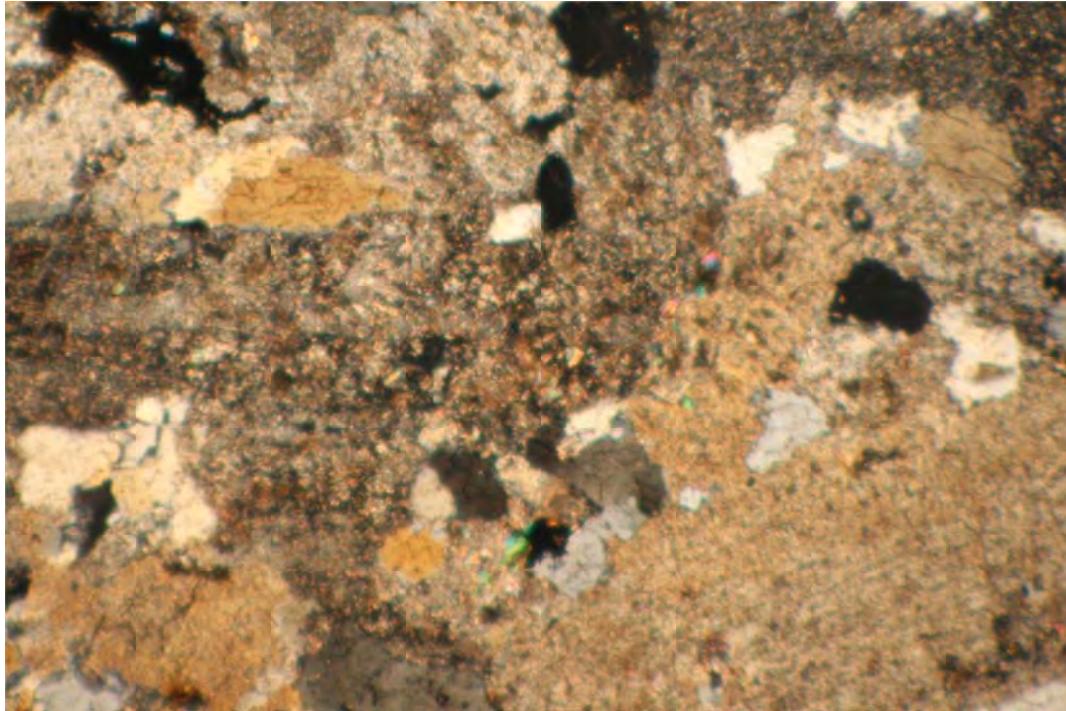


Figure 16-1: Heavily weathered K-feldspar with quartz and some pyrite. (XPL at x 4 magnification. Field of view = 2.8 mm)



Figure 16-2: Chalcopyrite with quartz. (reflected light at x 10 magnification. Field of view = 1.16 mm)

17 SAMPLE SRK 0894 (BIOTITE BRECCIA)

The thin section is dominated by intergrown quartz, feldspar and biotite and has a roughly equigranular texture. Small amounts of pyrite are also present, which are commonly associated with biotite in the sample. No carbonate minerals are present. The feldspars within this sample appear less weathered than in some of the other thin sections.

Table 17-1: Minerals found in SRK0894 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
Pyrite		Quartz
		K-feldspar
		Biotite

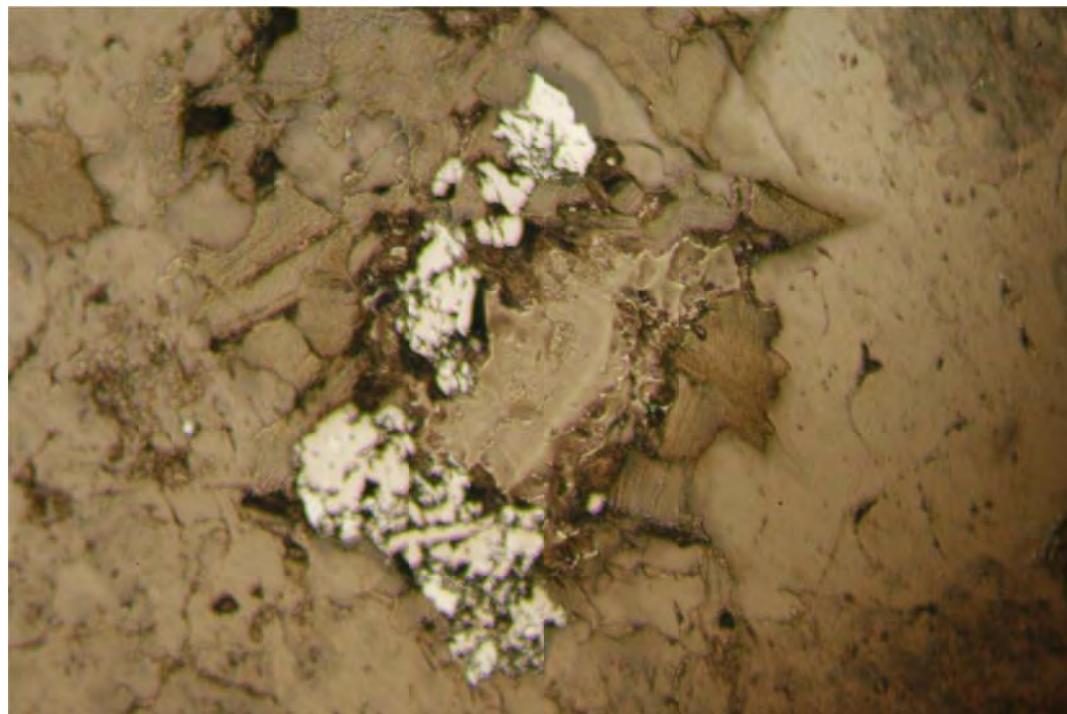


Figure 17-1: Association of pyrite with biotite. (PPL and reflected light at x 10 magnification. Field of view = 1.16 mm)

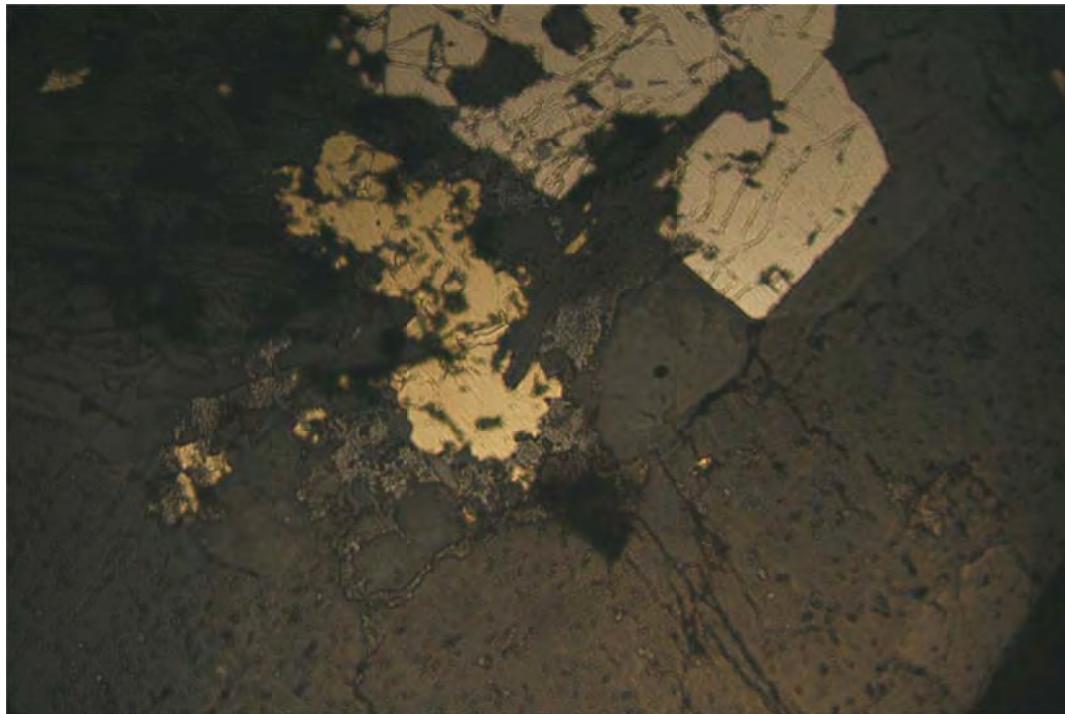


Figure 17-2: Chalcopyrite and pyrite with biotite. (reflected light at x 10 magnification. Field of view = 1.16 mm)

18 SAMPLE SRK 0897 (BIOTITE BRECCIA)

The section is dominated by intergrown, equigranular quartz and feldspar crystals, which are approximately 0.2 – 0.5mm in size. The K-feldspar is heavily altered in places. Both pyrite and chalcopyrite are present as small (<0.1mm) crystals, generally in association with chlorite (see Figure 18-1).

Table 18-1: Minerals found in SRK0897 and their abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Chalcopyrite	Chlorite	K-feldspar
	Pyrite	Quartz

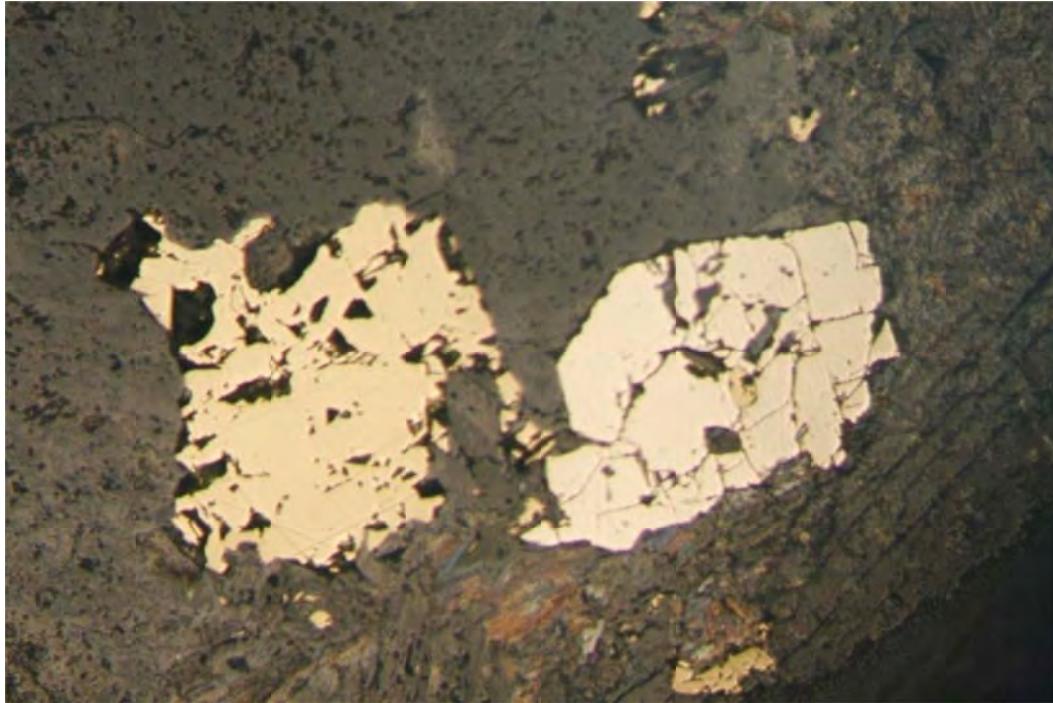


Figure 18-1: Chalcopyrite (left) and pyrite (right). (PPL and reflected light at x 10 magnification. Field of view = 1.16 mm)

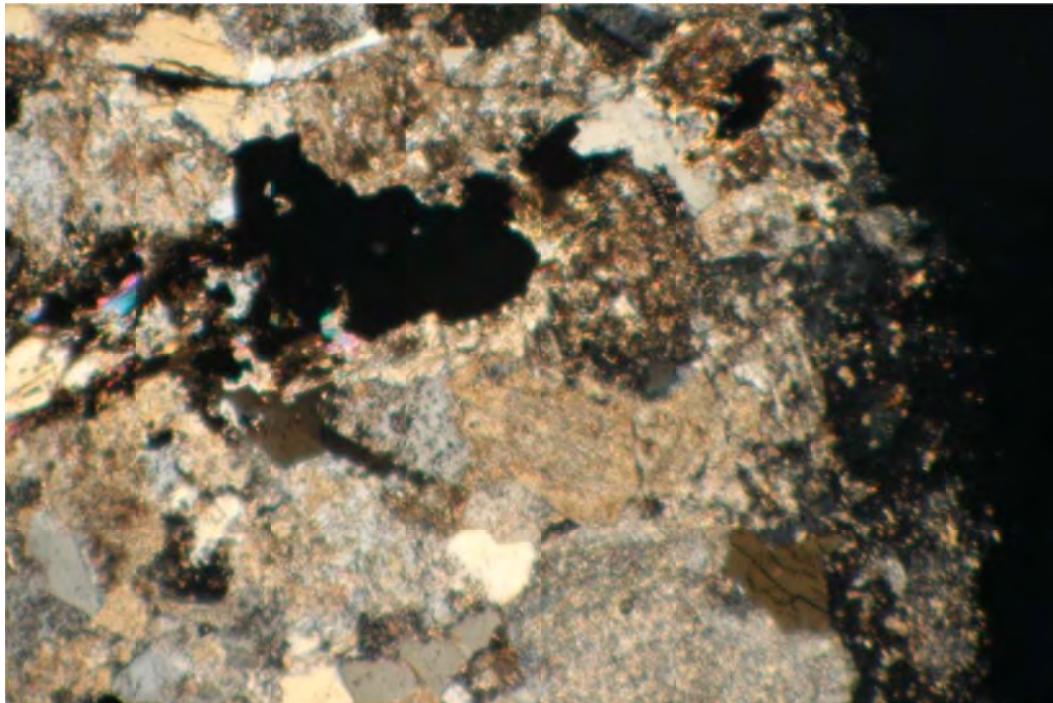


Figure 18-2: Pyrite in weathered feldspar. (XPL at x 4 magnification. Field of view = 2.8 mm)

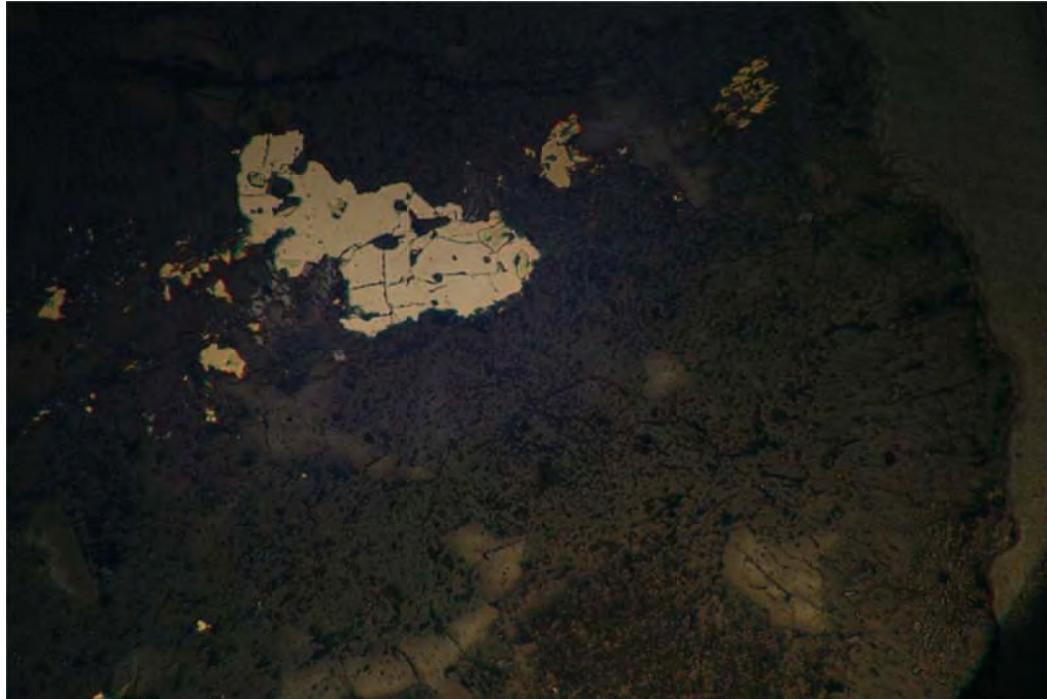
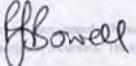


Figure 18-3: As above but in reflected light. (Pyrite in weathered feldspar – reflected light at x 4 magnification. Field of view = 2.8 mm)

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2011 Mineralogical Assessment

Mineralogical Assessment of 1 Sample from the Sternberg Lode at the Copper Flat Project, New Mexico, USA

Report Prepared for

THEMAC Resources Group Ltd.

THEMAC
RESOURCES 



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Mineralogical Assessment of 1 Sample from the Sternberg Lode at the Copper Flat Project, New Mexico, USA

1 SUMMARY

One sample of material from the Sternberg Lode at the Copper Flat project, New Mexico, USA was submitted for mineralogical analysis. The sample was collected by SRK staff during a site visit and sample collection exercise in December 2011. Owing to mineralogical variability of the sampled material it was split into three sub-samples in order to assess variability across the mineralization. The three sub-samples are all typical of an altered quartz monzonites or monzo-granite with major amounts of quartz, orthoclase and albite. The feldspars in particular have all undergone major alteration to illite with occasional minor kaolinite. The variation between the three samples is all within the nature and abundance of copper minerals that are present.

Copper mineralization was mainly associated with the sulfide chalcopyrite (CuFeS_2) which was present in all three sub-samples. For two of the three sub-samples chalcopyrite was the only copper-bearing mineral observed although other base-metal sulfides were often observed including molybdenite (MoS), pyrite (FeS_2) and galena (PbS). One of the sub-samples contained a wide variety of copper-bearing minerals which in addition to chalcopyrite included minor cuprite (Cu_2O) and trace amounts of covellite (CuS), malachite ($\text{Cu}_2(\text{CO}_3)(\text{OH})_2$), brochantite ($\text{Cu}_4(\text{SO}_4)(\text{OH})_6$), native Cu and Belloite ($\text{Cu}(\text{OH})\text{Cl}$).

Table 1-1: Summary of Minerals Found in the Polished Blocks

Minerals labelled in red are the copper-bearing minerals observed within the sample

		Sample ID	SRK2498	SRK2499	SRK2500
		Material →	Quartz	Quartz	Quartz
		Ideal chemistry ↓	Monzonite	Monzonite	Monzonite
Oxide Minerals	Quartz	SiO ₂	XXX	XXX	XXX
	Zircon	ZrSiO ₄		X	
	Fluorapatite	Ca ₅ (PO ₄) ₃ F	X		X
	Tsumoite	BiTe	X		
	Belloite	Cu(OH)Cl	X		
	Native Copper	Cu	X		
	Cuprite	Cu ₂ O	XX		
	Ilmenite	FeTiO ₃	X		
Clay Minerals	Avasite	5Fe ₂ O ₃ .2SiO ₂ .9H ₂ O	X		X
	Goethite	FeOOH	X		
	Rutile	TiO ₂	X	X	X
	Clinochlore - Chamosite	(Mg,Fe ²⁺) ₅ Al(AlSi ₃ O ₁₀)(OH) ₈	X	X	X
Feldspar Minerals	Phlogopite - Annite	K(Mg, Fe ²⁺) ₃ (AlSi ₃ O ₁₀)(OH,F) ₂	XX		XX
	Illite	K _{0.65} Al _{2.0} [Al _{0.65} Si _{3.35} O ₁₀](OH) ₂	XXX	XXX	XX
	Kaolinite	Al ₂ (Si ₂ O ₅)(OH) ₄	XX		
Sulfates	Albite	NaAlSi ₃ O ₈	XXX	XXX	XXX
	Orthoclase	KAlSi ₃ O ₈	XXX	XXX	XXX
Sulfides	Brochantite	Cu ₄ (SO ₄)(OH) ₆	X		
	Baryte	BaSO ₄		X	
	Covellite	CuS	X		
	Chalcopyrite	CuFeS ₂	XX	X	X
	Molybdenite	MoS	X	X	X
Carbonates	Pyrite	FeS ₂	X	X	XX
	Galena	PbS		X	
	Malachite	Cu ₂ (CO ₃)(OH) ₂	X		
	X	Trace Minerals (<1% by area)			
	XX	Minor Minerals (1-10% by area)			
	XXX	Major Minerals (> 10% by area)			

2 SRK2498

This sub-sample is an altered quartz monzonite which contains the greatest amount and variety of copper minerals. Along with minor amounts of chalcopyrite and cuprite there was trace amounts of malachite, covellite, brochantite, native copper and belloite.

Table 2-1: Minerals Found and Their Abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Native Copper	Chalcopyrite	Quartz
Belloite	Cuprite	Albite
Brochantite	Phlogopite	Orthoclase
Covellite		Illite
Malachite		
Fluorapatite		
Tsumoite		
Ilmenite		
Avasite		
Goethite		
Rutile		
Clinochlore		
Molybdenite		
Pyrite		

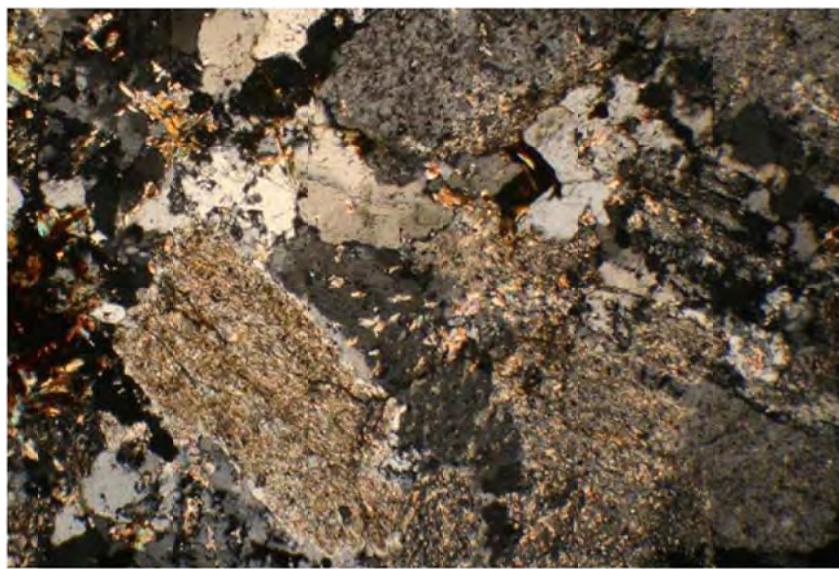


Figure 2-1: Cross Polarized Image

This texture was typical of all three sub-samples with quartz, albite and orthoclase in close association. The orthoclase shows moderate to pervasive alteration to illite.

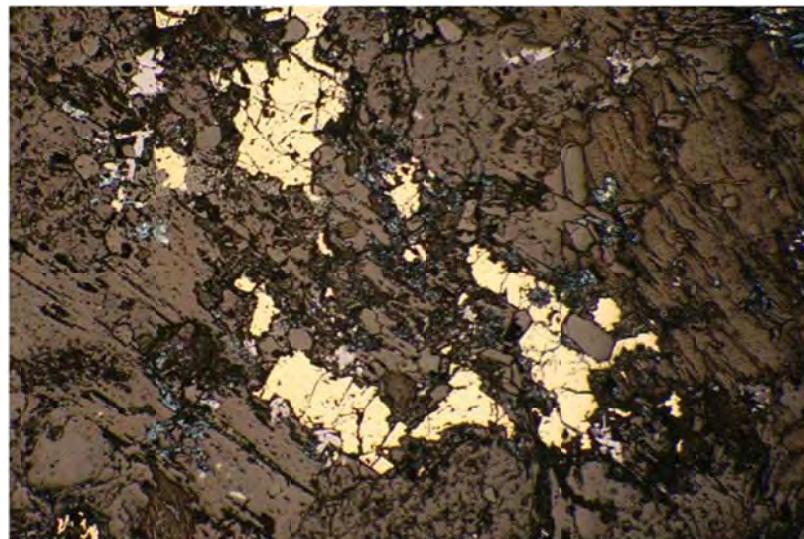


Figure 2-2: Reflected Light Image

Chalcopyrite (yellow) and covellite (violet/blue) in close association within an altered silicate groundmass. The covellite is very fine-grained in comparison to the coarser chalcopyrite.

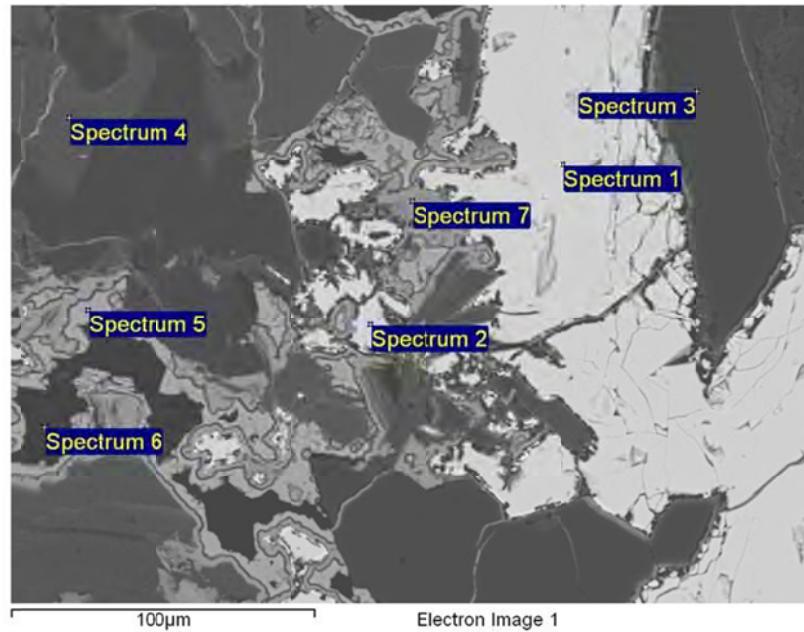


Figure 2-3: Back Scatter Image

Chalcopyrite (Spectra 1 & 2) associated with quartz (Spectrum 3), microcline (Spectrum 4), brochantite (Spectrum 5), belloite (Spectrum 6) and ilmenite (Spectrum 7).

3 SRK2499

This sub-sample is also an altered quartz monzonite which contains some trace amounts of chalcopyrite. No other copper minerals were observed within this sample and other trace mineral variability was limited.

Table 3-1: Minerals Found and Their Abundance

Trace Minerals (1% ≥)	Minor Minerals (1%–10%)	Major Minerals (10% <)
Zircon	Kaolinite	Quartz
Rutile		Albite
Clinochlore		Orthoclase
Baryte		Illite
Chalcopyrite		
Molybdenite		
Pyrite		
Galena		

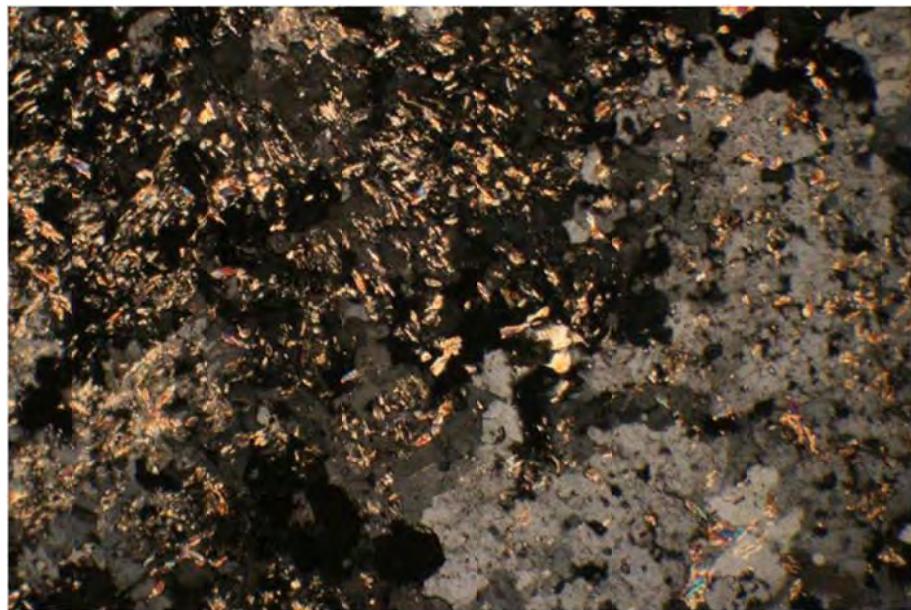


Figure 3-1: Cross Polarized Image

Very fine-grained illite (high interference colours) altering from microcline and associated with small amounts of quartz.

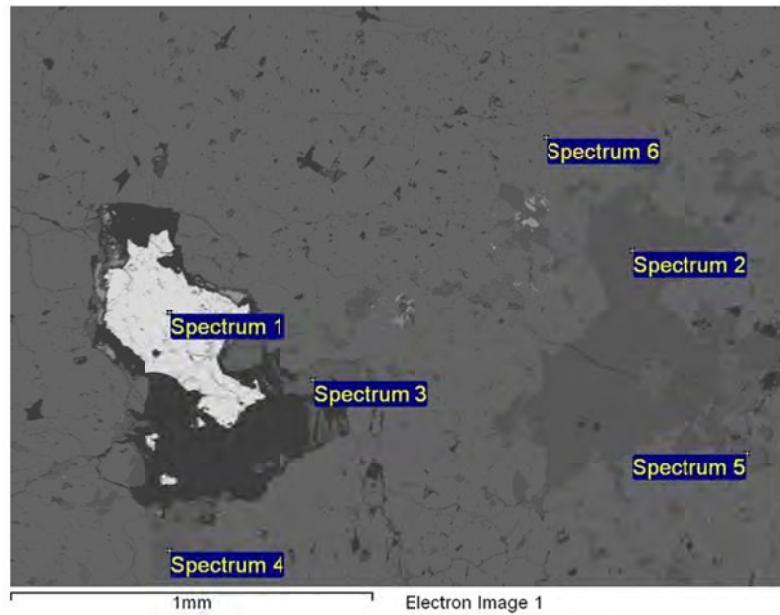


Figure 3-2: Back Scatter Image

Chalcopyrite (Spectrum 1), associated with quartz (Spectrum 2), illite (Spectra 3-5) and microcline (Spectrum 6).

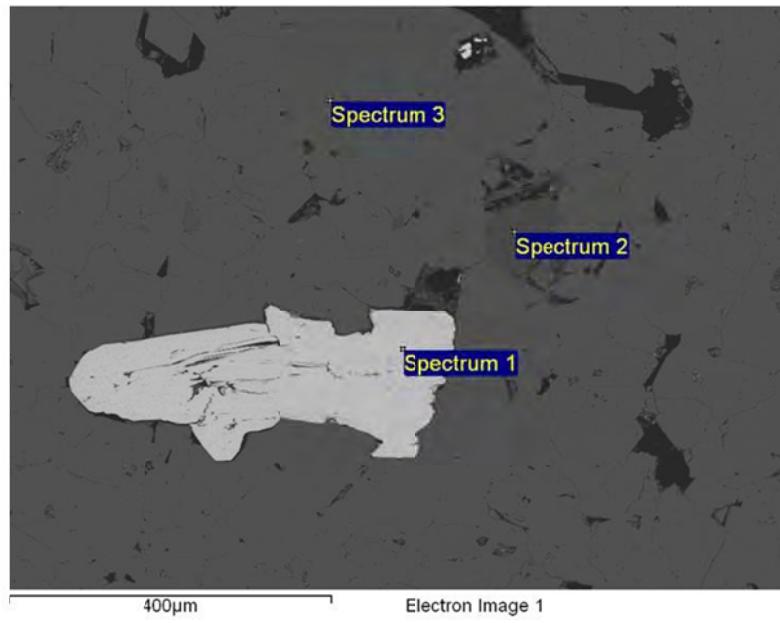


Figure 3-3: Back Scatter Image

Molybdenite grain (Spectrum 1), associated with quartz (Spectrum 2) and microcline (Spectrum 3).

4 SRK2500

This sub-sample is also an altered quartz monzonite which contains some minor amounts of pyrite and some trace amounts of chalcopyrite. No other copper minerals were observed within this sample and other trace mineral variability was limited.

Table 4-1: Minerals Found and Their Abundance

Trace Minerals (1% ≥)	Minor Minerals (1%-10%)	Major Minerals (10% <)
Zircon	Kaolinite	Quartz
Rutile	Pyrite	Albite
Clinochlore		Orthoclase
Baryte		Illite
Chalcopyrite		
Molybdenite		
Pyrite		
Galena		

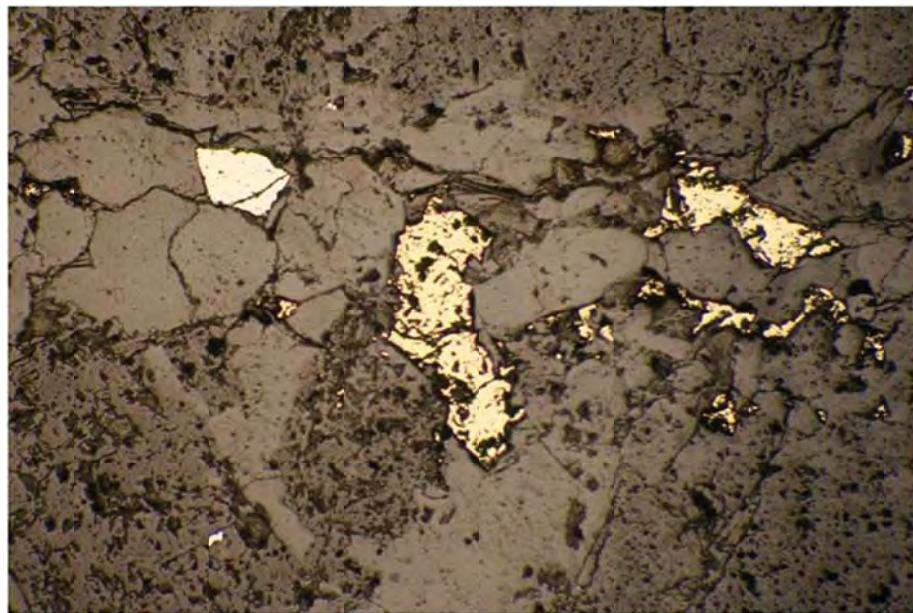


Figure 4-1: Reflected Light Image

Chalcopyrite (yellow) and pyrite (cream) within a silicate groundmass.

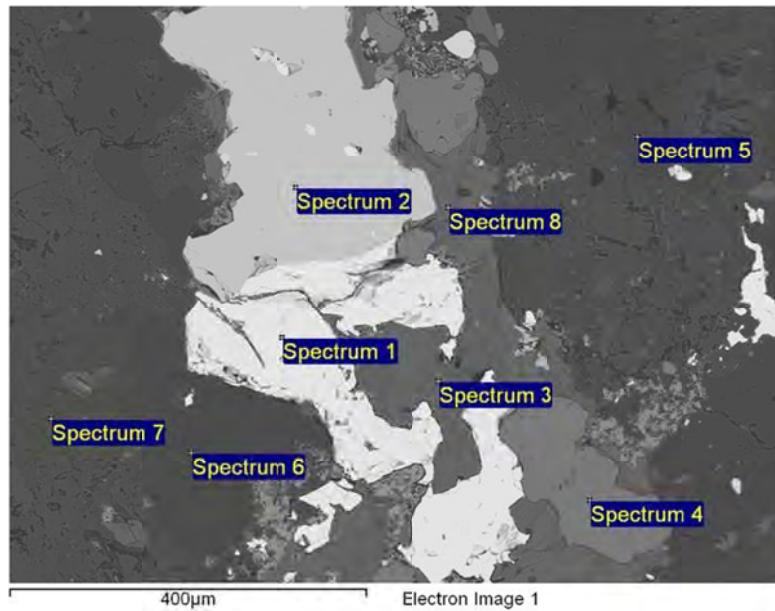


Figure 4-2: Back Scatter Image

Sulfide composite consisting of chalcopyrite (Spectrum 1) and pyrite (Spectrum 2) surrounded by clinochlore (Spectrum 3), fluorapatite (Spectrum 4), quartz (Spectra 5-6), illite (Spectrum 7) and phlogopite (Spectrum 8).

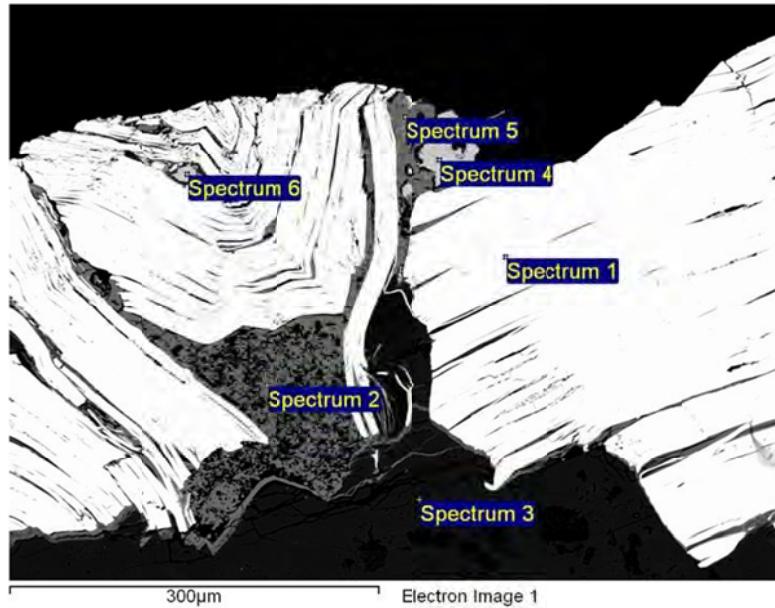
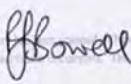


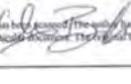
Figure 4-3: Back Scatter Image

Molybdenite grain (Spectrum 1), associated with avasite (Spectra 2 & 5), microcline (Spectrum 3) and chalcopyrite (Spectra 4 & 6).

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Appendix C

Humidity Cell Test Results

McClelland Laboratory Weekly Reports

New Mexico Copper Corp.
MLI Job No. 3438

Table 1 . - Humidity Cell Analytical Results, 604 562

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	mg/l	
0	0.595	8.06	179	2.11	0.02	0.008	0.008	0.00	1600.0	634.67	634.67	0	0.00	0.00	80	31.73	31.73
1	0.863	8.17	204	0.86	0.00	0.000	0.008	0.00	400.0	230.13	864.80	0	0.00	0.00	102	58.68	90.41
2	0.700	7.79	203	0.30	0.00	0.000	0.008	0.00	97.0	45.27	910.07	0	0.00	0.00	54	25.20	115.61
3	0.767	8.21	227	0.42	0.00	0.000	0.008	0.00	110.0	56.25	966.32	0	0.00	0.00	106	54.20	169.81
4	0.730	8.13	127	0.39	0.01	0.005	0.013	0.00	91.0	44.29	1010.61	0	0.00	0.00	107	52.07	221.88
5	0.774	8.22	220	0.35	0.00	0.000	0.013	0.00	84.0	43.34	1053.95	0	0.00	0.00	91	46.96	268.84
6	0.758	8.09	147	0.40	0.00	0.000	0.013	0.00	130.0	65.69	1119.64	0	0.00	0.00	80	40.43	309.27
7	0.738	8.15	244	0.40	0.00	0.000	0.013	0.00	100.0	49.20	1168.84	0	0.00	0.00	94	46.25	355.52
8	0.761	8.00	288	0.37	0.00	0.000	0.013	0.00	120.0	60.88	1229.72	0	0.00	0.00	71	36.02	391.54
9	0.732	8.20	134	0.41	0.00	0.000	0.013	0.00	130.0	63.44	1293.16	0	0.00	0.00	78	38.06	429.60
10	0.747	7.88	269	0.41	0.00	0.000	0.013	0.00	120.0	59.76	1352.92	0	0.00	0.00	74	36.85	466.45
11	0.739	7.61	130	0.39	0.00	0.000	0.013	0.00	110.0	54.19	1407.11	0	0.00	0.00	75	36.95	503.40
12	0.746	8.10	211	0.36	0.02	0.010	0.023	0.00	100.0	49.73	1456.84	0	0.00	0.00	64	31.83	535.23
13	0.742	8.13	167	0.34	0.01	0.005	0.028	0.00	91.0	45.01	1501.85	0	0.00	0.00	75	37.10	572.33
14	0.716	8.12	144	0.36	0.01	0.005	0.033	0.00	84.0	40.10	1541.95	0	0.00	0.00	76	36.28	608.61
15	0.783	7.89	202	0.32	0.02	0.010	0.043	0.00	56.0	29.23	1571.18	0	0.00	0.00	82	42.80	651.41
16	0.731	8.24	226	0.32	0.01	0.005	0.048	0.01	79.0	38.50	1609.68	0	0.00	0.00	61	29.73	681.14
17	0.733	7.91	323	0.33	0.02	0.010	0.058	0.02	80.0	39.09	1648.77	0	0.00	0.00	71	34.70	715.84
18	0.735	7.66	317	0.32	0.01	0.005	0.063	0.00	72.0	35.28	1684.05	0	0.00	0.00	51	24.99	740.83
19	0.762	7.89	250	0.35	0.02	0.010	0.073	0.00	78.0	39.62	1723.67	0	0.00	0.00	74	37.59	778.42
20	0.727	7.75	206	0.33	0.00	0.000	0.073	0.00	87.0	42.17	1765.84	0	0.00	0.00	60	29.08	807.50
21	0.745	7.85	231	0.35	0.01	0.005	0.078	0.00	71.0	35.26	1801.10	0	0.00	0.00	74	36.75	844.25
22	0.750	7.84	227	0.34	0.00	0.000	0.078	0.00	73.0	36.50	1837.60	0	0.00	0.00	75	37.50	881.75
23	0.733	7.83	192	0.38	0.02	0.010	0.088	0.01	76.0	37.14	1874.74	0	0.00	0.00	78	38.12	919.87
24	0.743	7.83	239	0.35	0.03	0.015	0.103	0.00	69.0	34.18	1908.92	0	0.00	0.00	80	39.63	959.50
25	0.728	8.11	192	0.33	0.03	0.015	0.118	0.00	61.0	29.61	1938.53	0	0.00	0.00	73	35.43	994.93
26	0.747	8.15	213	0.29	0.00	0.000	0.118	0.00	45.0	22.41	1960.94	0	0.00	0.00	73	36.35	1031.28
27	0.745	8.18	192	0.30	0.01	0.005	0.123	0.00	47.0	23.34	1984.28	0	0.00	0.00	72	35.76	1067.04
28	0.769	8.07	234	0.31	0.00	0.000	0.123	0.00	59.0	30.25	2014.53	0	0.00	0.00	70	35.89	1102.93
29	0.731	8.14	173	0.34	0.01	0.005	0.128	0.00	71.0	34.60	2049.13	0	0.00	0.00	63	30.70	1133.63
30	0.721	8.03	231	0.34	0.02	0.010	0.138	0.00	75.0	36.05	2085.18	0	0.00	0.00	63	30.28	1163.91
31	0.763	8.10	201	0.30	0.02	0.010	0.148	0.00	51.0	25.94	2111.12	0	0.00	0.00	67	34.08	1197.99
32	0.737	7.84	216	0.32	0.06	0.029	0.177	0.01	56.0	27.51	2138.63	0	0.00	0.00	71	34.88	1232.87
33	0.699	8.09	245	0.32	0.00	0.000	0.177	0.00	58.0	27.03	2165.66	0	0.00	0.00	71	33.09	1265.96
34	0.781	8.13	250	0.25	0.00	0.000	0.177	0.00	31.0	16.14	2181.80	0	0.00	0.00	72	37.49	1303.45
35	0.746	8.00	226	0.21	0.00	0.000	0.177	0.00	50.0	24.87	2206.67	0	0.00	0.00	54	26.86	1330.31
36	0.684	8.08	245	0.23	0.00	0.000	0.177	0.00	53.0	24.17	2230.84	0	0.00	0.00	64	29.18	1359.49
37	0.728	7.99	206	0.21	0.02	0.010	0.187	0.00	49.0	23.78	2254.62	0	0.00	0.00	63	30.58	1390.07
38	0.737	7.84	266	0.21	0.04	0.020	0.207	0.00	46.0	22.60	2277.22	0	0.00	0.00	65	31.94	1422.01
39	0.747	7.94	252	0.20	0.03	0.015	0.222	0.02	41.0	21.91	2299.13	0	0.00	0.00	63	31.37	1453.38
40	0.744	8.03	253	0.20	0.00	0.000	0.222	0.00	40.0	19.84	2318.97	0	0.00	0.00	63	31.25	1484.63
41	0.755	7.90	209	0.19	0.01	0.005	0.227	0.01	35.0	17.62	2336.59	0	0.00	0.00	67	33.72	1518.35
42	0.742	8.00	198	0.20	0.04	0.020	0.247	0.02	34.0	16.82	2353.41	0	0.00	0.00	62	30.67	1549.02
43	0.732	7.80	153	0.19	0.02	0.010	0.257	0.01	41.0	20.01	2373.42	0	0.00	0.00	61	29.77	1578.79
44	0.757	7.80	210	0.16	0.01	0.005	0.262	0.00	43.0	21.70	2395.12	0	0.00	0.00	60	30.28	1609.07

Test Terminated

Figure 1a.- Weekly Humidity Cell Analytical Results

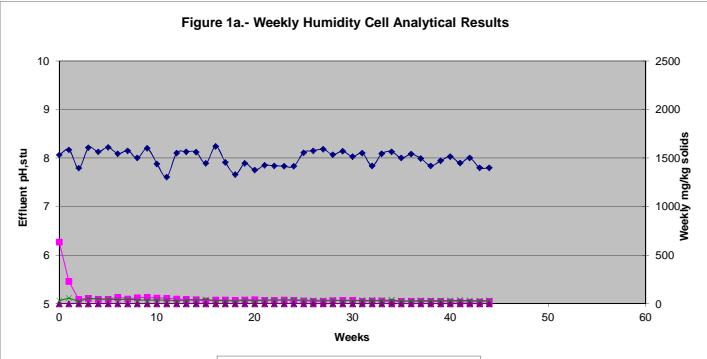


Figure 1b.- Cumulative Humidity Cell Analytical Results

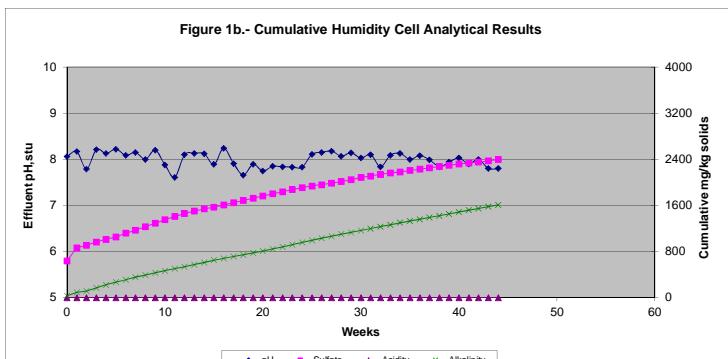


Table 2 . - Humidity Cell Analytical Results, 604 569

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.767	8.54	171	0.64	0.02	0.010	0.010	0.00	0.02	200.0	102.27	102.27	0	0.00	0.00	100	51.13	51.13
1	0.784	8.18	258	0.31	0.02	0.010	0.020	0.00	0.02	79.0	41.29	143.56	0	0.00	0.00	88	45.99	97.12
2	0.680	8.36	215	0.27	0.02	0.009	0.029	0.00	0.02	88.0	39.89	183.45	0	0.00	0.00	62	28.11	125.23
3	0.758	8.15	185	0.25	0.01	0.005	0.034	0.00	0.01	46.0	23.25	206.70	0	0.00	0.00	66	33.35	158.58
4	0.711	8.10	278	0.25	0.01	0.005	0.039	0.00	0.01	54.0	25.60	232.30	0	0.00	0.00	61	28.91	187.49
5	0.705	8.13	193	0.21	0.00	0.000	0.039	0.00	0.00	46.0	21.62	253.92	0	0.00	0.00	42	19.74	207.23
6	0.798	8.06	277	0.20	0.00	0.000	0.039	0.00	0.00	35.0	18.62	272.54	0	0.00	0.00	54	28.73	235.96
7	0.693	7.99	253	0.22	0.00	0.000	0.039	0.00	0.00	43.0	19.87	292.41	0	0.00	0.00	55	25.41	261.37
8	0.775	8.10	246	0.20	0.09	0.047	0.086	0.04	0.05	38.0	19.63	312.04	0	0.00	0.00	49	25.32	286.69
9	0.752	8.13	135	0.21	0.00	0.000	0.086	0.00	0.00	47.0	23.56	335.60	0	0.00	0.00	41	20.55	307.24
10	0.722	7.74	248	0.21	0.00	0.000	0.086	0.00	0.00	46.0	22.14	357.74	0	0.00	0.00	38	18.29	325.53
11	0.741	8.02	121	0.20	0.00	0.000	0.086	0.00	0.00	42.0	20.75	378.49	0	0.00	0.00	37	18.28	343.81
12	0.691	7.93	196	0.18	0.01	0.005	0.091	0.00	0.01	35.0	16.12	394.61	0	0.00	0.00	27	12.44	356.25
13	0.736	7.47	184	0.18	0.00	0.000	0.091	0.00	0.00	32.0	15.70	410.31	0	0.00	0.00	30	14.72	370.97
14	0.705	7.57	137	0.18	0.00	0.000	0.091	0.00	0.00	29.0	13.63	423.94	0	0.00	0.00	27	12.69	383.66
15	0.725	7.53	195	0.18	0.01	0.005	0.096	0.00	0.01	27.0	13.05	436.99	0	0.00	0.00	28	13.53	397.19
16	0.726	8.28	219	0.17	0.00	0.000	0.096	0.00	0.00	25.0	12.10	449.09	0	0.00	0.00	30	14.52	411.71
17	0.713	8.06	307	0.17	0.01	0.005	0.101	0.00	0.01	25.0	11.88	460.97	0	0.00	0.00	27	12.83	424.54
18	0.721	8.22	258	0.17	0.03	0.014	0.115	0.00	0.03	24.0	11.54	472.51	0	0.00	0.00	28	13.46	438.00
19	0.674	7.77	294	0.18	0.02	0.009	0.124	0.00	0.02	25.0	11.23	483.74	0	0.00	0.00	29	13.03	451.03
20	0.798	7.99	162	0.18	0.00	0.000	0.124	0.00	0.00	21.0	11.17	494.91	0	0.00	0.00	32	17.02	468.05
21	0.695	7.92	198	0.18	0.01	0.005	0.129	0.00	0.01	24.0	11.12	506.03	0	0.00	0.00	27	12.51	480.56
22	0.764	7.91	183	0.18	0.00	0.000	0.129	0.00	0.00	23.0	11.71	517.74	0	0.00	0.00	29	14.77	495.33
23	0.703	7.81	168	0.18	0.00	0.000	0.129	0.00	0.00	25.0	11.72	529.46	0	0.00	0.00	27	12.65	507.98
24	0.757	7.95	165	0.17	0.00	0.000	0.129	0.00	0.00	22.0	11.10	540.56	0	0.00	0.00	26	13.12	521.10
25	0.677	7.86	172	0.17	0.00	0.000	0.129	0.00	0.00	23.0	10.38	550.94	0	0.00	0.00	24	10.83	531.93
26	0.761	8.06	216	0.17	0.02	0.010	0.139	0.00	0.02	21.0	10.65	561.59	0	0.00	0.00	30	15.22	547.15
27	0.738	7.85	206	0.17	0.01	0.005	0.144	0.00	0.01	20.0	9.84	571.43	0	0.00	0.00	25	12.30	559.45
28	0.741	7.67	182	0.17	0.02	0.010	0.154	0.01	0.01	20.0	9.88	581.31	0	0.00	0.00	23	11.36	570.81
29	0.708	7.96	173	0.17	0.02	0.009	0.163	0.01	0.01	19.0	8.97	590.28	0	0.00	0.00	22	10.38	581.19
30	0.685	7.86	206	0.17	0.03	0.014	0.177	0.01	0.02	20.0	9.13	599.41	0	0.00	0.00	24	10.96	592.15
31	0.761	8.02	208	0.17	0.00	0.000	0.177	0.00	0.00	17.0	8.62	608.03	0	0.00	0.00	30	15.22	607.37
32	0.764	7.91	163	0.17	0.00	0.000	0.177	0.00	0.00	15.0	7.64	615.67	0	0.00	0.00	25	12.73	620.10
33	0.724	7.87	200	0.17	0.00	0.000	0.177	0.00	0.00	12.0	5.79	621.46	0	0.00	0.00	22	10.62	630.72
34	0.638	7.92	223	0.16	0.01	0.004	0.181	0.00	0.01	16.0	6.81	628.27	0	0.00	0.00	23	9.78	640.50
35	0.815	7.79	226	0.15	0.00	0.000	0.181	0.00	0.00	12.0	6.52	634.79	0	0.00	0.00	30	16.30	656.80
36	0.701	7.75	222	0.15	0.00	0.000	0.181	0.00	0.00	13.0	6.08	640.87	0	0.00	0.00	22	10.28	667.08
37	0.767	7.86	204	0.15	0.02	0.010	0.191	0.00	0.02	10.0	5.11	645.98	0	0.00	0.00	27	13.81	680.89
38	0.730	7.69	229	0.15	0.00	0.000	0.191	0.00	0.00	11.0	5.35	651.33	0	0.00	0.00	24	11.68	692.57
39	0.692	7.62	244	0.14	0.05	0.023	0.214	0.02	0.03	12.0	5.54	656.87	0	0.00	0.00	21	9.69	702.26
40	0.724	7.79	137	0.14	0.03	0.014	0.228	0.00	0.03	10.0	4.83	661.70	0	0.00	0.00	22	10.62	712.88
41	0.774	7.65	202	0.14	0.04	0.021	0.249	0.02	0.02	7.8	4.02	665.72	0	0.00	0.00	26	13.42	726.30
42	0.722	7.61	213	0.14	0.03	0.014	0.263	0.03	0.00	8.4	4.04	669.76	0	0.00	0.00	21	10.11	736.41
43	0.671	7.57	192	0.14	0.03	0.013	0.276	0.02	0.01	11.0	4.92	674.68	0	0.00	0.00	21	9.39	745.80
44	0.785	7.52	173	0.14	0.03	0.016	0.292	0.01	0.02	11.0	5.76	680.44	0	0.00	0.00	26	13.61	759.41

Test Terminated

Figure 2a.- Weekly Humidity Cell Analytical Results

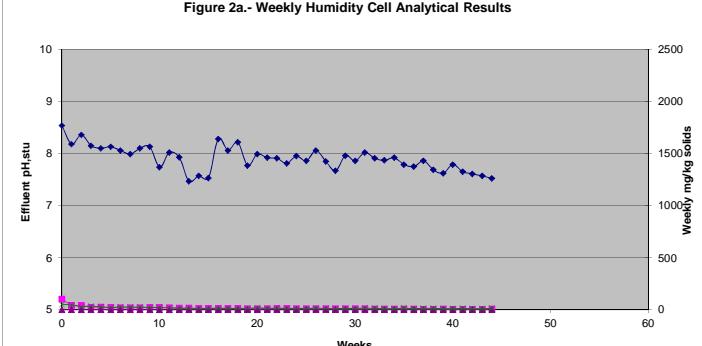


Figure 2b.- Cumulative Humidity Cell Analytical Results

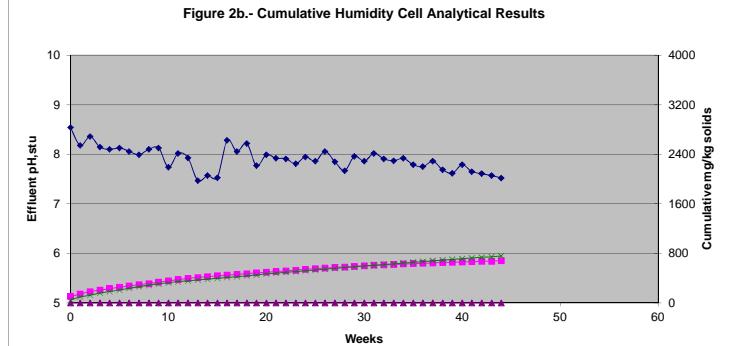


Table 3 . - Humidity Cell Analytical Results, 604 606

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	mg/l	
0	0.738	8.42	197	0.71	0.01	0.005	0.005	0.00	0.01	170.0	83.64	83.64	0	0.00	0.00	138	67.90	67.90
1	0.751	8.21	184	0.28	0.04	0.020	0.025	0.00	0.04	39.0	19.53	103.17	0	0.00	0.00	122	61.08	128.98
2	0.766	8.36	210	0.32	0.03	0.015	0.040	0.00	0.03	67.0	34.21	137.38	0	0.00	0.00	114	58.22	187.20
3	0.729	8.30	180	0.37	0.02	0.010	0.050	0.00	0.02	95.0	46.17	183.55	0	0.00	0.00	91	44.23	231.43
4	0.733	8.31	142	0.36	0.00	0.000	0.050	0.00	0.00	81.0	39.58	223.13	0	0.00	0.00	95	46.42	277.85
5	0.725	8.20	145	0.29	0.00	0.000	0.050	0.00	0.00	76.0	36.73	259.86	0	0.00	0.00	60	29.00	306.85
6	0.787	8.16	123	0.30	0.00	0.000	0.050	0.00	0.00	63.0	33.05	292.91	0	0.00	0.00	79	41.45	348.30
7	0.711	8.18	175	0.31	0.00	0.000	0.050	0.00	0.00	63.0	29.86	322.77	0	0.00	0.00	82	38.87	387.17
8	0.724	8.17	248	0.29	0.00	0.000	0.050	0.00	0.00	68.0	32.82	355.59	0	0.00	0.00	73	35.23	422.40
9	0.770	8.15	141	0.30	0.00	0.000	0.050	0.00	0.00	63.0	32.34	387.93	0	0.00	0.00	77	39.53	461.93
10	0.727	7.98	227	0.30	0.00	0.000	0.050	0.00	0.00	69.0	33.44	421.37	0	0.00	0.00	61	29.56	491.49
11	0.729	8.08	123	0.30	0.03	0.015	0.065	0.01	0.02	62.0	30.13	451.50	0	0.00	0.00	70	34.02	525.51
12	0.737	8.14	157	0.26	0.03	0.015	0.080	0.00	0.03	55.0	27.02	478.52	0	0.00	0.00	56	27.51	553.02
13	0.727	8.04	106	0.25	0.00	0.000	0.080	0.00	0.00	49.0	23.75	502.27	0	0.00	0.00	63	30.39	583.41
14	0.737	8.17	120	0.26	0.02	0.010	0.090	0.00	0.02	42.0	20.64	522.91	0	0.00	0.00	66	32.43	615.84
15	0.777	7.81	149	0.24	0.02	0.010	0.100	0.00	0.02	38.0	19.68	542.59	0	0.00	0.00	62	32.12	647.96
16	0.706	8.31	181	0.24	0.01	0.005	0.105	0.01	0.00	43.0	20.24	562.83	0	0.00	0.00	58	27.30	675.26
17	0.746	8.32	285	0.23	0.01	0.005	0.110	0.00	0.01	39.0	19.40	582.23	0	0.00	0.00	59	29.34	704.60
18	0.772	8.27	270	0.22	0.02	0.010	0.120	0.01	0.01	36.0	18.53	600.76	0	0.00	0.00	55	28.31	732.91
19	0.717	8.08	279	0.23	0.03	0.014	0.134	0.00	0.03	39.0	18.64	619.40	0	0.00	0.00	54	25.81	758.72
20	0.749	8.17	90	0.24	0.01	0.005	0.139	0.00	0.01	36.0	17.98	637.38	0	0.00	0.00	57	28.46	787.18
21	0.734	8.16	154	0.24	0.01	0.005	0.144	0.00	0.01	37.0	18.11	655.49	0	0.00	0.00	55	26.91	814.09
22	0.754	8.17	145	0.23	0.00	0.000	0.144	0.00	0.00	35.0	17.59	673.08	0	0.00	0.00	53	26.64	840.73
23	0.734	8.12	112	0.25	0.00	0.000	0.144	0.00	0.00	36.0	17.62	690.70	0	0.00	0.00	55	26.91	867.64
24	0.740	8.26	149	0.23	0.00	0.000	0.144	0.00	0.00	32.0	15.79	706.49	0	0.00	0.00	54	26.64	894.28
25	0.709	8.17	148	0.23	0.01	0.005	0.149	0.01	0.00	32.0	15.13	721.62	0	0.00	0.00	53	25.05	919.33
26	0.733	8.28	177	0.23	0.01	0.005	0.154	0.00	0.01	31.0	15.15	736.77	0	0.00	0.00	56	27.37	946.70
27	0.755	8.19	170	0.22	0.01	0.005	0.159	0.00	0.01	28.0	14.09	750.86	0	0.00	0.00	56	28.19	974.89
28	0.712	8.10	123	0.23	0.02	0.009	0.168	0.00	0.02	31.0	14.71	765.57	0	0.00	0.00	55	26.11	1001.00
29	0.745	8.20	154	0.22	0.03	0.015	0.183	0.00	0.03	23.0	11.42	776.99	0	0.00	0.00	57	28.31	1029.31
30	0.778	8.14	173	0.23	0.01	0.005	0.188	0.01	0.00	27.0	14.00	790.99	0	0.00	0.00	55	28.53	1057.84
31	0.735	8.15	194	0.22	0.01	0.005	0.193	0.01	0.00	28.0	13.72	804.71	0	0.00	0.00	49	24.01	1081.85
32	0.690	8.15	121	0.22	0.07	0.032	0.225	0.01	0.06	26.0	11.96	816.67	0	0.00	0.00	50	23.00	1104.85
33	0.778	8.18	174	0.21	0.00	0.000	0.225	0.00	0.00	20.0	10.37	827.04	0	0.00	0.00	53	27.49	1132.34
34	0.744	8.16	214	0.21	0.00	0.000	0.225	0.00	0.00	22.0	10.91	837.95	0	0.00	0.00	54	26.78	1159.12
35	0.739	8.06	200	0.18	0.00	0.000	0.225	0.00	0.00	21.0	10.35	848.30	0	0.00	0.00	52	25.62	1184.74
36	0.734	8.13	203	0.17	0.03	0.015	0.240	0.01	0.02	20.0	9.79	858.09	0	0.00	0.00	53	25.93	1210.67
37	0.739	8.15	185	0.17	0.01	0.005	0.245	0.00	0.01	17.0	8.38	866.47	0	0.00	0.00	53	26.11	1236.78
38	0.726	8.10	211	0.17	0.00	0.000	0.245	0.00	0.00	18.0	8.71	875.18	0	0.00	0.00	53	25.65	1262.43
39	0.708	8.00	227	0.17	0.03	0.014	0.259	0.01	0.02	18.0	8.50	883.68	0	0.00	0.00	53	25.02	1287.45
40	0.776	8.18	145	0.16	0.03	0.016	0.275	0.01	0.02	13.0	6.73	890.41	0	0.00	0.00	50	25.87	1313.32
41	0.748	7.92	193	0.16	0.01	0.005	0.280	0.01	0.00	11.0	5.49	895.90	0	0.00	0.00	52	25.93	1339.25
42	0.737	8.02	206	0.17	0.03	0.015	0.295	0.02	0.01	13.0	6.39	902.29	0	0.00	0.00	50	24.57	1363.82
43	0.707	7.99	201	0.16	0.01	0.005	0.300	0.01	0.00	16.0	7.54	909.83	0	0.00	0.00	49	23.10	1386.92
44	0.770	7.89	164	0.15	0.10	0.051	0.351	0.04	0.06	17.0	8.73	918.56	0	0.00	0.00	51	26.18	1413.10

Test Terminated

Figure 3a.- Weekly Humidity Cell Analytical Results

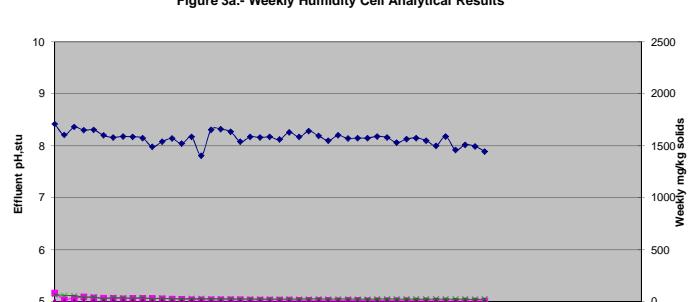


Figure 3b.- Cumulative Humidity Cell Analytical Results

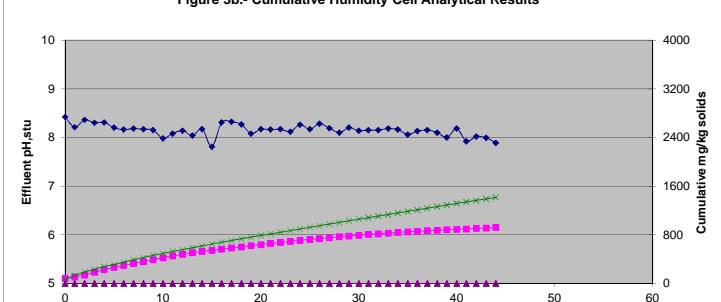


Table 4 . - Humidity Cell Analytical Results, 604 653

(1,4900 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ + mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	mg/l	
0	0.770	8.36	209	0.91	0.01	0.005	0.005	0.00	0.01	250.0	129.19	129.19	0	0.00	0.00	156	80.62	80.62
1	0.730	8.02	200	0.26	0.01	0.005	0.010	0.00	0.01	65.0	31.85	161.04	0	0.00	0.00	84	41.15	121.77
2	0.753	8.32	186	0.42	0.00	0.000	0.010	0.00	0.00	110.0	55.59	216.63	0	0.00	0.00	123	62.31	184.08
3	0.731	8.32	100	0.39	0.02	0.010	0.020	0.00	0.02	92.0	45.14	261.77	0	0.00	0.00	100	49.06	233.14
4	0.746	8.26	141	0.38	0.01	0.005	0.025	0.00	0.01	83.0	41.56	303.33	0	0.00	0.00	103	51.57	284.71
5	0.742	8.24	145	0.37	0.00	0.000	0.025	0.00	0.00	99.0	49.30	352.63	0	0.00	0.00	80	39.84	324.55
6	0.753	8.14	127	0.37	0.00	0.000	0.025	0.00	0.00	97.0	49.02	401.65	0	0.00	0.00	85	42.96	367.51
7	0.727	8.19	171	0.38	0.00	0.000	0.025	0.00	0.00	88.0	42.94	444.59	0	0.00	0.00	89	43.42	410.93
8	0.751	8.12	241	0.31	0.00	0.000	0.025	0.00	0.00	71.0	35.79	480.38	0	0.00	0.00	83	41.83	452.76
9	0.760	8.12	138	0.37	0.00	0.000	0.025	0.00	0.00	99.0	50.50	530.88	0	0.00	0.00	83	42.34	495.10
10	0.734	7.96	218	0.42	0.00	0.000	0.025	0.00	0.00	120.0	59.11	589.99	0	0.00	0.00	75	36.95	532.05
11	0.766	8.03	129	0.36	0.04	0.021	0.046	0.01	0.03	94.0	48.32	638.31	0	0.00	0.00	74	38.04	570.09
12	0.730	8.01	155	0.33	0.01	0.005	0.051	0.00	0.01	100.0	48.99	687.30	0	0.00	0.00	46	22.54	592.63
13	0.763	7.89	127	0.30	0.01	0.005	0.056	0.00	0.01	81.0	41.48	728.78	0	0.00	0.00	56	28.68	621.31
14	0.725	7.86	194	0.31	0.00	0.000	0.056	0.00	0.00	81.0	39.41	768.19	0	0.00	0.00	52	25.30	646.61
15	0.733	7.77	156	0.30	0.05	0.025	0.081	0.03	0.02	70.0	34.44	802.63	0	0.00	0.00	59	29.02	675.63
16	0.762	8.27	219	0.27	0.02	0.010	0.091	0.02	0.00	59.0	30.17	832.80	0	0.00	0.00	63	32.22	707.85
17	0.719	8.21	301	0.28	0.01	0.005	0.096	0.00	0.01	67.0	32.33	865.13	0	0.00	0.00	55	26.54	734.39
18	0.750	8.13	316	0.22	0.00	0.000	0.096	0.00	0.00	35.0	17.62	882.75	0	0.00	0.00	57	28.69	763.08
19	0.778	8.09	287	0.23	0.02	0.010	0.106	0.00	0.02	36.0	18.80	901.55	0	0.00	0.00	56	29.24	792.32
20	0.699	8.12	151	0.23	0.01	0.005	0.111	0.00	0.01	54.0	25.33	926.88	0	0.00	0.00	36	16.89	809.21
21	0.762	8.08	175	0.20	0.01	0.005	0.116	0.00	0.01	36.0	18.41	945.29	0	0.00	0.00	37	18.92	828.13
22	0.763	8.06	187	0.22	0.01	0.005	0.121	0.00	0.01	45.0	23.04	968.33	0	0.00	0.00	38	19.46	847.59
23	0.744	8.01	165	0.24	0.01	0.005	0.126	0.00	0.01	53.0	26.46	994.79	0	0.00	0.00	34	16.98	864.57
24	0.735	8.10	175	0.23	0.02	0.010	0.136	0.00	0.02	53.0	26.14	1020.93	0	0.00	0.00	32	15.79	880.36
25	0.715	8.04	152	0.22	0.01	0.005	0.141	0.00	0.01	50.0	23.99	1044.92	0	0.00	0.00	35	16.80	897.16
26	0.742	8.13	203	0.22	0.02	0.010	0.151	0.00	0.02	38.0	18.92	1063.84	0	0.00	0.00	47	23.41	920.57
27	0.768	8.05	180	0.22	0.01	0.005	0.156	0.00	0.01	33.0	17.01	1080.85	0	0.00	0.00	50	25.77	946.34
28	0.728	7.95	160	0.24	0.00	0.000	0.156	0.00	0.00	43.0	21.01	1101.86	0	0.00	0.00	43	21.01	967.35
29	0.747	8.09	164	0.23	0.01	0.005	0.161	0.00	0.01	38.0	19.05	1120.91	0	0.00	0.00	47	23.56	990.91
30	0.770	8.01	200	0.25	0.01	0.005	0.166	0.00	0.01	40.0	20.67	1141.58	0	0.00	0.00	51	26.36	1017.27
31	0.743	8.06	210	0.23	0.02	0.010	0.176	0.01	0.01	39.0	19.45	1161.03	0	0.00	0.00	41	20.44	1037.71
32	0.733	8.06	160	0.22	0.01	0.005	0.181	0.00	0.01	36.0	17.71	1178.74	0	0.00	0.00	41	20.17	1057.88
33	0.712	8.04	195	0.23	0.00	0.000	0.181	0.00	0.00	35.0	16.72	1195.46	0	0.00	0.00	45	21.50	1079.38
34	0.768	8.13	222	0.21	0.00	0.000	0.181	0.00	0.00	29.0	14.95	1210.41	0	0.00	0.00	47	24.23	1103.61
35	0.720	7.97	203	0.17	0.00	0.000	0.181	0.00	0.00	29.0	14.01	1224.42	0	0.00	0.00	41	19.81	1123.42
36	0.769	8.01	208	0.17	0.01	0.005	0.186	0.00	0.01	26.0	13.42	1237.84	0	0.00	0.00	47	24.26	1147.68
37	0.744	8.00	212	0.17	0.00	0.000	0.186	0.00	0.00	25.0	12.48	1250.32	0	0.00	0.00	43	21.47	1169.15
38	0.702	7.97	213	0.17	0.02	0.009	0.195	0.00	0.02	29.0	13.66	1263.98	0	0.00	0.00	44	20.73	1189.88
39	0.778	7.88	241	0.17	0.02	0.010	0.205	0.02	0.00	24.0	12.53	1276.51	0	0.00	0.00	46	24.02	1213.90
40	0.713	7.99	173	0.17	0.01	0.005	0.210	0.00	0.01	25.0	11.96	1288.47	0	0.00	0.00	39	18.66	1232.56
41	0.783	7.83	210	0.16	0.01	0.005	0.215	0.00	0.01	19.0	9.98	1298.45	0	0.00	0.00	45	23.65	1256.21
42	0.728	7.87	220	0.17	0.04	0.020	0.235	0.02	0.02	22.0	10.75	1309.20	0	0.00	0.00	39	19.06	1275.27
43	0.707	7.87	218	0.16	0.03	0.014	0.249	0.02	0.01	27.0	12.81	1322.01	0	0.00	0.00	38	18.03	1293.30
44	0.781	7.81	175	0.14	0.01	0.005	0.254	0.00	0.01	23.0	12.06	1334.07	0	0.00	0.00	43	22.54	1315.84

Test Terminated

Figure 4a.- Weekly Humidity Cell Analytical Results

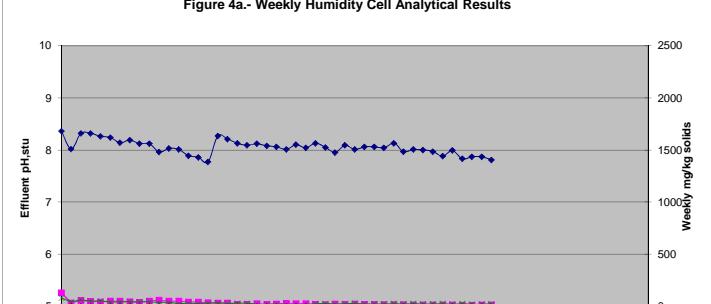


Figure 4b.- Cumulative Humidity Cell Analytical Results

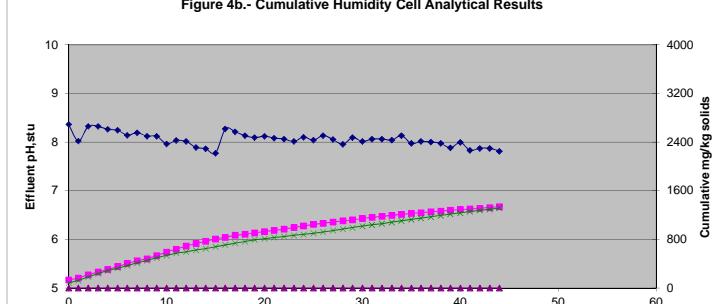


Table 5 . - Humidity Cell Analytical Results, 604 656

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.692	8.51	199	1.13	0.01	0.005	0.005	0.00	0.01	200.0	92.27	92.27	0	0.00	0.00	162	74.74	74.74
1	0.737	8.10	187	0.37	0.01	0.005	0.010	0.01	0.00	56.0	27.51	119.78	0	0.00	0.00	154	75.67	150.41
2	0.760	8.44	207	0.33	0.02	0.010	0.020	0.01	0.01	43.0	21.79	141.57	0	0.00	0.00	139	70.58	220.99
3	0.751	8.27	172	0.45	0.02	0.010	0.030	0.00	0.02	80.0	40.05	181.62	0	0.00	0.00	152	76.10	297.09
4	0.702	8.36	116	0.39	0.00	0.000	0.030	0.00	0.00	58.0	27.14	208.76	0	0.00	0.00	133	62.24	359.33
5	0.714	8.17	147	0.26	0.00	0.000	0.030	0.00	0.00	52.0	24.75	233.51	0	0.00	0.00	68	32.37	391.70
6	0.750	8.19	212	0.29	0.00	0.000	0.030	0.00	0.00	44.0	22.00	255.51	0	0.00	0.00	96	48.00	439.70
7	0.736	8.39	153	0.29	0.00	0.000	0.030	0.00	0.00	28.0	13.74	269.25	0	0.00	0.00	99	48.58	488.28
8	0.735	8.34	194	0.27	0.00	0.000	0.030	0.00	0.00	32.0	15.68	284.93	0	0.00	0.00	95	46.55	534.83
9	0.778	8.38	126	0.27	0.00	0.000	0.030	0.00	0.00	27.0	14.00	298.93	0	0.00	0.00	96	49.79	584.62
10	0.707	7.96	208	0.29	0.00	0.000	0.030	0.00	0.00	59.0	27.81	326.74	0	0.00	0.00	63	29.69	614.31
11	0.724	8.04	130	0.30	0.01	0.005	0.035	0.00	0.01	59.0	28.48	355.22	0	0.00	0.00	73	35.23	649.54
12	0.713	8.20	181	0.38	0.01	0.005	0.040	0.00	0.01	50.0	23.77	378.99	0	0.00	0.00	93	44.21	693.75
13	0.750	8.06	174	0.27	0.00	0.000	0.040	0.00	0.00	31.0	15.50	394.49	0	0.00	0.00	84	42.00	735.75
14	0.797	8.04	172	0.27	0.01	0.005	0.045	0.01	0.00	28.0	14.88	409.37	0	0.00	0.00	85	45.16	780.91
15	0.691	7.68	199	0.24	0.02	0.009	0.054	0.01	0.01	49.0	22.57	431.94	0	0.00	0.00	50	23.03	803.94
16	0.648	8.15	227	0.23	0.03	0.013	0.067	0.00	0.03	48.0	20.74	452.68	0	0.00	0.00	47	20.30	824.24
17	0.694	8.40	286	0.21	0.02	0.009	0.076	0.01	0.01	49.0	22.67	475.35	0	0.00	0.00	43	19.89	844.13
18	0.720	8.30	284	0.22	0.00	0.000	0.076	0.00	0.00	43.0	20.64	495.99	0	0.00	0.00	49	23.52	867.65
19	0.744	8.14	294	0.27	0.04	0.020	0.096	0.00	0.04	42.0	20.83	516.82	0	0.00	0.00	72	35.71	903.36
20	0.746	8.25	143	0.26	0.00	0.000	0.096	0.00	0.00	39.0	19.40	536.22	0	0.00	0.00	70	34.81	938.17
21	0.751	8.21	138	0.28	0.02	0.010	0.106	0.00	0.02	39.0	19.53	555.75	0	0.00	0.00	74	37.05	975.22
22	0.748	8.20	205	0.28	0.00	0.000	0.106	0.00	0.00	44.0	21.94	577.69	0	0.00	0.00	74	36.90	1012.12
23	0.754	8.23	153	0.30	0.00	0.000	0.106	0.00	0.00	42.0	21.11	598.80	0	0.00	0.00	77	38.71	1050.83
24	0.750	8.27	179	0.28	0.00	0.000	0.106	0.00	0.00	38.0	19.00	617.80	0	0.00	0.00	73	36.50	1087.33
25	0.754	8.25	149	0.26	0.02	0.010	0.116	0.00	0.02	35.0	17.59	635.39	0	0.00	0.00	75	37.70	1125.03
26	0.747	8.25	214	0.23	0.01	0.005	0.121	0.00	0.01	34.0	16.93	652.32	0	0.00	0.00	57	28.39	1153.42
27	0.754	8.21	185	0.23	0.01	0.005	0.126	0.00	0.01	32.0	16.09	668.41	0	0.00	0.00	54	27.14	1180.56
28	0.773	8.10	182	0.21	0.02	0.010	0.136	0.00	0.02	29.0	14.94	683.35	0	0.00	0.00	46	23.71	1204.27
29	0.716	8.17	165	0.22	0.02	0.010	0.146	0.02	0.00	38.0	18.14	701.49	0	0.00	0.00	44	21.00	1225.27
30	0.754	8.17	199	0.29	0.03	0.015	0.161	0.00	0.03	35.0	17.59	719.08	0	0.00	0.00	80	40.21	1265.48
31	0.767	8.26	219	0.25	0.00	0.000	0.161	0.00	0.00	26.0	13.29	732.37	0	0.00	0.00	72	36.82	1302.30
32	0.717	8.23	190	0.26	0.02	0.010	0.171	0.01	0.01	33.0	15.77	748.14	0	0.00	0.00	67	32.03	1334.33
33	0.789	8.21	209	0.26	0.00	0.000	0.171	0.00	0.00	22.0	11.57	759.71	0	0.00	0.00	76	39.98	1374.31
34	0.720	8.21	230	0.25	0.00	0.000	0.171	0.00	0.00	30.0	14.40	774.11	0	0.00	0.00	70	33.60	1407.91
35	0.783	8.17	205	0.19	0.00	0.000	0.171	0.00	0.00	21.0	10.96	785.07	0	0.00	0.00	75	39.15	1447.06
36	0.745	8.21	208	0.19	0.00	0.000	0.171	0.00	0.00	26.0	12.91	797.98	0	0.00	0.00	69	34.27	1481.33
37	0.733	8.16	220	0.18	0.03	0.015	0.186	0.00	0.03	22.0	10.75	808.73	0	0.00	0.00	65	31.76	1513.09
38	0.742	8.19	217	0.18	0.02	0.010	0.196	0.00	0.02	20.0	9.89	818.62	0	0.00	0.00	69	34.13	1547.22
39	0.741	8.09	236	0.18	0.01	0.005	0.201	0.00	0.01	19.0	9.39	828.01	0	0.00	0.00	70	34.58	1581.80
40	0.784	8.08	249	0.18	0.01	0.005	0.206	0.00	0.01	14.0	7.32	835.33	0	0.00	0.00	69	36.06	1617.86
41	0.744	8.02	217	0.17	0.04	0.020	0.226	0.01	0.03	15.0	7.44	842.77	0	0.00	0.00	68	33.73	1651.59
42	0.760	8.13	213	0.18	0.06	0.030	0.256	0.01	0.05	15.0	7.60	850.37	0	0.00	0.00	70	35.47	1687.06
43	0.753	8.04	227	0.17	0.04	0.020	0.276	0.01	0.03	18.0	9.04	859.41	0	0.00	0.00	64	32.13	1719.19
44	0.771	8.03	173	0.15	0.04	0.021	0.297	0.01	0.03	20.0	10.28	869.69	0	0.00	0.00	64	32.90	1752.09

Test Terminated

Figure 5a.- Weekly Humidity Cell Analytical Results

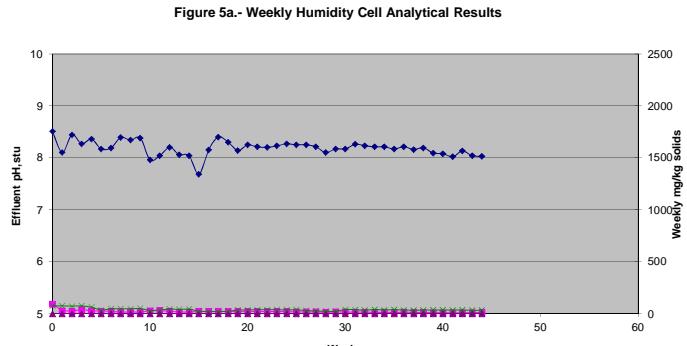
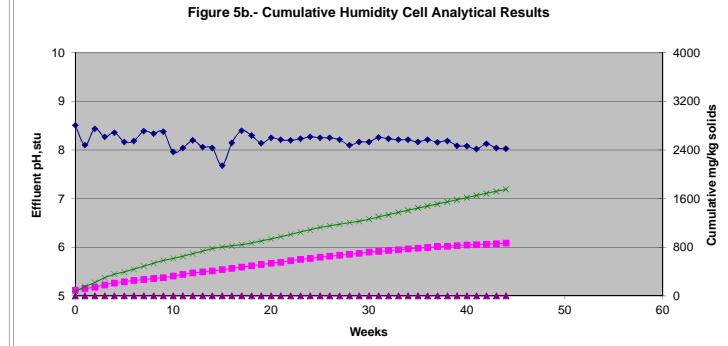


Figure 5b.- Cumulative Humidity Cell Analytical Results



New Mexico Copper Corp.
MLI Job No. 3438

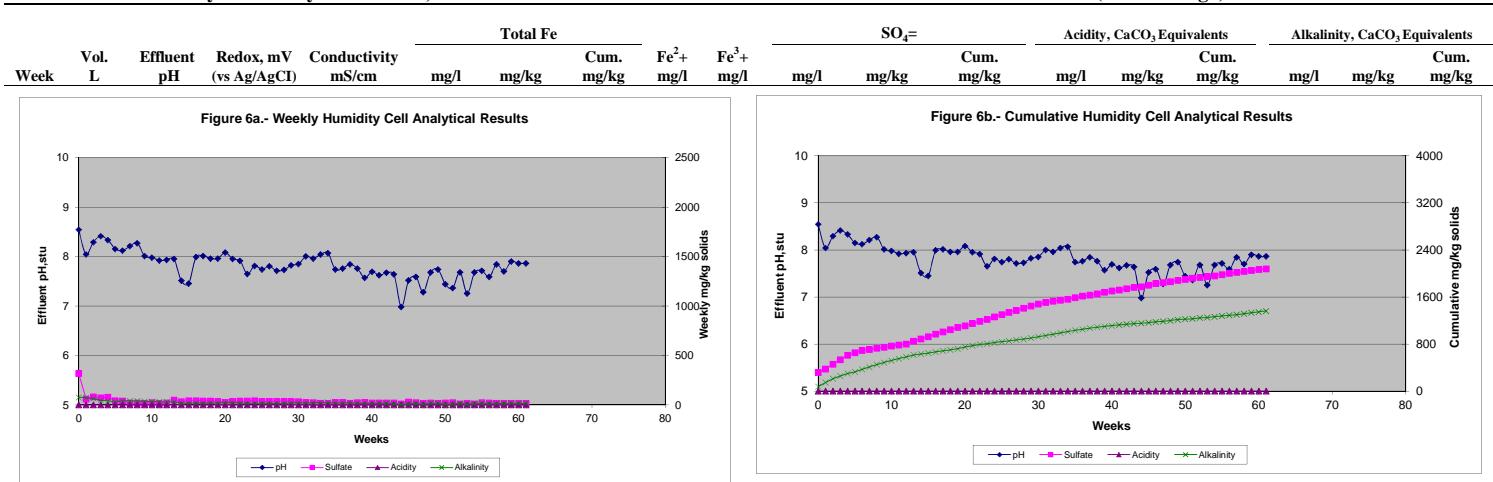
Table 6 . - Humidity Cell Analytical Results, 604 669

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.691	8.54	205	1.59	0.00	0.000	0.000	0.00	0.00	690.0	317.86	317.86	0	0.00	0.00	164	75.55	75.55
1	0.741	8.04	186	0.50	0.00	0.000	0.000	0.00	0.00	120.0	59.28	377.14	0	0.00	0.00	146	72.12	147.67
2	0.729	8.29	214	0.55	0.01	0.005	0.005	0.01	0.00	170.0	82.62	459.76	0	0.00	0.00	132	64.10	211.77
3	0.720	8.41	181	0.53	0.00	0.000	0.005	0.00	0.00	150.0	72.00	531.76	0	0.00	0.00	96	46.08	257.85
4	0.676	8.33	138	0.58	0.00	0.000	0.005	0.00	0.00	170.0	76.61	608.37	0	0.00	0.00	91	41.01	298.86
5	0.727	8.15	175	0.33	0.00	0.000	0.005	0.00	0.00	91.0	44.10	652.47	0	0.00	0.00	61	29.56	328.42
6	0.732	8.12	156	0.34	0.00	0.000	0.005	0.00	0.00	78.0	38.06	690.53	0	0.00	0.00	87	42.46	370.88
7	0.743	8.21	145	0.26	0.00	0.000	0.005	0.00	0.00	41.0	20.31	710.84	0	0.00	0.00	82	40.62	411.50
8	0.728	8.27	216	0.25	0.01	0.005	0.010	0.00	0.01	40.0	19.41	730.25	0	0.00	0.00	80	38.83	450.33
9	0.746	8.01	149	0.24	0.00	0.000	0.010	0.00	0.00	30.0	14.92	745.17	0	0.00	0.00	74	36.80	487.13
10	0.740	7.98	199	0.27	0.00	0.000	0.010	0.00	0.00	46.0	22.69	767.86	0	0.00	0.00	67	33.05	520.18
11	0.750	7.92	136	0.23	0.02	0.010	0.020	0.01	0.01	30.0	15.00	782.86	0	0.00	0.00	64	32.00	552.18
12	0.738	7.93	226	0.23	0.01	0.005	0.025	0.00	0.01	40.0	19.68	802.54	0	0.00	0.00	60	29.52	581.70
13	0.746	7.95	178	0.34	0.01	0.005	0.030	0.00	0.01	99.0	49.24	851.78	0	0.00	0.00	64	31.83	613.53
14	0.698	7.51	195	0.27	0.00	0.000	0.030	0.00	0.00	72.0	33.50	885.28	0	0.00	0.00	36	16.75	630.28
15	0.707	7.45	213	0.30	0.01	0.005	0.035	0.00	0.01	89.0	41.95	927.23	0	0.00	0.00	37	17.44	647.72
16	0.726	7.99	250	0.28	0.02	0.010	0.045	0.00	0.02	85.0	41.14	968.37	0	0.00	0.00	38	18.39	666.11
17	0.715	8.01	252	0.29	0.02	0.010	0.055	0.00	0.02	85.0	40.52	1008.89	0	0.00	0.00	37	17.64	683.75
18	0.738	7.96	303	0.27	0.01	0.005	0.060	0.00	0.01	79.0	38.87	1047.76	0	0.00	0.00	38	18.70	702.45
19	0.795	7.96	289	0.17	0.01	0.005	0.065	0.00	0.01	66.0	34.98	1082.74	0	0.00	0.00	36	19.08	721.53
20	0.757	8.08	179	0.26	0.02	0.010	0.075	0.02	0.00	53.0	26.75	1109.49	0	0.00	0.00	55	27.76	749.29
21	0.739	7.95	195	0.30	0.00	0.000	0.075	0.00	0.00	74.0	36.46	1145.95	0	0.00	0.00	46	22.66	771.95
22	0.743	7.91	226	0.29	0.01	0.005	0.080	0.00	0.01	77.0	38.14	1184.09	0	0.00	0.00	42	20.80	792.75
23	0.717	7.65	222	0.29	0.01	0.005	0.085	0.00	0.01	79.0	37.76	1221.85	0	0.00	0.00	30	14.34	807.09
24	0.760	7.81	221	0.31	0.00	0.000	0.085	0.00	0.00	86.0	43.57	1265.42	0	0.00	0.00	33	16.72	823.81
25	0.742	7.74	182	0.27	0.00	0.000	0.085	0.00	0.00	73.0	36.11	1301.53	0	0.00	0.00	35	17.31	841.12
26	0.716	7.80	229	0.27	0.02	0.010	0.095	0.01	0.01	74.0	35.32	1336.85	0	0.00	0.00	31	14.80	855.92
27	0.703	7.71	200	0.27	0.02	0.009	0.104	0.00	0.02	77.0	36.09	1372.94	0	0.00	0.00	28	13.12	869.04
28	0.718	7.73	165	0.28	0.05	0.024	0.128	0.02	0.03	77.0	36.86	1409.80	0	0.00	0.00	32	15.32	884.36
29	0.740	7.82	182	0.28	0.03	0.015	0.143	0.00	0.03	73.0	36.01	1445.81	0	0.00	0.00	37	18.25	902.61
30	0.744	7.85	234	0.34	0.03	0.015	0.158	0.00	0.03	67.0	33.23	1479.04	0	0.00	0.00	46	22.82	925.43
31	0.639	8.00	216	0.31	0.00	0.000	0.158	0.00	0.00	63.0	26.84	1505.88	0	0.00	0.00	45	19.17	944.60
32	0.706	7.96	192	0.26	0.01	0.005	0.163	0.00	0.01	52.0	24.47	1530.35	0	0.00	0.00	44	20.71	965.31
33	0.722	8.04	218	0.24	0.05	0.024	0.187	0.00	0.05	37.0	17.81	1548.16	0	0.00	0.00	50	24.07	989.38
34	0.781	8.07	243	0.21	0.00	0.000	0.187	0.00	0.00	27.0	14.06	1562.22	0	0.00	0.00	49	25.51	1014.89
35	0.729	7.74	233	0.19	0.00	0.000	0.187	0.00	0.00	54.0	26.24	1588.46	0	0.00	0.00	38	18.47	1033.36
36	0.706	7.76	236	0.20	0.04	0.019	0.206	0.00	0.04	58.0	27.30	1615.76	0	0.00	0.00	37	17.41	1050.77
37	0.778	7.84	249	0.17	0.03	0.016	0.222	0.00	0.03	31.0	16.08	1631.84	0	0.00	0.00	43	22.30	1073.07
38	0.732	7.76	245	0.18	0.02	0.010	0.232	0.00	0.02	50.0	24.40	1656.24	0	0.00	0.00	32	15.62	1088.69
39	0.728	7.57	260	0.17	0.06	0.029	0.261	0.00	0.06	51.0	24.75	1680.99	0	0.00	0.00	26	12.62	1101.31
40	0.720	7.69	205	0.17	0.04	0.019	0.280	0.00	0.04	44.0	21.12	1702.11	0	0.00	0.00	24	11.52	1112.83
41	0.724	7.62	237	0.17	0.02	0.010	0.290	0.01	0.01	39.0	18.82	1720.93	0	0.00	0.00	26	12.55	1125.38
42	0.733	7.67	235	0.17	0.03	0.015	0.305	0.01	0.02	38.0	18.57	1739.50	0	0.00	0.00	26	12.71	1138.09
43	0.699	7.64	238	0.17	0.04	0.019	0.324	0.01	0.03	46.0	21.44	1760.94	0	0.00	0.00	24	11.18	1149.27
44	0.607	6.98	204	0.12	0.03	0.012	0.336	0.02	0.01	29.0	11.74	1772.68	0	0.00	0.00	7	2.83	1152.10
45	0.740	7.52	264	0.19	0.05	0.025	0.361	0.01	0.04	60.0	29.60	1802.28	0	0.00	0.00	23	11.35	1163.45
46	0.740	7.59	208	0.18	0.03	0.015	0.376	0.00	0.03	48.0	23.68	1825.96	0	0.00	0.00	28	13.81	1177.26
47	0.689	7.28	259	0.15	0.08	0.037	0.413	0.01	0.07	38.0	17.45	1843.41	0	0.00	0.00	15	6.89	1184.15
48	0.743	7.68	248	0.15	0.05	0.025	0.438	0.02	0.03	38.0	18.82	1862.23	0	0.00	0.00	31	15.36	1199.51
49	0.761	7.74	144	0.16	0.04	0.020	0.458	0.02	0.02	35.0	17.76	1879.99	0	0.00	0.00	31	15.73	1215.24
50	0.728	7.44	287	0.13	0.05	0.024	0.482	0.01	0.04	40.0	19.41	1899.40	0	0.00	0.00	14	6.79	1222.03
51	0.683	7.36	247	0.17	0.02	0.009	0.491	0.02	0.00	48.0	21.86	1921.26	0	0.00	0.00	18	8.20	1230.23
52	0.786	7.68	251	0.15	0.08	0.042	0.533	0.00	0.08	19.0	9.96	1931.22	0	0.00	0.00	28	14.67	1244.90
53	0.700	7.25	212	0.16	0.04	0.019	0.552	0.01	0.03	39.0	18.20	1949.42	0	0.00	0.00	13	6.07	1250.97
54	0.755	7.68	268	0.18	0.04	0.020	0.572	0.02	0.02	23.0	11.58	1961.00	0	0.00	0.00	28	14.09	1265.06
55	0.739	7.71	283	0.15	0.06	0.030	0.602	0.01	0.05	44.0	21.68	1982.68	0	0.00	0.00	25	12.32	1277.38
56	0.733	7.59	286	0.14	0.08	0.039	0.641	0.01	0.07	43.0	21.01	2003.69	0	0.00	0.00	22	10.75	1288.13
57	0.734	7.84	175	0.16	0.11	0.054	0.695	0.01	0.10	32.0	15.66	2019.35	0	0.00	0.00	28	13.70	1301.83
58	0.735																	

Table 6 . - Humidity Cell Analytical Results, 604 669

(1,5000 Kg)



New Mexico Copper Corp.
MLI Job No. 3438

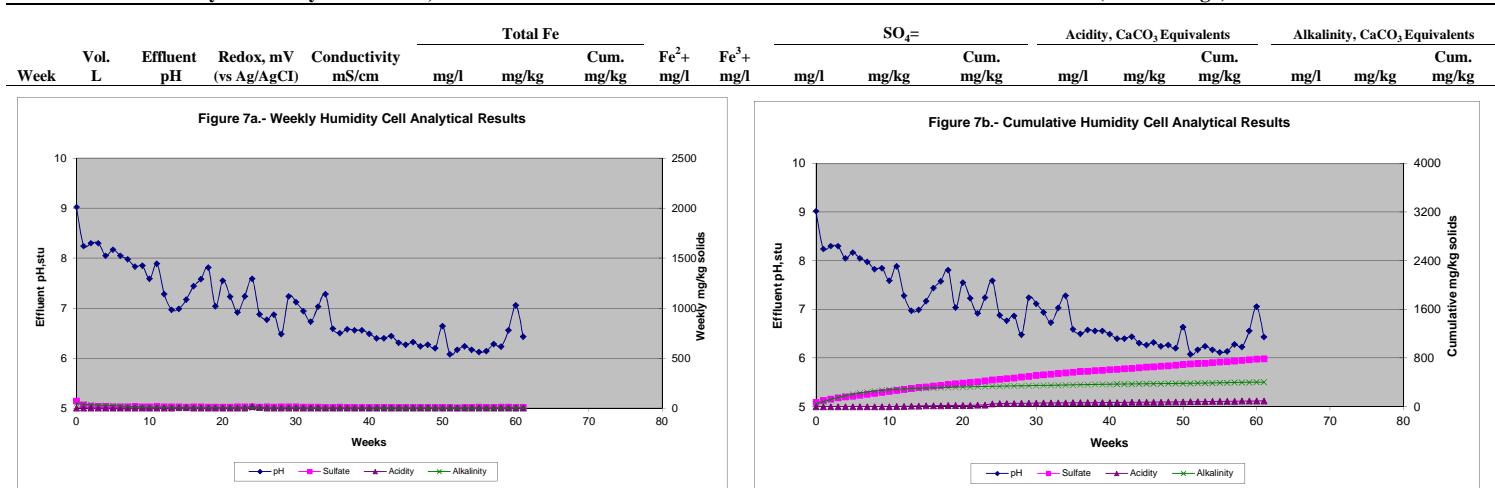
Table 7 . - Humidity Cell Analytical Results, 604 673

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	mg/l	
0	0.756	9.02	248	0.54	0.03	0.015	0.015	0.00	0.03	140.0	70.56	70.56	0	0.00	0.00	90	45.36	45.36
1	0.740	8.24	171	0.30	0.00	0.000	0.015	0.00	0.00	66.0	32.56	103.12	0	0.00	0.00	78	38.48	83.84
2	0.769	8.30	201	0.23	0.02	0.010	0.025	0.00	0.02	42.0	21.53	124.65	0	0.00	0.00	72	36.86	120.70
3	0.732	8.30	131	0.23	0.00	0.000	0.025	0.00	0.00	39.0	19.03	143.68	0	0.00	0.00	58	28.30	149.00
4	0.739	8.05	143	0.21	0.00	0.000	0.025	0.00	0.00	35.0	17.24	160.92	0	0.00	0.00	58	28.57	177.57
5	0.754	8.17	169	0.19	0.00	0.000	0.025	0.00	0.00	26.0	13.07	173.99	0	0.00	0.00	50	25.13	202.70
6	0.768	8.05	105	0.18	0.00	0.000	0.025	0.00	0.00	27.0	13.82	187.81	0	0.00	0.00	42	21.50	224.20
7	0.746	7.98	143	0.18	0.00	0.000	0.025	0.00	0.00	31.0	15.42	203.23	0	0.00	0.00	36	17.90	242.10
8	0.735	7.83	243	0.18	0.00	0.000	0.025	0.00	0.00	33.0	16.17	219.40	0	0.00	0.00	32	15.68	257.78
9	0.772	7.85	146	0.17	0.00	0.000	0.025	0.00	0.00	30.0	15.44	234.84	0	0.00	0.00	24	12.35	270.13
10	0.738	7.59	200	0.17	0.00	0.000	0.025	0.00	0.00	32.0	15.74	250.58	1	0.49	0.49	16	7.87	278.00
11	0.772	7.89	135	0.18	0.00	0.000	0.025	0.00	0.00	37.0	19.04	269.62	5	2.57	3.07	17	8.75	286.75
12	0.742	7.28	243	0.17	0.00	0.000	0.025	0.00	0.00	32.0	15.83	285.45	3	1.48	4.55	11	5.44	292.19
13	0.732	6.97	161	0.16	0.00	0.000	0.025	0.00	0.00	30.0	14.64	300.09	5	2.44	6.99	9	4.39	296.58
14	0.727	6.99	212	0.16	0.02	0.010	0.035	0.00	0.02	28.0	13.57	313.66	8	3.88	10.87	9	4.36	300.94
15	0.754	7.17	256	0.16	0.00	0.000	0.035	0.00	0.00	25.0	12.57	326.23	7	3.52	14.39	9	4.52	305.46
16	0.740	7.44	280	0.16	0.00	0.000	0.035	0.00	0.00	26.0	12.83	339.06	1	0.49	14.88	8	3.95	309.41
17	0.744	7.58	295	0.16	0.01	0.005	0.040	0.00	0.01	27.0	13.39	352.45	2	0.99	15.87	7	3.47	312.88
18	0.736	7.81	309	0.15	0.00	0.000	0.040	0.00	0.00	25.0	12.27	364.72	3	1.47	17.34	7	3.43	316.31
19	0.742	7.04	294	0.15	0.02	0.010	0.050	0.01	0.01	23.0	11.38	376.10	4	1.98	19.32	7	3.46	319.77
20	0.751	7.55	222	0.15	0.00	0.000	0.050	0.00	0.00	20.0	10.01	386.11	2	1.00	20.32	7	3.50	323.27
21	0.774	7.23	229	0.15	0.01	0.005	0.055	0.01	0.00	21.0	10.84	396.95	3	1.55	21.87	7	3.61	326.88
22	0.761	6.92	241	0.16	0.01	0.005	0.060	0.00	0.01	29.0	14.71	411.66	6	3.04	24.91	5	2.54	329.42
23	0.726	7.24	219	0.17	0.00	0.000	0.060	0.00	0.00	31.0	15.00	426.66	5	2.42	27.33	5	2.42	331.84
24	0.726	7.59	243	0.16	0.02	0.010	0.070	0.01	0.01	27.0	13.07	439.73	35	16.94	44.27	5	2.42	334.26
25	0.775	6.88	188	0.15	0.01	0.005	0.075	0.00	0.01	19.0	9.82	449.55	13	6.72	50.99	5	2.58	336.84
26	0.716	6.77	267	0.16	0.01	0.005	0.080	0.00	0.01	28.0	13.37	462.92	4	1.91	52.90	4	1.91	338.75
27	0.797	6.87	236	0.15	0.00	0.000	0.080	0.00	0.00	20.0	10.63	473.55	2	1.06	53.96	5	2.66	341.41
28	0.711	6.48	261	0.16	0.02	0.009	0.089	0.00	0.02	30.0	14.22	487.77	2	0.95	54.91	4	1.90	343.31
29	0.761	7.24	197	0.16	0.02	0.010	0.099	0.00	0.02	26.0	13.19	500.96	4	2.03	56.94	5	2.54	345.85
30	0.765	7.12	240	0.16	0.03	0.015	0.114	0.01	0.02	26.0	13.26	514.22	2	1.02	57.96	5	2.55	348.40
31	0.738	6.94	223	0.16	0.01	0.005	0.119	0.00	0.01	24.0	11.81	526.03	4	1.97	59.93	4	1.97	350.37
32	0.733	6.73	245	0.16	0.00	0.000	0.119	0.00	0.00	22.0	10.75	536.78	3	1.47	61.39	4	1.95	352.32
33	0.690	7.03	232	0.16	0.00	0.000	0.119	0.00	0.00	22.0	10.12	546.90	1	0.46	61.85	4	1.84	354.16
34	0.757	7.28	243	0.15	0.00	0.000	0.119	0.00	0.00	18.0	9.08	555.98	3	1.51	63.37	5	2.52	356.68
35	0.769	6.59	287	0.13	0.02	0.010	0.129	0.00	0.02	18.0	9.23	565.21	3	1.54	64.91	5	2.56	359.24
36	0.740	6.50	279	0.14	0.03	0.015	0.144	0.00	0.03	21.0	10.36	575.57	2	0.99	65.89	4	1.97	361.21
37	0.716	6.58	297	0.13	0.03	0.014	0.158	0.00	0.03	17.0	8.11	583.68	2	0.96	66.85	4	1.91	363.12
38	0.766	6.56	303	0.13	0.01	0.005	0.163	0.00	0.01	16.0	8.17	591.85	0	0.00	66.85	4	2.04	365.16
39	0.751	6.56	310	0.13	0.06	0.030	0.193	0.00	0.06	18.0	9.01	600.86	2	1.00	67.85	4	2.00	367.16
40	0.768	6.49	275	0.13	0.02	0.010	0.203	0.01	0.01	16.0	8.19	609.05	2	1.02	68.87	4	2.05	369.21
41	0.777	6.40	301	0.13	0.02	0.010	0.213	0.01	0.01	14.0	7.25	616.30	1	0.52	69.39	4	2.07	371.28
42	0.725	6.40	308	0.13	0.05	0.024	0.237	0.02	0.03	15.0	7.25	623.55	0	0.00	69.39	3	1.45	372.73
43	0.700	6.44	301	0.13	0.02	0.009	0.246	0.02	0.00	18.0	8.40	631.95	3	1.40	70.79	3	1.40	374.13
44	0.798	6.31	257	0.11	0.04	0.021	0.267	0.01	0.03	17.0	9.04	640.99	0	0.00	70.79	3	1.60	375.73
45	0.730	6.27	319	0.05	0.04	0.019	0.286	0.01	0.03	17.0	8.27	649.26	2	0.97	71.76	3	1.46	377.19
46	0.757	6.32	267	0.05	0.04	0.020	0.306	0.01	0.03	18.0	9.08	658.34	2	1.01	72.77	3	1.51	378.70
47	0.719	6.24	313	0.06	0.02	0.010	0.316	0.01	0.01	17.0	8.15	666.49	3	1.44	74.21	3	1.44	380.14
48	0.760	6.27	306	0.05	0.07	0.035	0.351	0.02	0.05	17.0	8.61	675.10	4	2.03	76.24	3	1.52	381.66
49	0.707	6.20	267	0.06	0.05	0.024	0.375	0.01	0.04	20.0	9.43	684.53	3	1.41	77.65	3	1.41	383.07
50	0.758	6.64	306	0.05	0.05	0.025	0.400	0.01	0.04	18.0	9.10	693.63	4	2.02	79.67	3	1.52	384.59
51	0.733	6.08	303	0.06	0.06	0.029	0.429	0.02	0.04	18.0	8.80	702.43	2	0.98	80.65	2	0.98	385.57
52	0.775	6.17	321	0.06	0.04	0.021	0.450	0.01	0.03	12.0	6.20	708.63	5	2.58	83.23	3	1.55	387.12
53	0.734	6.24	291	0.07	0.05	0.024	0.474	0.01	0.04	17.0	8.32	716.95	4	1.96	85.19	3	1.47	388.59
54	0.758	6.17	342	0.07	0.10	0.051	0.525	0.02	0.08	13.0	6.57	723.52	3	1.52	86.71	4	2.02	390.61
55	0.704	6.12	356	0.06	0.08	0.038	0.563	0.01	0.07	21.0	9.86	733.38	2	0.94	87.65	4	1.88	392.49
56	0.751	6.14	360	0.06	0.12	0.060	0.623	0.01	0.11	19.0	9.51	742.89	1	0.50	88.15	4	2.00	394.49
57	0.748	6.28	315	0.06	0.09	0.045	0.668	0.02	0.07	16.0	7.98	750.87	4	2.00	90.14	4	1.99	396.48
58	0.757	6.23	350	0.06	0.12	0.061	0.729	0.01	0.11	23.0	11.61	762.48	3	1.51	91.66	4	2.02</td	

Table 7 . - Humidity Cell Analytical Results, 604 673

(1,5000 Kg)



New Mexico Copper Corp.
MLI Job No. 3438

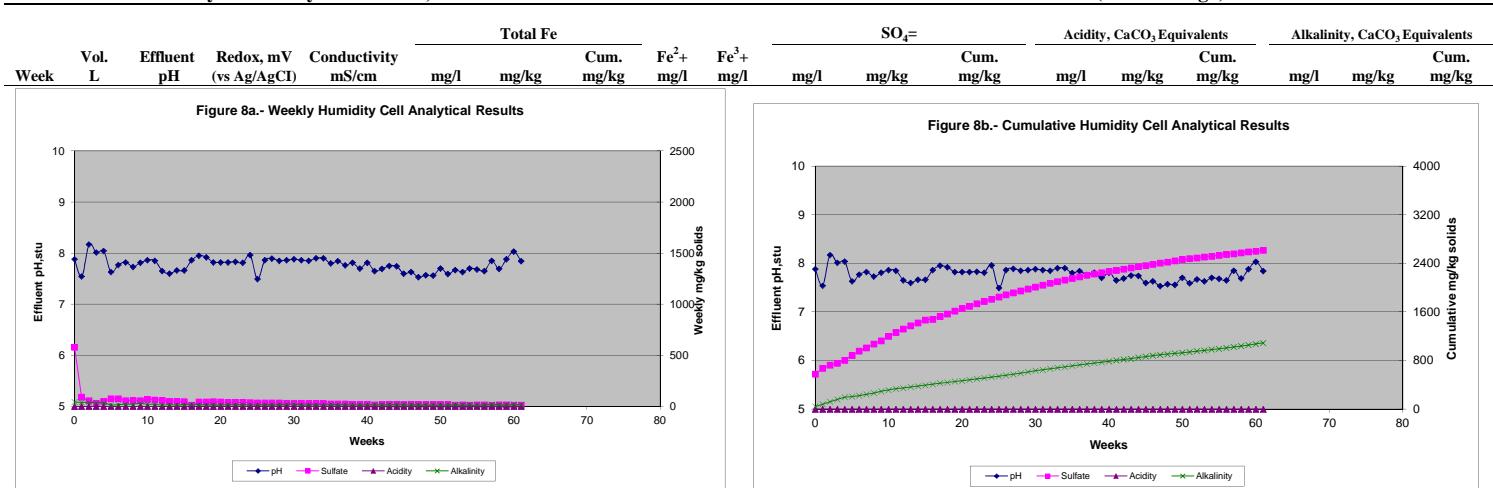
Table 8 . - Humidity Cell Analytical Results, 604 767

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg		
0	0.790	7.88	208	2.07	0.00	0.000	0.000	0.00	0.00	1100.0	579.33	579.33	0	0.00	0.00	84	44.24	44.24
1	0.756	7.54	194	0.50	0.01	0.005	0.005	0.00	0.01	180.0	90.72	670.05	0	0.00	0.00	78	39.31	83.55
2	0.746	8.17	216	0.34	0.02	0.010	0.015	0.00	0.02	110.0	54.71	724.76	0	0.00	0.00	80	39.79	123.34
3	0.771	8.01	170	0.29	0.03	0.015	0.030	0.01	0.02	62.0	31.87	756.63	0	0.00	0.00	73	37.52	160.86
4	0.778	8.04	177	0.34	0.00	0.000	0.030	0.00	0.00	95.0	49.27	805.90	0	0.00	0.00	70	36.31	197.17
5	0.750	7.63	201	0.36	0.00	0.000	0.030	0.00	0.00	150.0	75.00	880.90	0	0.00	0.00	22	11.00	208.17
6	0.743	7.77	177	0.38	0.00	0.000	0.030	0.00	0.00	150.0	74.30	955.20	0	0.00	0.00	34	16.84	225.01
7	0.761	7.82	152	0.33	0.00	0.000	0.030	0.00	0.00	110.0	55.81	1011.01	0	0.00	0.00	43	21.82	246.83
8	0.750	7.73	251	0.34	0.03	0.015	0.045	0.00	0.03	120.0	60.00	1071.01	0	0.00	0.00	39	19.50	266.33
9	0.762	7.81	162	0.36	0.00	0.000	0.045	0.00	0.00	110.0	55.88	1126.89	0	0.00	0.00	58	29.46	295.79
10	0.747	7.86	196	0.41	0.00	0.000	0.045	0.00	0.00	140.0	69.72	1196.61	0	0.00	0.00	41	20.42	316.21
11	0.795	7.85	144	0.36	0.03	0.016	0.061	0.00	0.03	120.0	63.60	1260.21	0	0.00	0.00	40	21.20	337.41
12	0.700	7.65	260	0.36	0.01	0.005	0.066	0.00	0.01	130.0	60.67	1320.88	0	0.00	0.00	23	10.73	348.14
13	0.788	7.60	211	0.30	0.01	0.005	0.071	0.00	0.01	98.0	51.48	1372.36	0	0.00	0.00	35	18.39	366.53
14	0.745	7.66	175	0.31	0.00	0.000	0.071	0.00	0.00	100.0	49.67	1422.03	0	0.00	0.00	26	12.91	379.44
15	0.761	7.66	215	0.30	0.02	0.010	0.081	0.00	0.02	92.0	46.67	1468.70	0	0.00	0.00	32	16.23	395.67
16	0.730	7.86	285	0.29	0.00	0.000	0.081	0.00	0.00	24.0	11.68	1480.38	0	0.00	0.00	32	15.57	411.24
17	0.791	7.95	329	0.28	0.01	0.005	0.086	0.00	0.01	82.0	43.24	1523.62	0	0.00	0.00	32	16.87	428.11
18	0.737	7.92	324	0.26	0.01	0.005	0.091	0.00	0.01	87.0	42.75	1566.37	0	0.00	0.00	25	12.28	440.39
19	0.753	7.82	320	0.29	0.02	0.010	0.101	0.01	0.01	91.0	45.68	1612.05	0	0.00	0.00	28	14.06	454.45
20	0.728	7.82	238	0.29	0.00	0.000	0.101	0.00	0.00	87.0	42.22	1654.27	0	0.00	0.00	26	12.62	467.07
21	0.768	7.82	252	0.29	0.00	0.000	0.101	0.00	0.00	79.0	40.45	1694.72	0	0.00	0.00	34	17.41	484.48
22	0.753	7.83	252	0.28	0.01	0.005	0.106	0.00	0.01	78.0	39.16	1733.88	0	0.00	0.00	29	14.56	499.04
23	0.752	7.81	244	0.31	0.01	0.005	0.111	0.00	0.01	79.0	39.61	1773.49	0	0.00	0.00	33	16.54	515.58
24	0.762	7.96	224	0.26	0.00	0.000	0.111	0.00	0.00	72.0	36.58	1810.07	0	0.00	0.00	26	13.21	528.79
25	0.752	7.49	212	0.26	0.00	0.000	0.111	0.00	0.00	70.0	35.09	1845.16	0	0.00	0.00	28	14.04	542.83
26	0.737	7.86	233	0.26	0.00	0.000	0.111	0.00	0.00	72.0	35.38	1880.54	0	0.00	0.00	28	13.76	556.59
27	0.767	7.89	210	0.27	0.03	0.015	0.126	0.00	0.03	65.0	33.24	1913.78	0	0.00	0.00	36	18.41	575.00
28	0.748	7.85	214	0.27	0.01	0.005	0.131	0.00	0.01	68.0	33.91	1947.69	0	0.00	0.00	35	17.45	592.45
29	0.748	7.86	204	0.28	0.02	0.010	0.141	0.00	0.02	65.0	32.41	1980.10	0	0.00	0.00	41	20.45	612.90
30	0.779	7.88	233	0.28	0.03	0.016	0.157	0.00	0.03	59.0	30.64	2010.74	0	0.00	0.00	44	22.85	635.75
31	0.739	7.86	259	0.26	0.01	0.005	0.162	0.00	0.01	64.0	31.53	2042.27	0	0.00	0.00	26	12.81	648.56
32	0.735	7.85	248	0.26	0.02	0.010	0.172	0.00	0.02	59.0	28.91	2071.18	0	0.00	0.00	33	16.17	664.73
33	0.788	7.90	217	0.25	0.00	0.000	0.172	0.00	0.00	54.0	28.37	2099.55	0	0.00	0.00	32	16.81	681.54
34	0.729	7.90	254	0.24	0.00	0.000	0.172	0.00	0.00	56.0	27.22	2126.77	0	0.00	0.00	30	14.58	696.12
35	0.754	7.80	244	0.19	0.02	0.010	0.182	0.00	0.02	52.0	26.14	2152.91	0	0.00	0.00	35	17.59	713.71
36	0.763	7.84	242	0.19	0.01	0.005	0.187	0.00	0.01	50.0	25.43	2178.34	0	0.00	0.00	33	16.79	730.50
37	0.746	7.76	265	0.18	0.01	0.005	0.192	0.01	0.00	48.0	23.87	2202.21	0	0.00	0.00	29	14.42	744.92
38	0.768	7.81	256	0.18	0.00	0.000	0.192	0.00	0.00	45.0	23.04	2225.25	0	0.00	0.00	31	15.87	760.79
39	0.739	7.70	247	0.18	0.06	0.030	0.222	0.00	0.06	46.0	22.66	2247.91	0	0.00	0.00	27	13.30	774.09
40	0.748	7.81	217	0.17	0.00	0.000	0.222	0.00	0.00	41.0	20.45	2268.36	0	0.00	0.00	29	14.46	788.55
41	0.774	7.65	246	0.16	0.02	0.010	0.232	0.02	0.00	31.0	16.00	2284.36	0	0.00	0.00	31	16.00	804.55
42	0.749	7.69	251	0.17	0.02	0.010	0.242	0.02	0.00	36.0	17.98	2302.34	0	0.00	0.00	27	13.48	818.03
43	0.727	7.75	248	0.17	0.05	0.024	0.266	0.01	0.04	42.0	20.36	2322.70	0	0.00	0.00	29	14.06	832.09
44	0.803	7.74	189	0.15	0.05	0.027	0.293	0.01	0.04	41.0	21.95	2344.65	0	0.00	0.00	34	18.20	850.29
45	0.732	7.60	262	0.17	0.07	0.034	0.327	0.01	0.06	40.0	19.52	2364.17	0	0.00	0.00	31	15.13	865.42
46	0.776	7.63	210	0.17	0.01	0.005	0.332	0.01	0.00	41.0	21.21	2385.38	0	0.00	0.00	31	16.04	881.46
47	0.737	7.53	239	0.18	0.03	0.015	0.347	0.00	0.03	36.0	17.69	2403.07	0	0.00	0.00	27	13.27	894.73
48	0.750	7.57	228	0.15	0.04	0.020	0.367	0.01	0.03	38.0	19.00	2422.07	0	0.00	0.00	23	11.50	906.23
49	0.723	7.56	188	0.17	0.06	0.029	0.396	0.01	0.05	41.0	19.76	2441.83	0	0.00	0.00	23	11.09	917.32
50	0.758	7.70	223	0.16	0.06	0.030	0.426	0.01	0.05	36.0	18.19	2460.02	0	0.00	0.00	24	12.13	929.45
51	0.712	7.59	223	0.16	0.02	0.009	0.435	0.01	0.01	37.0	17.56	2477.58	0	0.00	0.00	23	10.92	940.37
52	0.791	7.67	236	0.17	0.04	0.021	0.456	0.01	0.03	22.0	11.60	2489.18	0	0.00	0.00	29	15.29	955.66
53	0.725	7.63	195	0.17	0.07	0.034	0.490	0.01	0.06	35.0	16.92	2506.10	0	0.00	0.00	23	11.12	966.78
54	0.761	7.70	246	0.19	0.04	0.020	0.510	0.01	0.03	22.0	11.16	2517.26	0	0.00	0.00	28	14.21	980.99
55	0.737	7.68	254	0.14	0.07	0.034	0.544	0.01	0.06	31.0	15.23	2532.49	0	0.00	0.00	26	12.77	993.76
56	0.721	7.65	264	0.14	0.06	0.029	0.573	0.01	0.05	31.0	14.90	2547.39	0	0.00	0.00	28	13.46	1007.22
57	0.787	7.85	241	0.16	0.07	0.037	0.610	0.02	0.05	20.0	10.49	2557.88	0	0.00	0.00	37	19.41	1026.63
58	0.741	7.69	277	0														

Table 8 . - Humidity Cell Analytical Results, 604 767

(1,5000 Kg)



New Mexico Copper Corp.
MLI Job No. 3438

Table 9 . - Humidity Cell Analytical Results, 604 787

(1.5000 Kg)

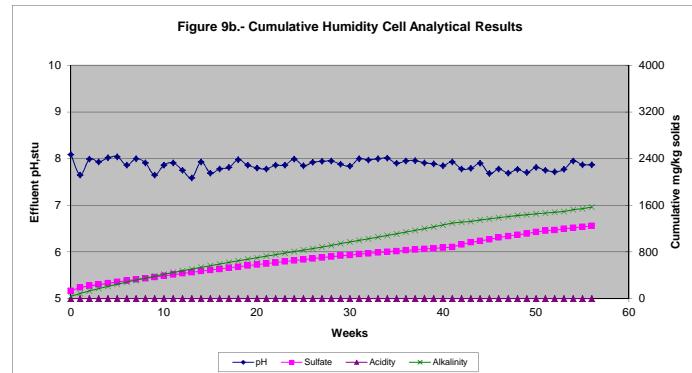
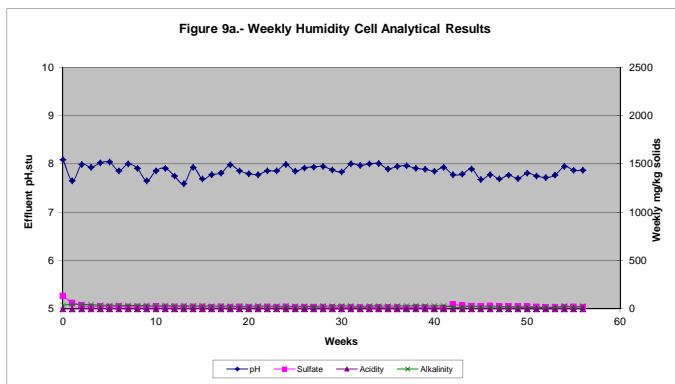
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	
0	0.710	8.09	199	0.73	0.02	0.009	0.009	0.00	0.02	280.0	132.53	132.53	0	0.00	0.00	80	37.87	37.87
1	0.741	7.65	209	0.45	0.02	0.010	0.019	0.01	0.01	120.0	59.28	191.81	0	0.00	0.00	100	49.40	87.27
2	0.745	7.99	214	0.29	0.02	0.010	0.029	0.00	0.02	64.0	31.79	223.60	0	0.00	0.00	94	46.54	133.81
3	0.743	7.93	176	0.26	0.00	0.000	0.029	0.00	0.00	43.0	21.30	244.90	0	0.00	0.00	85	42.10	175.91
4	0.724	8.02	102	0.25	0.02	0.010	0.039	0.00	0.02	45.0	21.72	266.62	0	0.00	0.00	76	36.68	212.59
5	0.755	8.04	193	0.24	0.00	0.000	0.039	0.00	0.00	41.0	20.64	287.26	0	0.00	0.00	69	34.73	247.32
6	0.747	7.86	161	0.25	0.00	0.000	0.039	0.00	0.00	45.0	22.41	309.67	0	0.00	0.00	73	36.35	283.67
7	0.730	8.00	136	0.24	0.00	0.000	0.039	0.00	0.00	42.0	20.44	330.11	0	0.00	0.00	69	33.58	317.25
8	0.745	7.91	235	0.23	0.00	0.000	0.039	0.00	0.00	40.0	19.87	349.98	0	0.00	0.00	70	34.77	352.02
9	0.754	7.65	157	0.24	0.00	0.000	0.039	0.00	0.00	41.0	20.61	370.59	0	0.00	0.00	68	34.18	386.20
10	0.727	7.86	192	0.26	0.00	0.000	0.039	0.00	0.00	46.0	22.29	392.88	0	0.00	0.00	63	30.53	416.73
11	0.762	7.91	143	0.25	0.02	0.010	0.049	0.01	0.01	39.0	19.81	412.69	0	0.00	0.00	65	33.02	449.75
12	0.734	7.75	248	0.24	0.00	0.000	0.049	0.00	0.00	43.0	21.04	433.73	0	0.00	0.00	59	28.87	478.62
13	0.747	7.59	231	0.23	0.02	0.010	0.059	0.01	0.01	40.0	19.92	453.65	0	0.00	0.00	59	29.38	508.00
14	0.752	7.93	180	0.24	0.03	0.015	0.074	0.00	0.03	37.0	18.55	472.20	0	0.00	0.00	61	30.58	538.58
15	0.740	7.69	260	0.23	0.01	0.005	0.079	0.01	0.00	38.0	18.75	490.95	0	0.00	0.00	58	28.61	567.19
16	0.721	7.78	292	0.22	0.02	0.010	0.089	0.01	0.01	36.0	17.30	508.25	0	0.00	0.00	56	26.92	594.11
17	0.758	7.81	333	0.23	0.00	0.000	0.089	0.00	0.00	37.0	18.70	526.95	0	0.00	0.00	58	29.31	623.42
18	0.744	7.98	326	0.21	0.00	0.000	0.089	0.00	0.00	37.0	18.35	545.30	0	0.00	0.00	51	25.30	648.72
19	0.757	7.86	317	0.23	0.04	0.020	0.109	0.01	0.03	39.0	19.68	564.98	0	0.00	0.00	53	26.75	675.47
20	0.716	7.80	230	0.23	0.02	0.010	0.119	0.00	0.02	37.0	17.66	582.64	0	0.00	0.00	54	25.78	701.25
21	0.761	7.78	241	0.24	0.00	0.000	0.119	0.00	0.00	35.0	17.76	600.40	0	0.00	0.00	57	28.92	730.17
22	0.715	7.86	223	0.23	0.02	0.010	0.129	0.00	0.02	39.0	18.59	618.99	0	0.00	0.00	53	25.26	755.43
23	0.774	7.86	218	0.24	0.01	0.005	0.134	0.00	0.01	33.0	17.03	636.02	0	0.00	0.00	53	27.35	782.78
24	0.736	7.99	207	0.24	0.02	0.010	0.144	0.00	0.02	38.0	18.65	654.67	0	0.00	0.00	52	25.51	808.29
25	0.737	7.85	130	0.22	0.02	0.010	0.154	0.01	0.01	33.0	16.21	670.88	0	0.00	0.00	53	26.04	834.33
26	0.747	7.92	236	0.22	0.02	0.010	0.164	0.01	0.01	32.0	15.94	686.82	0	0.00	0.00	52	25.90	860.23
27	0.702	7.94	202	0.22	0.01	0.005	0.169	0.00	0.01	34.0	15.91	702.73	0	0.00	0.00	52	24.34	884.57
28	0.787	7.95	172	0.24	0.01	0.005	0.174	0.00	0.01	33.0	17.31	720.04	0	0.00	0.00	57	29.91	914.48
29	0.742	7.88	181	0.23	0.05	0.025	0.199	0.04	0.01	30.0	14.84	734.88	0	0.00	0.00	57	28.20	942.68
30	0.730	7.84	233	0.25	0.03	0.015	0.214	0.00	0.03	31.0	15.09	749.97	0	0.00	0.00	61	29.69	972.37
31	0.745	8.00	183	0.24	0.03	0.015	0.229	0.00	0.03	31.0	15.40	765.37	0	0.00	0.00	59	29.30	1001.67
32	0.733	7.97	200	0.21	0.00	0.000	0.229	0.00	0.00	25.0	12.22	777.59	0	0.00	0.00	48	23.46	1025.13
33	0.750	8.00	181	0.23	0.00	0.000	0.229	0.00	0.00	28.0	14.00	791.59	0	0.00	0.00	58	29.00	1054.13
34	0.750	8.01	200	0.22	0.00	0.000	0.229	0.00	0.00	25.0	12.50	804.09	0	0.00	0.00	58	29.00	1083.13
35	0.749	7.90	229	0.18	0.00	0.000	0.229	0.00	0.00	24.0	11.98	816.07	0	0.00	0.00	55	27.46	1110.59
36	0.745	7.95	228	0.18	0.01	0.005	0.234	0.00	0.01	25.0	12.42	828.49	0	0.00	0.00	62	30.79	1141.38
37	0.762	7.96	226	0.17	0.02	0.010	0.244	0.00	0.02	21.0	10.67	839.16	0	0.00	0.00	58	29.46	1170.84
38	0.734	7.91	244	0.19	0.00	0.000	0.244	0.00	0.00	25.0	12.23	851.39	0	0.00	0.00	65	31.81	1202.65
39	0.756	7.89	234	0.18	0.03	0.015	0.259	0.02	0.01	24.0	12.10	863.49	0	0.00	0.00	59	29.74	1232.39
40	0.719	7.85	268	0.18	0.02	0.010	0.269	0.01	0.01	24.0	11.50	874.99	0	0.00	0.00	61	29.24	1261.63
41	0.867	7.93	225	0.17	0.04	0.023	0.292	0.01	0.03	17.0	9.83	884.82	0	0.00	0.00	56	32.37	1294.00
42	0.736	7.78	234	0.26	0.07	0.034	0.326	0.01	0.06	94.0	46.12	930.94	0	0.00	0.00	33	16.19	1310.19
43	0.618	7.79	222	0.19	0.05	0.021	0.347	0.01	0.04	83.0	34.20	965.14	0	0.00	0.00	31	12.77	1322.96
44	0.840	7.90	192	0.17	0.05	0.028	0.375	0.01	0.04	45.0	25.20	990.34	0	0.00	0.00	52	29.12	1352.08
45	0.719	7.68	235	0.21	0.02	0.010	0.385	0.01	0.01	59.0	28.28	1018.62	0	0.00	0.00	34	16.30	1368.38
46	0.736	7.78	193	0.22	0.03	0.015	0.400	0.00	0.03	60.0	29.44	1048.06	0	0.00	0.00	40	19.63	1388.01
47	0.728	7.69	215	0.23	0.02	0.010	0.410	0.01	0.01	48.0	23.30	1071.36	0	0.00	0.00	39	18.93	1406.94
48	0.770	7.77	195	0.19	0.04	0.021	0.431	0.01	0.03	46.0	23.61	1094.97	0	0.00	0.00	36	18.48	1425.42
49	0.684	7.70	171	0.19	0.03	0.014	0.445	0.01	0.02	49.0	22.34	1117.31	0	0.00	0.00	27	12.31	1437.73
50	0.734	7.81	206	0.19	0.08	0.039	0.484	0.02	0.06	51.0	24.96	1142.27	0	0.00	0.00	33	16.15	1453.88
51	0.703	7.75	203	0.19	0.02	0.009	0.493	0.02	0.00	45.0	21.09	1163.36	0	0.00	0.00	29	13.59	1467.47
52	0.749	7.72	214	0.19	0.02	0.010	0.503	0.01	0.01	28.0	13.98	1177.34	0	0.00	0.00	33	16.48	1483.95
53	0.686	7.77	179	0.19	0.07	0.032	0.535	0.01	0.06	40.0	18.29	1195.63	0	0.00	0.00	26	11.89	1495.84
54	0.797	7.95	218	0.27	0.06	0.032	0.567	0.00	0.06	30.0	15.94	1211.57	0	0.00	0.00	56	29.75	1525.59
55	0.707	7.87	224	0.18	0.06	0.028	0.595	0.01	0.05	41.0	19.32	1230.89	0	0.00	0.00	40	18.85	1544.44
56	0.724	7.87	242	0.20	0.04	0.019	0.614	0.01	0.03	37.0	17.86	1248.75	0	0.00	0.00	55	26.55	1570.99

Test Terminated

Table 9 . - Humidity Cell Analytical Results, 604 787

(1.5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents		
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	



New Mexico Copper Corp.
MLI Job No. 3438

Table 10 . - Humidity Cell Analytical Results, 604 811

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.788	8.49	209	0.93	0.02	0.011	0.011	0.00	0.02	310.0	162.85	162.85	0	0.00	0.00	174	91.41	91.41
1	0.744	8.14	197	0.35	0.00	0.000	0.011	0.00	0.00	65.0	32.24	195.09	0	0.00	0.00	130	64.48	155.89
2	0.704	8.52	204	0.31	0.01	0.005	0.016	0.00	0.01	67.0	31.45	226.54	0	0.00	0.00	110	51.63	207.52
3	0.765	8.26	203	0.30	0.01	0.005	0.021	0.00	0.01	30.0	15.30	241.84	0	0.00	0.00	126	64.26	271.78
4	0.759	8.29	124	0.33	0.00	0.000	0.021	0.00	0.00	41.0	20.75	262.59	0	0.00	0.00	124	62.74	334.52
5	0.781	8.25	187	0.33	0.00	0.000	0.021	0.00	0.00	43.0	22.39	284.98	0	0.00	0.00	120	62.48	397.00
6	0.755	8.18	110	0.28	0.00	0.000	0.021	0.00	0.00	52.0	26.17	311.15	0	0.00	0.00	86	43.29	440.29
7	0.744	8.24	131	0.29	0.00	0.000	0.021	0.00	0.00	40.0	19.84	330.99	0	0.00	0.00	99	49.10	489.39
8	0.750	8.15	226	0.30	0.00	0.000	0.021	0.00	0.00	40.0	20.00	350.99	0	0.00	0.00	107	53.50	542.89
9	0.762	8.17	143	0.30	0.00	0.000	0.021	0.00	0.00	36.0	18.29	369.28	0	0.00	0.00	107	54.36	597.25
10	0.764	8.13	184	0.32	0.00	0.000	0.021	0.00	0.00	42.0	21.39	390.67	0	0.00	0.00	102	51.95	649.20
11	0.759	8.11	137	0.30	0.04	0.020	0.041	0.00	0.04	35.0	17.71	408.38	0	0.00	0.00	101	51.11	700.31
12	0.766	8.10	217	0.28	0.00	0.000	0.041	0.00	0.00	37.0	18.89	427.27	0	0.00	0.00	89	45.45	745.76
13	0.723	7.91	185	0.27	0.01	0.005	0.046	0.00	0.01	35.0	16.87	444.14	0	0.00	0.00	91	43.86	789.62
14	0.769	8.08	202	0.28	0.00	0.000	0.046	0.00	0.00	30.0	15.38	459.52	0	0.00	0.00	91	46.65	836.27
15	0.734	7.94	232	0.28	0.00	0.000	0.046	0.00	0.00	33.0	16.15	475.67	0	0.00	0.00	90	44.04	880.31
16	0.785	8.30	266	0.26	0.02	0.010	0.056	0.01	0.01	29.0	15.18	490.85	0	0.00	0.00	90	47.10	927.41
17	0.726	8.30	305	0.27	0.02	0.010	0.066	0.01	0.01	35.0	16.94	507.79	0	0.00	0.00	82	39.69	967.10
18	0.791	8.29	304	0.25	0.01	0.005	0.071	0.00	0.01	30.0	15.82	523.61	0	0.00	0.00	79	41.66	1008.76
19	0.746	8.22	300	0.26	0.01	0.005	0.076	0.01	0.00	35.0	17.41	541.02	0	0.00	0.00	79	39.29	1048.05
20	0.738	8.19	212	0.26	0.02	0.010	0.086	0.00	0.02	34.0	16.73	557.75	0	0.00	0.00	74	36.41	1084.46
21	0.780	8.20	225	0.28	0.01	0.005	0.091	0.00	0.01	31.0	16.12	573.87	0	0.00	0.00	85	44.20	1128.66
22	0.727	8.21	203	0.28	0.01	0.005	0.096	0.00	0.01	34.0	16.48	590.35	0	0.00	0.00	86	41.68	1170.34
23	0.748	8.18	214	0.31	0.01	0.005	0.101	0.00	0.01	31.0	15.46	605.81	0	0.00	0.00	94	46.87	1217.21
24	0.790	8.26	205	0.28	0.01	0.005	0.106	0.00	0.01	25.0	13.17	618.98	0	0.00	0.00	88	46.35	1263.56
25	0.721	8.16	135	0.26	0.01	0.005	0.111	0.00	0.01	35.0	16.82	635.80	0	0.00	0.00	74	35.57	1299.13
26	0.776	8.30	235	0.27	0.01	0.005	0.116	0.00	0.01	28.0	14.49	650.29	0	0.00	0.00	85	43.97	1343.10
27	0.759	8.27	194	0.27	0.00	0.000	0.116	0.00	0.00	29.0	14.67	664.96	0	0.00	0.00	89	45.03	1388.13
28	0.729	8.21	190	0.29	0.00	0.000	0.116	0.00	0.00	30.0	14.58	679.54	0	0.00	0.00	92	44.71	1432.84
29	0.788	8.25	184	0.29	0.01	0.005	0.121	0.00	0.01	26.0	13.66	693.20	0	0.00	0.00	92	48.33	1481.17
30	0.739	8.18	221	0.28	0.02	0.010	0.131	0.00	0.02	30.0	14.78	707.98	0	0.00	0.00	80	39.41	1520.58
31	0.751	8.28	175	0.28	0.01	0.005	0.136	0.00	0.01	26.0	13.02	721.00	0	0.00	0.00	87	43.56	1564.14
32	0.733	8.28	187	0.29	0.06	0.029	0.165	0.00	0.06	24.0	11.73	732.73	0	0.00	0.00	92	44.96	1609.10
33	0.778	8.27	173	0.27	0.00	0.000	0.165	0.00	0.00	20.0	10.37	743.10	0	0.00	0.00	90	46.68	1655.78
34	0.764	8.25	189	0.26	0.00	0.000	0.165	0.00	0.00	23.0	11.71	754.81	0	0.00	0.00	80	40.75	1696.53
35	0.725	8.20	218	0.20	0.02	0.010	0.175	0.00	0.02	22.0	10.63	765.44	0	0.00	0.00	85	41.08	1737.61
36	0.754	8.22	221	0.20	0.02	0.010	0.185	0.01	0.01	20.0	10.05	775.49	0	0.00	0.00	87	43.73	1781.34
37	0.731	8.21	235	0.19	0.00	0.000	0.185	0.00	0.00	18.0	8.77	784.26	0	0.00	0.00	81	39.47	1820.81
38	0.786	8.17	226	0.19	0.01	0.005	0.190	0.00	0.01	15.0	7.86	792.12	0	0.00	0.00	85	44.54	1865.35
39	0.731	8.08	242	0.19	0.02	0.010	0.200	0.00	0.02	20.0	9.75	801.87	0	0.00	0.00	75	36.55	1901.90
40	0.766	8.20	205	0.19	0.01	0.005	0.205	0.01	0.00	15.0	7.66	809.53	0	0.00	0.00	81	41.36	1943.26
41	0.834	8.06	228	0.18	0.03	0.017	0.222	0.01	0.02	13.0	7.23	816.76	0	0.00	0.00	74	41.14	1984.40
42	0.752	8.18	224	0.19	0.04	0.020	0.242	0.01	0.03	16.0	8.02	824.78	0	0.00	0.00	69	34.59	2018.99
43	0.752	8.12	211	0.18	0.04	0.020	0.262	0.01	0.03	16.0	8.02	832.80	0	0.00	0.00	66	33.09	2052.08
44	0.777	8.06	185	0.17	0.01	0.005	0.267	0.01	0.00	19.0	9.84	842.64	0	0.00	0.00	70	36.26	2088.34

Test Terminated

Figure 10a.- Weekly Humidity Cell Analytical Results

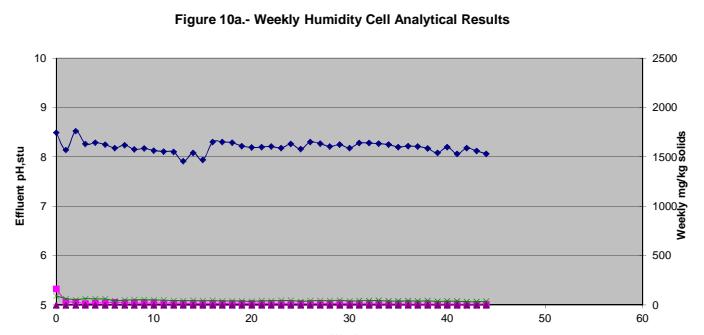


Figure 10b.- Cumulative Humidity Cell Analytical Results

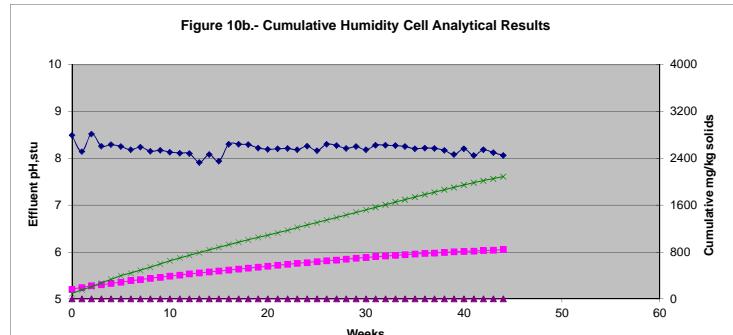


Table 11 . - Humidity Cell Analytical Results, 604 854

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.777	8.34	204	1.12	0.02	0.010	0.010	0.00	0.02	410.0	212.38	212.38	0	0.00	0.00	122	63.20	63.20
1	0.724	8.12	182	0.48	0.02	0.010	0.020	0.00	0.02	120.0	57.92	270.30	0	0.00	0.00	122	58.89	122.09
2	0.759	8.21	207	0.37	0.00	0.000	0.020	0.00	0.00	110.0	55.66	325.96	0	0.00	0.00	91	46.25	168.34
3	0.760	8.32	172	0.36	0.00	0.000	0.020	0.00	0.00	76.0	38.51	364.47	0	0.00	0.00	103	52.19	220.53
4	0.709	8.22	133	0.43	0.01	0.005	0.025	0.00	0.01	140.0	66.17	430.64	0	0.00	0.00	77	36.40	256.93
5	0.758	7.99	191	0.36	0.00	0.000	0.025	0.00	0.00	88.0	44.47	475.11	0	0.00	0.00	91	45.99	302.92
6	0.748	8.00	102	0.41	0.00	0.000	0.025	0.00	0.00	130.0	64.83	539.94	0	0.00	0.00	83	41.39	344.31
7	0.713	8.06	161	0.41	0.00	0.000	0.025	0.00	0.00	110.0	52.29	592.23	0	0.00	0.00	87	41.35	385.66
8	0.758	7.93	228	0.32	0.00	0.000	0.025	0.00	0.00	69.0	34.87	627.10	0	0.00	0.00	90	45.48	431.14
9	0.783	7.94	151	0.39	0.00	0.000	0.025	0.00	0.00	120.0	62.64	689.74	0	0.00	0.00	71	37.06	468.20
10	0.724	7.86	189	0.43	0.02	0.010	0.035	0.00	0.02	130.0	62.75	752.49	0	0.00	0.00	63	30.41	498.61
11	0.771	7.36	168	0.38	0.04	0.021	0.056	0.02	0.02	110.0	56.54	809.03	0	0.00	0.00	50	25.70	524.31
12	0.733	7.67	207	0.35	0.01	0.005	0.061	0.00	0.01	120.0	58.64	867.67	0	0.00	0.00	36	17.59	541.90
13	0.712	7.35	229	0.32	0.00	0.000	0.061	0.00	0.00	100.0	47.47	915.14	0	0.00	0.00	37	17.56	559.46
14	0.729	7.50	243	0.32	0.00	0.000	0.061	0.00	0.00	92.0	44.71	959.85	0	0.00	0.00	43	20.90	580.36
15	0.744	7.52	208	0.31	0.01	0.005	0.066	0.00	0.01	81.0	40.18	1000.03	0	0.00	0.00	50	24.80	605.16
16	0.734	7.96	253	0.29	0.00	0.000	0.066	0.00	0.00	79.0	38.66	1038.69	0	0.00	0.00	46	22.51	627.67
17	0.760	8.00	334	0.28	0.01	0.005	0.071	0.00	0.01	77.0	39.01	1077.70	0	0.00	0.00	40	20.27	647.94
18	0.739	7.96	342	0.26	0.01	0.005	0.076	0.00	0.01	72.0	35.47	1113.17	0	0.00	0.00	40	19.71	667.65
19	0.695	7.83	334	0.28	0.02	0.009	0.085	0.00	0.02	74.0	34.29	1147.46	0	0.00	0.00	44	20.39	688.04
20	0.763	7.90	245	0.24	0.03	0.015	0.100	0.01	0.02	38.0	19.33	1166.79	0	0.00	0.00	56	28.49	716.53
21	0.771	7.86	244	0.28	0.00	0.000	0.100	0.00	0.00	60.0	30.84	1197.63	0	0.00	0.00	48	24.67	741.20
22	0.723	7.86	242	0.28	0.01	0.005	0.105	0.00	0.01	62.0	29.88	1227.51	0	0.00	0.00	48	23.14	764.34
23	0.769	7.87	250	0.30	0.02	0.010	0.115	0.01	0.01	59.0	30.25	1257.76	0	0.00	0.00	53	27.17	791.51
24	0.707	7.81	247	0.26	0.01	0.005	0.120	0.00	0.01	63.0	29.69	1287.45	0	0.00	0.00	32	15.08	806.59
25	0.740	7.86	205	0.26	0.01	0.005	0.125	0.00	0.01	54.0	26.64	1314.09	0	0.00	0.00	49	24.17	830.76
26	0.746	7.88	247	0.26	0.03	0.015	0.140	0.00	0.03	51.0	25.36	1339.45	0	0.00	0.00	52	25.86	856.62
27	0.763	7.84	218	0.25	0.04	0.020	0.160	0.00	0.04	53.0	26.96	1366.41	0	0.00	0.00	43	21.87	878.49
28	0.731	7.74	209	0.25	0.03	0.015	0.175	0.00	0.03	57.0	27.78	1394.19	0	0.00	0.00	36	17.54	896.03
29	0.750	7.83	203	0.26	0.02	0.010	0.185	0.00	0.02	54.0	27.00	1421.19	0	0.00	0.00	43	21.50	917.53
30	0.724	7.80	244	0.26	0.03	0.014	0.199	0.00	0.03	55.0	26.55	1447.74	0	0.00	0.00	39	18.82	936.35
31	0.757	7.93	237	0.25	0.01	0.005	0.204	0.00	0.01	49.0	24.73	1472.47	0	0.00	0.00	38	19.18	955.53
32	0.731	7.88	238	0.24	0.00	0.000	0.204	0.00	0.00	47.0	22.90	1495.37	0	0.00	0.00	36	17.54	973.07
33	0.731	7.86	221	0.24	0.02	0.010	0.214	0.00	0.02	46.0	22.42	1517.79	0	0.00	0.00	40	19.49	992.56
34	0.738	7.89	248	0.23	0.00	0.000	0.214	0.00	0.00	45.0	22.14	1539.93	0	0.00	0.00	42	20.66	1013.22
35	0.739	7.84	242	0.19	0.00	0.000	0.214	0.00	0.00	41.0	20.20	1560.13	0	0.00	0.00	46	22.66	1035.88
36	0.732	7.78	240	0.18	0.01	0.005	0.219	0.00	0.01	43.0	20.98	1581.11	0	0.00	0.00	38	18.54	1054.42
37	0.704	7.81	266	0.18	0.02	0.009	0.228	0.00	0.02	42.0	19.71	1600.82	0	0.00	0.00	41	19.24	1073.66
38	0.771	7.87	244	0.18	0.02	0.010	0.238	0.00	0.02	29.0	14.91	1615.73	0	0.00	0.00	48	24.67	1098.33
39	0.696	7.72	253	0.18	0.03	0.014	0.252	0.02	0.01	39.0	18.10	1633.83	0	0.00	0.00	42	19.49	1117.82
40	0.773	7.86	231	0.17	0.01	0.005	0.257	0.00	0.01	32.0	16.49	1650.32	0	0.00	0.00	44	22.67	1140.49
41	0.760	7.78	253	0.16	0.04	0.020	0.277	0.01	0.03	27.0	13.68	1664.00	0	0.00	0.00	40	20.27	1160.76
42	0.730	7.75	249	0.18	0.02	0.010	0.287	0.01	0.01	34.0	16.55	1680.55	0	0.00	0.00	35	17.03	1177.79
43	0.720	7.74	234	0.17	0.04	0.019	0.306	0.03	0.01	38.0	18.24	1698.79	0	0.00	0.00	35	16.80	1194.59
44	0.771	7.74	210	0.16	0.01	0.005	0.311	0.01	0.00	39.0	20.05	1718.84	0	0.00	0.00	42	21.59	1216.18

Test Terminated

Figure 11a.- Weekly Humidity Cell Analytical Results

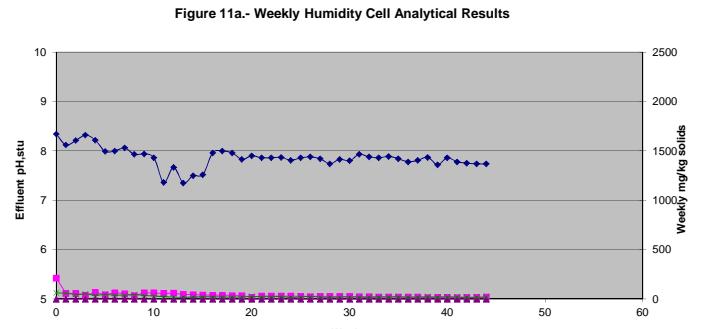


Figure 11b.- Cumulative Humidity Cell Analytical Results

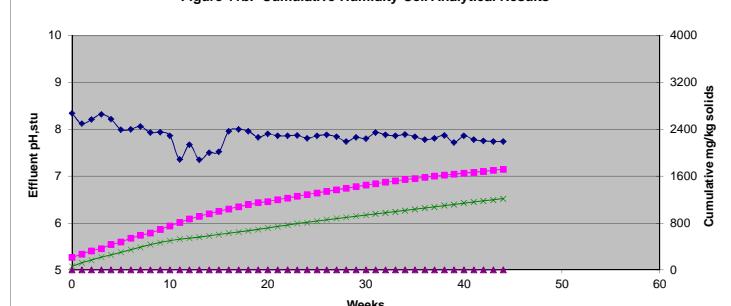


Table 12 . - Humidity Cell Analytical Results, 604 862

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents				Alkalinity, CaCO ₃ Equivalents		
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	0.719	8.13	229	0.63	0.03	0.014	0.014	0.01	0.02	390.0	186.94	186.94	0	0.00	0.00	124	59.44	59.44
1	0.813	7.96	191	0.43	0.00	0.000	0.014	0.00	0.00	69.0	37.40	224.34	0	0.00	0.00	166	89.97	149.41
2	0.721	8.29	205	0.34	0.01	0.005	0.019	0.00	0.01	48.0	23.07	247.41	0	0.00	0.00	134	64.27	213.68
3	0.739	8.21	192	0.34	0.00	0.000	0.019	0.00	0.00	41.0	20.20	267.61	0	0.00	0.00	133	65.52	279.20
4	0.713	8.20	153	0.34	0.03	0.014	0.033	0.00	0.03	45.0	21.39	289.00	0	0.00	0.00	122	57.99	337.19
5	0.738	8.24	182	0.33	0.00	0.000	0.033	0.00	0.00	38.0	18.70	307.70	0	0.00	0.00	121	59.53	396.72
6	0.737	8.19	92	0.33	0.00	0.000	0.033	0.00	0.00	41.0	20.14	327.84	0	0.00	0.00	118	57.98	454.70
7	0.740	8.19	148	0.36	0.00	0.000	0.033	0.00	0.00	38.0	18.75	346.59	0	0.00	0.00	138	68.08	522.78
8	0.700	8.13	209	0.33	0.00	0.000	0.033	0.00	0.00	46.0	21.47	368.06	0	0.00	0.00	121	56.47	579.25
9	0.746	8.14	143	0.39	0.00	0.000	0.033	0.00	0.00	37.0	18.40	386.46	0	0.00	0.00	159	79.08	658.33
10	0.746	8.13	175	0.37	0.00	0.000	0.033	0.00	0.00	46.0	22.88	409.34	0	0.00	0.00	126	62.66	720.99
11	0.739	8.09	140	0.37	0.01	0.005	0.038	0.00	0.01	39.0	19.21	428.55	0	0.00	0.00	131	64.54	785.53
12	0.680	8.08	189	0.30	0.00	0.000	0.038	0.00	0.00	46.0	20.85	449.40	0	0.00	0.00	93	42.16	827.69
13	0.769	7.88	219	0.37	0.01	0.005	0.043	0.00	0.01	33.0	16.92	466.32	0	0.00	0.00	151	77.41	905.10
14	0.733	7.98	207	0.34	0.02	0.010	0.053	0.01	0.01	36.0	17.59	483.91	0	0.00	0.00	115	56.20	961.30
15	0.720	7.75	209	0.36	0.01	0.005	0.058	0.00	0.01	35.0	16.80	500.71	0	0.00	0.00	130	62.40	1023.70
16	0.758	8.12	256	0.35	0.01	0.005	0.063	0.00	0.01	31.0	15.67	516.38	0	0.00	0.00	142	71.76	1095.46
17	0.711	8.16	313	0.33	0.01	0.005	0.068	0.00	0.01	35.0	16.59	532.97	0	0.00	0.00	117	55.46	1150.92
18	0.684	8.10	317	0.36	0.03	0.014	0.082	0.00	0.03	33.0	15.05	548.02	0	0.00	0.00	143	65.21	1216.13
19	0.759	7.96	334	0.41	0.00	0.000	0.082	0.00	0.00	19.0	9.61	557.63	0	0.00	0.00	173	87.54	1303.67
20	0.762	7.91	218	0.43	0.02	0.010	0.092	0.02	0.00	24.0	12.19	569.82	0	0.00	0.00	181	91.95	1395.62
21	0.723	8.01	237	0.40	0.01	0.005	0.097	0.00	0.01	31.0	14.94	584.76	0	0.00	0.00	152	73.26	1468.88
22	0.706	7.96	253	0.44	0.00	0.000	0.097	0.00	0.00	28.0	13.18	597.94	0	0.00	0.00	181	85.19	1554.07
23	0.750	7.87	245	0.50	0.00	0.000	0.097	0.00	0.00	27.0	13.50	611.44	0	0.00	0.00	204	102.00	1656.07
24	0.734	7.93	218	0.46	0.04	0.020	0.117	0.01	0.03	24.0	11.74	623.18	0	0.00	0.00	190	92.97	1749.04
25	0.727	8.10	178	0.39	0.07	0.034	0.151	0.01	0.06	31.0	15.02	638.20	0	0.00	0.00	150	72.70	1821.74
26	0.732	7.97	240	0.46	0.03	0.015	0.166	0.00	0.03	25.0	12.20	650.40	0	0.00	0.00	197	96.14	1917.88
27	0.740	8.00	208	0.46	0.05	0.025	0.191	0.00	0.05	22.0	10.85	661.25	0	0.00	0.00	212	104.59	2022.47
28	0.722	7.90	201	0.49	0.05	0.024	0.215	0.00	0.05	22.0	10.59	671.84	0	0.00	0.00	218	104.93	2127.40
29	0.734	7.96	200	0.51	0.07	0.034	0.249	0.00	0.07	20.0	9.79	681.63	0	0.00	0.00	220	107.65	2235.05
30	0.715	7.91	241	0.53	0.04	0.019	0.268	0.00	0.04	20.0	9.53	691.16	0	0.00	0.00	230	109.63	2344.68
31	0.718	7.87	256	0.53	0.06	0.029	0.297	0.02	0.04	19.0	9.09	700.25	0	0.00	0.00	238	113.92	2458.60
32	0.748	7.84	245	0.53	0.02	0.010	0.307	0.00	0.02	9.4	4.69	704.94	0	0.00	0.00	236	117.69	2576.29
33	0.719	7.96	232	0.52	0.01	0.005	0.312	0.00	0.01	11.0	5.27	710.21	0	0.00	0.00	229	109.77	2686.06
34	0.761	7.90	245	0.51	0.00	0.000	0.312	0.00	0.00	9.8	4.97	715.18	0	0.00	0.00	232	117.70	2803.76
35	0.709	7.90	227	0.39	0.08	0.038	0.350	0.03	0.05	18.0	8.51	723.69	0	0.00	0.00	231	109.19	2912.95
36	0.723	7.94	235	0.39	0.03	0.014	0.364	0.00	0.03	17.0	8.19	731.88	0	0.00	0.00	229	110.38	3023.33
37	0.718	7.74	275	0.40	0.01	0.005	0.369	0.01	0.00	13.0	6.22	738.10	0	0.00	0.00	237	113.44	3136.77
38	0.754	8.03	229	0.36	0.04	0.020	0.389	0.00	0.04	13.0	6.53	744.63	0	0.00	0.00	209	105.06	3241.83
39	0.715	7.98	256	0.37	0.04	0.019	0.408	0.00	0.04	15.0	7.15	751.78	0	0.00	0.00	228	108.68	3350.51
40	0.735	7.78	282	0.40	0.03	0.015	0.423	0.00	0.03	11.0	5.39	757.17	0	0.00	0.00	240	117.60	3468.11
41	0.760	7.78	253	0.37	0.05	0.025	0.448	0.01	0.04	10.0	5.07	762.24	0	0.00	0.00	233	118.05	3586.16
42	0.723	8.09	244	0.28	0.06	0.029	0.477	0.01	0.05	16.0	7.71	769.95	0	0.00	0.00	157	75.67	3661.83
43	0.694	7.89	239	0.32	0.05	0.023	0.500	0.02	0.03	21.0	9.72	779.67	0	0.00	0.00	183	84.67	3746.50
44	0.769	7.96	199	0.36	0.06	0.031	0.531	0.01	0.05	14.0	7.18	786.85	0	0.00	0.00	223	114.32	3860.82

Test Terminated

Figure 12a.- Weekly Humidity Cell Analytical Results

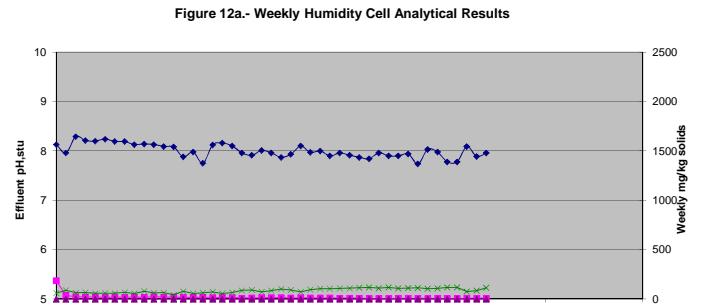


Figure 12b.- Cumulative Humidity Cell Analytical Results

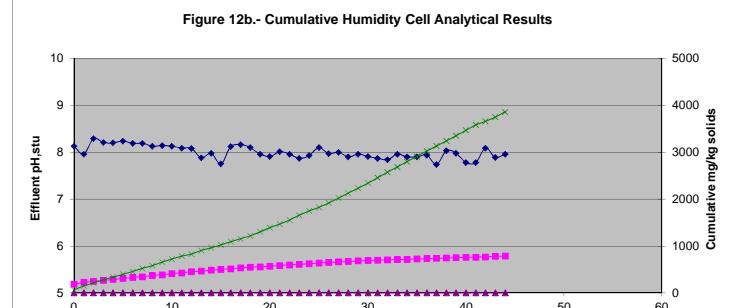


Table 13 . - Humidity Cell Analytical Results, 604 867

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.820	7.96	219	1.90	0.02	0.011	0.011	0.00	0.02	1100.0	601.33	601.33	0	0.00	0.00	148	80.91	80.91
1	0.734	7.93	184	0.61	0.01	0.005	0.016	0.00	0.01	230.0	112.55	713.88	0	0.00	0.00	96	46.98	127.89
2	0.715	7.99	213	0.60	0.01	0.005	0.021	0.00	0.01	240.0	114.40	828.28	0	0.00	0.00	94	44.66	172.55
3	0.732	8.02	203	0.46	0.02	0.010	0.031	0.00	0.02	120.0	58.56	886.84	0	0.00	0.00	127	61.98	234.53
4	0.751	8.25	254	0.47	0.02	0.010	0.041	0.01	0.01	120.0	60.08	946.92	0	0.00	0.00	112	56.07	290.60
5	0.755	7.93	200	0.54	0.01	0.005	0.046	0.00	0.01	200.0	100.67	1047.59	0	0.00	0.00	60	30.20	320.80
6	0.742	7.90	93	0.62	0.00	0.000	0.046	0.00	0.00	240.0	118.72	1166.31	0	0.00	0.00	79	39.08	359.88
7	0.703	7.92	162	0.57	0.00	0.000	0.046	0.00	0.00	230.0	107.79	1274.10	0	0.00	0.00	78	36.56	396.44
8	0.757	7.95	209	0.45	0.05	0.025	0.071	0.00	0.05	130.0	65.61	1339.71	0	0.00	0.00	118	59.55	455.99
9	0.752	7.85	159	0.59	0.00	0.000	0.071	0.00	0.00	230.0	115.31	1455.02	0	0.00	0.00	90	45.12	501.11
10	0.725	7.84	192	0.68	0.01	0.005	0.076	0.00	0.01	270.0	130.50	1585.52	0	0.00	0.00	74	35.77	536.88
11	0.765	7.72	161	0.56	0.04	0.020	0.096	0.00	0.04	190.0	96.90	1682.42	0	0.00	0.00	84	42.84	579.72
12	0.723	7.68	220	0.57	0.01	0.005	0.101	0.00	0.01	230.0	110.86	1793.28	0	0.00	0.00	49	23.62	603.34
13	0.772	7.39	227	0.51	0.01	0.005	0.106	0.00	0.01	190.0	97.79	1891.07	0	0.00	0.00	61	31.39	634.73
14	0.714	7.77	195	0.55	0.08	0.038	0.144	0.00	0.08	200.0	95.20	1986.27	0	0.00	0.00	49	23.32	658.05
15	0.745	7.51	232	0.53	0.08	0.040	0.184	0.00	0.08	180.0	89.40	2075.67	0	0.00	0.00	70	34.77	692.82
16	0.695	7.83	280	0.50	0.01	0.005	0.189	0.00	0.01	180.0	83.40	2159.07	0	0.00	0.00	63	29.19	722.01
17	0.769	7.83	375	0.45	0.00	0.000	0.189	0.00	0.00	130.0	66.65	2225.72	0	0.00	0.00	81	41.53	763.54
18	0.765	7.94	364	0.45	0.02	0.010	0.199	0.00	0.02	160.0	81.60	2307.32	0	0.00	0.00	64	32.64	796.18
19	0.713	7.67	360	0.51	0.03	0.014	0.213	0.00	0.03	190.0	90.31	2397.63	0	0.00	0.00	54	25.67	821.85
20	0.751	7.64	266	0.51	0.04	0.020	0.233	0.01	0.03	180.0	90.12	2487.75	0	0.00	0.00	56	28.04	849.89
21	0.730	7.72	272	0.53	0.00	0.000	0.233	0.00	0.00	190.0	92.47	2580.22	0	0.00	0.00	58	28.23	878.12
22	0.745	7.73	274	0.51	0.02	0.010	0.243	0.00	0.02	180.0	89.40	2669.62	0	0.00	0.00	55	27.32	905.44
23	0.741	7.71	261	0.56	0.01	0.005	0.248	0.00	0.01	190.0	93.86	2763.48	0	0.00	0.00	63	31.12	936.56
24	0.728	7.65	272	0.49	0.05	0.024	0.272	0.01	0.04	180.0	87.36	2850.84	0	0.00	0.00	40	19.41	955.97
25	0.731	7.82	221	0.47	0.03	0.015	0.287	0.01	0.02	190.0	92.59	2943.43	0	0.00	0.00	50	24.37	980.34
26	0.721	7.70	272	0.48	0.01	0.005	0.292	0.00	0.01	170.0	81.71	3025.14	0	0.00	0.00	57	27.40	1007.74
27	0.720	7.70	248	0.52	0.04	0.019	0.311	0.00	0.04	170.0	81.60	3106.74	0	0.00	0.00	57	27.36	1035.10
28	0.729	7.71	249	0.51	0.02	0.010	0.321	0.01	0.01	170.0	82.62	3189.36	0	0.00	0.00	81	39.37	1074.47
29	0.763	7.79	234	0.51	0.15	0.076	0.397	0.04	0.11	150.0	76.30	3265.66	0	0.00	0.00	89	45.27	1119.74
30	0.746	7.71	258	0.50	0.04	0.020	0.417	0.02	0.02	150.0	74.60	3340.26	0	0.00	0.00	65	32.33	1152.07
31	0.723	7.64	274	0.46	0.04	0.019	0.436	0.02	0.02	150.0	72.30	3412.56	0	0.00	0.00	43	20.73	1172.80
32	0.723	7.73	263	0.47	0.05	0.024	0.460	0.00	0.05	130.0	62.66	3475.22	0	0.00	0.00	62	29.88	1202.68
33	0.780	7.80	255	0.48	0.04	0.021	0.481	0.00	0.04	110.0	57.20	3532.42	0	0.00	0.00	94	48.88	1251.56
34	0.722	7.74	273	0.44	0.00	0.000	0.481	0.00	0.00	110.0	52.95	3585.37	0	0.00	0.00	77	37.06	1288.62
35	0.740	7.77	265	0.34	0.00	0.000	0.481	0.00	0.00	120.0	59.20	3644.57	0	0.00	0.00	84	41.44	1330.06
36	0.749	7.78	269	0.34	0.01	0.005	0.486	0.00	0.01	110.0	54.93	3699.50	0	0.00	0.00	85	42.44	1372.50
37	0.734	7.69	288	0.32	0.03	0.015	0.501	0.00	0.03	110.0	53.83	3753.33	0	0.00	0.00	82	40.13	1412.63
38	0.743	7.72	276	0.32	0.02	0.010	0.511	0.00	0.02	91.0	45.08	3798.41	0	0.00	0.00	87	43.09	1455.72
39	0.713	7.67	287	0.30	0.02	0.010	0.521	0.01	0.01	97.0	46.11	3844.52	0	0.00	0.00	77	36.60	1492.32
40	0.758	7.84	269	0.32	0.11	0.056	0.577	0.00	0.11	68.0	34.36	3878.88	0	0.00	0.00	111	56.09	1548.41
41	0.680	7.73	283	0.29	0.04	0.018	0.595	0.01	0.03	85.0	38.53	3917.41	0	0.00	0.00	73	33.09	1581.50
42	0.811	7.86	292	0.26	0.05	0.027	0.622	0.01	0.04	48.0	25.95	3943.36	0	0.00	0.00	105	56.77	1638.27
43	0.729	7.72	267	0.27	0.06	0.029	0.651	0.01	0.05	100.0	48.60	3991.96	0	0.00	0.00	59	28.67	1666.94
44	0.748	7.71	245	0.27	0.01	0.005	0.656	0.01	0.00	96.0	47.87	4039.83	0	0.00	0.00	74	36.90	1703.84

Test Terminated

Figure 13a.- Weekly Humidity Cell Analytical Results

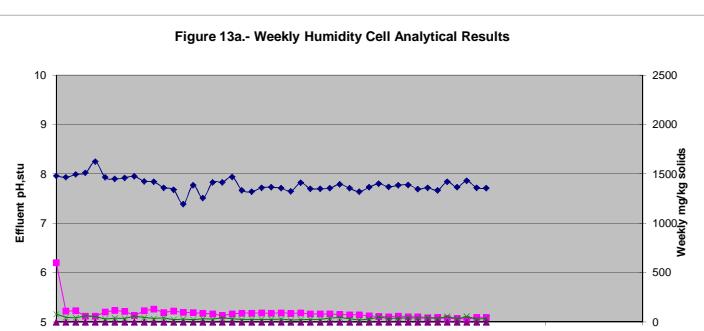


Figure 13b.- Cumulative Humidity Cell Analytical Results

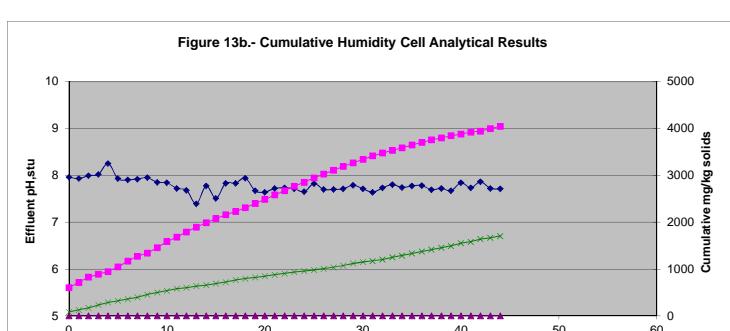


Table 14 . - Humidity Cell Analytical Results, 605 033

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.763	8.43	242	0.76	0.00	0.000	0.000	0.00	0.00	230.0	116.99	116.99	0	0.00	0.00	150	76.30	76.30
1	0.749	8.14	182	0.37	0.00	0.000	0.000	0.00	0.00	75.0	37.45	154.44	0	0.00	0.00	132	65.91	142.21
2	0.707	8.21	207	0.30	0.00	0.000	0.000	0.00	0.00	75.0	35.35	189.79	0	0.00	0.00	85	39.92	182.13
3	0.760	8.21	160	0.26	0.03	0.015	0.015	0.00	0.03	31.0	15.71	205.50	0	0.00	0.00	90	45.60	227.73
4	0.743	8.08	142	0.28	0.00	0.000	0.015	0.00	0.00	45.0	22.29	227.79	0	0.00	0.00	91	45.08	272.81
5	0.744	8.11	191	0.28	0.01	0.005	0.020	0.00	0.01	48.0	23.81	251.60	0	0.00	0.00	80	39.68	312.49
6	0.737	8.15	149	0.26	0.00	0.000	0.020	0.00	0.00	54.0	26.53	278.13	0	0.00	0.00	69	33.90	346.39
7	0.770	8.14	155	0.26	0.00	0.000	0.020	0.00	0.00	44.0	22.59	300.72	0	0.00	0.00	72	36.96	383.35
8	0.722	7.93	201	0.26	0.00	0.000	0.020	0.00	0.00	57.0	27.44	328.16	0	0.00	0.00	63	30.32	413.67
9	0.758	8.02	147	0.24	0.00	0.000	0.020	0.00	0.00	48.0	24.26	352.42	0	0.00	0.00	56	28.30	441.97
10	0.735	7.87	188	0.23	0.00	0.000	0.020	0.00	0.00	54.0	26.46	378.88	0	0.00	0.00	40	19.60	461.57
11	0.744	8.12	143	0.19	0.03	0.015	0.035	0.02	0.01	35.0	17.36	396.24	0	0.00	0.00	36	17.86	479.43
12	0.702	7.89	224	0.25	0.00	0.000	0.035	0.00	0.00	69.0	32.29	428.53	0	0.00	0.00	37	17.32	496.75
13	0.761	7.53	213	0.22	0.00	0.000	0.035	0.00	0.00	45.0	22.83	451.36	0	0.00	0.00	45	22.83	519.58
14	0.692	7.72	218	0.23	0.00	0.000	0.035	0.00	0.00	45.0	20.76	472.12	0	0.00	0.00	43	19.84	539.42
15	0.780	7.56	289	0.22	0.00	0.000	0.035	0.00	0.00	30.0	15.60	487.72	0	0.00	0.00	54	28.08	567.50
16	0.720	8.14	291	0.22	0.03	0.014	0.049	0.00	0.03	39.0	18.72	506.44	0	0.00	0.00	50	24.00	591.50
17	0.736	8.14	318	0.22	0.00	0.000	0.049	0.00	0.00	40.0	19.63	526.07	0	0.00	0.00	49	24.04	615.54
18	0.730	8.14	310	0.21	0.01	0.005	0.054	0.01	0.00	37.0	18.01	544.08	0	0.00	0.00	51	24.82	640.36
19	0.775	7.96	324	0.22	0.03	0.016	0.070	0.01	0.02	32.0	16.53	560.61	0	0.00	0.00	54	27.90	668.26
20	0.707	7.94	234	0.22	0.01	0.005	0.075	0.00	0.01	37.0	17.44	578.05	0	0.00	0.00	47	22.15	690.41
21	0.760	8.00	243	0.23	0.01	0.005	0.080	0.00	0.01	33.0	16.72	594.77	0	0.00	0.00	53	26.85	717.26
22	0.721	7.99	256	0.23	0.01	0.005	0.085	0.01	0.00	34.0	16.34	611.11	0	0.00	0.00	52	24.99	742.25
23	0.769	7.96	244	0.24	0.00	0.000	0.085	0.00	0.00	33.0	16.92	628.03	0	0.00	0.00	51	26.15	768.40
24	0.710	8.07	219	0.21	0.01	0.005	0.090	0.00	0.01	33.0	15.62	643.65	0	0.00	0.00	42	19.88	788.28
25	0.724	7.95	183	0.21	0.01	0.005	0.095	0.00	0.01	30.0	14.48	658.13	0	0.00	0.00	49	23.65	811.93
26	0.774	7.98	255	0.20	0.00	0.000	0.095	0.00	0.00	24.0	12.38	670.51	0	0.00	0.00	49	25.28	837.21
27	0.717	7.90	225	0.22	0.02	0.010	0.105	0.01	0.01	29.0	13.86	684.37	0	0.00	0.00	48	22.94	860.15
28	0.728	7.84	225	0.22	0.01	0.005	0.110	0.00	0.01	30.0	14.56	698.93	0	0.00	0.00	49	23.78	883.93
29	0.783	7.86	201	0.21	0.04	0.021	0.131	0.01	0.03	24.0	12.53	711.46	0	0.00	0.00	50	26.10	910.03
30	0.682	7.91	224	0.22	0.01	0.005	0.136	0.00	0.01	31.0	14.09	725.55	0	0.00	0.00	44	20.01	930.04
31	0.803	8.04	245	0.20	0.03	0.016	0.152	0.00	0.03	18.0	9.64	735.19	0	0.00	0.00	46	24.63	954.67
32	0.731	7.96	244	0.20	0.01	0.005	0.157	0.00	0.01	23.0	11.21	746.40	0	0.00	0.00	40	19.49	974.16
33	0.725	7.86	235	0.20	0.00	0.000	0.157	0.00	0.00	24.0	11.60	758.00	0	0.00	0.00	44	21.27	995.43
34	0.743	7.87	248	0.20	0.00	0.000	0.157	0.00	0.00	21.0	10.40	768.40	0	0.00	0.00	45	22.29	1017.72
35	0.749	7.80	246	0.16	0.02	0.010	0.167	0.00	0.02	20.0	9.99	778.39	0	0.00	0.00	40	19.97	1037.69
36	0.690	7.79	252	0.17	0.01	0.005	0.172	0.01	0.00	20.0	9.20	787.59	0	0.00	0.00	43	19.78	1057.47
37	0.777	7.83	260	0.16	0.01	0.005	0.177	0.00	0.01	13.0	6.73	794.32	0	0.00	0.00	44	22.79	1080.26
38	0.697	7.83	251	0.16	0.02	0.009	0.186	0.00	0.02	17.0	7.90	802.22	0	0.00	0.00	44	20.45	1100.71
39	0.768	7.71	261	0.16	0.01	0.005	0.191	0.00	0.01	14.0	7.17	809.39	0	0.00	0.00	43	22.02	1122.73
40	0.710	7.94	238	0.16	0.03	0.014	0.205	0.02	0.01	14.0	6.63	816.02	0	0.00	0.00	41	19.41	1142.14
41	0.781	7.72	262	0.15	0.01	0.005	0.210	0.01	0.00	10.0	5.21	821.23	0	0.00	0.00	41	21.35	1163.49
42	0.758	7.77	273	0.16	0.01	0.005	0.215	0.01	0.00	12.0	6.06	827.29	0	0.00	0.00	42	21.22	1184.71
43	0.703	7.89	238	0.16	0.05	0.023	0.238	0.02	0.03	17.0	7.97	835.26	0	0.00	0.00	40	18.75	1203.46
44	0.759	7.74	230	0.15	0.03	0.015	0.253	0.01	0.02	14.0	7.08	842.34	0	0.00	0.00	41	20.75	1224.21

Test Terminated

Figure 14a.- Weekly Humidity Cell Analytical Results

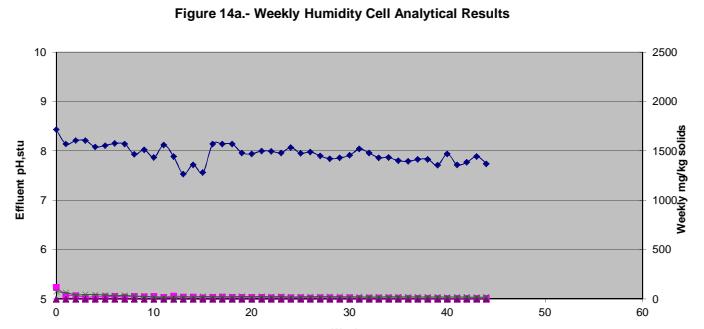


Figure 14b.- Cumulative Humidity Cell Analytical Results

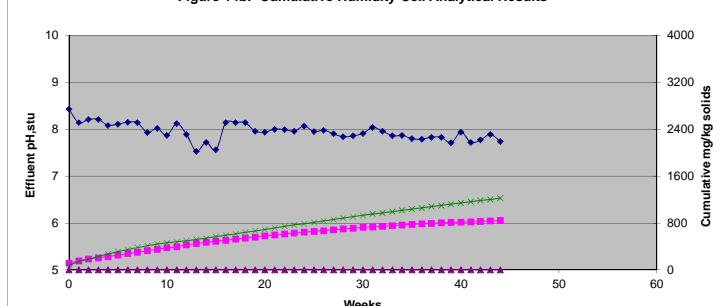


Table 15 . - Humidity Cell Analytical Results, 605 153

(1.5300 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.718	8.44	226	0.47	0.00	0.000	0.000	0.00	0.00	190.0	89.16	89.16	0	0.00	0.00	64	30.03	30.03
1	0.816	7.96	169	0.27	0.00	0.000	0.000	0.00	0.00	44.0	23.47	112.63	0	0.00	0.00	102	54.40	84.43
2	0.726	8.46	187	0.19	0.02	0.009	0.009	0.00	0.02	27.0	12.81	125.44	0	0.00	0.00	108	51.29	135.72
3	0.759	8.25	149	0.21	0.03	0.015	0.024	0.03	0.00	20.0	9.92	135.36	0	0.00	0.00	91	45.14	180.86
4	0.748	8.31	141	0.21	0.00	0.000	0.024	0.00	0.00	28.0	13.69	149.05	0	0.00	0.00	90	44.00	224.86
5	0.732	8.25	193	0.21	0.00	0.000	0.024	0.00	0.00	35.0	16.75	165.80	0	0.00	0.00	60	28.71	253.57
6	0.761	8.10	101	0.21	0.00	0.000	0.024	0.00	0.00	31.0	15.42	181.22	0	0.00	0.00	71	35.31	288.88
7	0.757	8.14	155	0.21	0.00	0.000	0.024	0.00	0.00	30.0	14.84	196.06	0	0.00	0.00	64	31.67	320.55
8	0.744	8.01	208	0.20	0.00	0.000	0.024	0.00	0.00	31.0	15.07	211.13	0	0.00	0.00	60	29.18	349.73
9	0.757	8.08	155	0.20	0.00	0.000	0.024	0.00	0.00	27.0	13.36	224.49	0	0.00	0.00	62	30.68	380.41
10	0.731	8.07	180	0.21	0.00	0.000	0.024	0.00	0.00	29.0	13.86	238.35	0	0.00	0.00	58	27.71	408.12
11	0.801	8.22	138	0.19	0.00	0.000	0.024	0.00	0.00	19.0	9.95	248.30	0	0.00	0.00	64	33.51	441.63
12	0.728	8.15	209	0.18	0.00	0.000	0.024	0.00	0.00	22.0	10.47	258.77	0	0.00	0.00	58	27.60	469.23
13	0.733	7.76	190	0.18	0.01	0.005	0.029	0.00	0.01	19.0	9.10	267.87	0	0.00	0.00	48	23.00	492.23
14	0.775	7.85	207	0.18	0.00	0.000	0.029	0.00	0.00	17.0	8.61	276.48	0	0.00	0.00	46	23.30	515.53
15	0.753	7.68	202	0.18	0.03	0.015	0.044	0.00	0.03	17.0	8.37	284.85	0	0.00	0.00	45	22.15	537.68
16	0.760	8.37	257	0.17	0.00	0.000	0.044	0.00	0.00	14.0	6.95	291.80	0	0.00	0.00	47	23.35	561.03
17	0.729	8.39	298	0.17	0.03	0.014	0.058	0.00	0.03	16.0	7.62	299.42	0	0.00	0.00	44	20.96	581.99
18	0.744	8.34	291	0.17	0.01	0.005	0.063	0.00	0.01	17.0	8.27	307.69	0	0.00	0.00	42	20.42	602.41
19	0.733	8.04	316	0.18	0.00	0.000	0.063	0.00	0.00	16.0	7.67	315.36	0	0.00	0.00	44	21.08	623.49
20	0.761	8.09	210	0.18	0.02	0.010	0.073	0.01	0.01	15.0	7.46	322.82	0	0.00	0.00	46	22.88	646.37
21	0.789	8.10	236	0.18	0.00	0.000	0.073	0.00	0.00	15.0	7.74	330.56	0	0.00	0.00	47	24.24	670.61
22	0.737	8.13	234	0.18	0.01	0.005	0.078	0.00	0.01	15.0	7.23	337.79	0	0.00	0.00	40	19.27	689.88
23	0.756	8.10	206	0.19	0.01	0.005	0.083	0.00	0.01	16.0	7.91	345.70	0	0.00	0.00	41	20.26	710.14
24	0.715	8.25	213	0.17	0.02	0.009	0.092	0.00	0.02	14.0	6.54	352.24	0	0.00	0.00	38	17.76	727.90
25	0.766	8.09	149	0.17	0.03	0.015	0.107	0.00	0.03	14.0	7.01	359.25	0	0.00	0.00	39	19.53	747.43
26	0.743	8.08	244	0.17	0.00	0.000	0.107	0.00	0.00	13.0	6.31	365.56	0	0.00	0.00	37	17.97	765.40
27	0.729	8.10	205	0.17	0.01	0.005	0.112	0.01	0.00	12.0	5.72	371.28	0	0.00	0.00	36	17.15	782.55
28	0.777	7.96	223	0.17	0.02	0.010	0.122	0.00	0.02	12.0	6.09	377.37	0	0.00	0.00	39	19.81	802.36
29	0.729	8.13	184	0.17	0.03	0.014	0.136	0.01	0.02	12.0	5.72	383.09	0	0.00	0.00	37	17.63	819.99
30	0.773	8.12	210	0.18	0.01	0.005	0.141	0.00	0.01	13.0	6.57	389.66	0	0.00	0.00	42	21.22	841.21
31	0.739	8.22	220	0.17	0.02	0.010	0.151	0.01	0.01	12.0	5.80	395.46	0	0.00	0.00	35	16.91	858.12
32	0.783	8.24	216	0.17	0.01	0.005	0.156	0.00	0.01	10.0	5.12	400.58	0	0.00	0.00	38	19.45	877.57
33	0.761	8.22	208	0.17	0.00	0.000	0.156	0.00	0.00	9.2	4.58	405.16	0	0.00	0.00	36	17.91	895.48
34	0.702	8.18	227	0.16	0.01	0.005	0.161	0.00	0.01	8.3	3.81	408.97	0	0.00	0.00	34	15.60	911.08
35	0.749	7.99	229	0.15	0.01	0.005	0.166	0.00	0.01	11.0	5.38	414.35	0	0.00	0.00	36	17.62	928.70
36	0.787	8.04	230	0.15	0.03	0.015	0.181	0.00	0.03	9.1	4.68	419.03	0	0.00	0.00	36	18.52	947.22
37	0.748	8.10	227	0.14	0.02	0.010	0.191	0.00	0.02	6.9	3.37	422.40	0	0.00	0.00	31	15.16	962.38
38	0.743	8.08	230	0.14	0.02	0.010	0.201	0.02	0.00	6.9	3.35	425.75	0	0.00	0.00	29	14.08	976.46
39	0.731	7.84	246	0.14	0.02	0.010	0.211	0.00	0.02	8.3	3.97	429.72	0	0.00	0.00	28	13.38	989.84
40	0.751	8.09	223	0.14	0.03	0.015	0.226	0.01	0.02	6.9	3.39	433.11	0	0.00	0.00	28	13.74	1003.58
41	0.768	7.82	259	0.14	0.02	0.010	0.236	0.02	0.00	7.1	3.56	436.67	0	0.00	0.00	31	15.56	1019.14
42	0.767	7.93	263	0.15	0.04	0.020	0.256	0.01	0.03	7.4	3.71	440.38	0	0.00	0.00	30	15.04	1034.18
43	0.719	8.32	205	0.13	0.03	0.014	0.270	0.02	0.01	6.1	2.87	443.25	0	0.00	0.00	27	12.69	1046.87
44	0.773	7.89	208	0.14	0.04	0.020	0.290	0.01	0.03	11.0	5.56	448.81	0	0.00	0.00	32	16.17	1063.04

Test Terminated

Figure 15a.- Weekly Humidity Cell Analytical Results

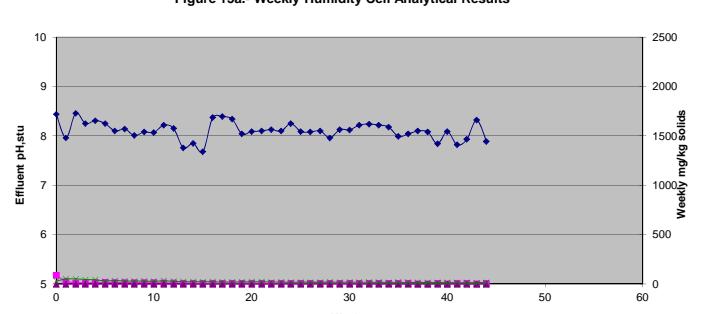


Figure 15b.- Cumulative Humidity Cell Analytical Results

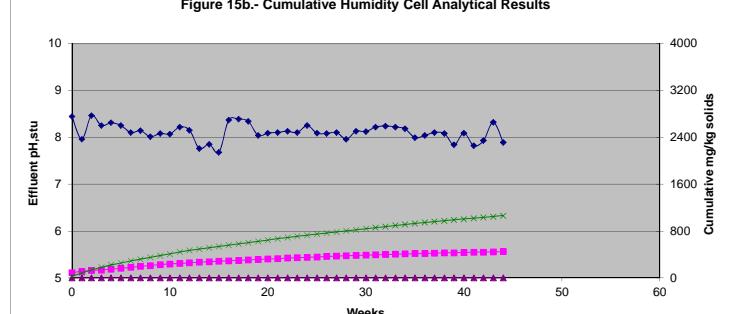


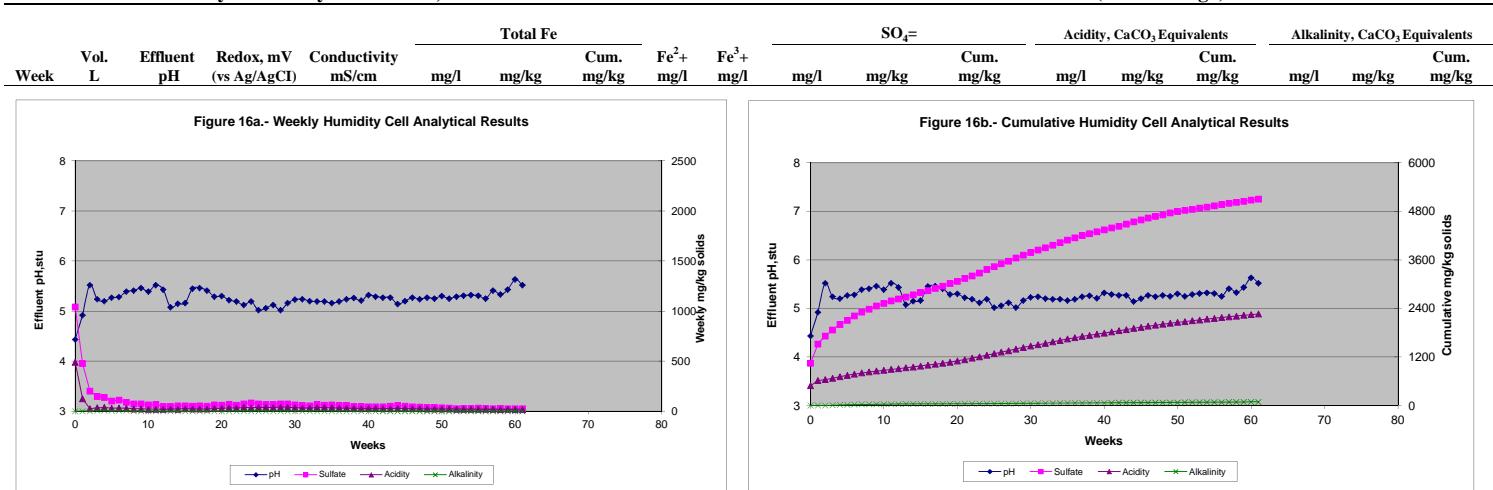
Table 16 . - Humidity Cell Analytical Results, SRK 0854

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.680	4.43	277	2.78	15.25	6.913	6.913	2.62	12.63	2300.0	1042.67	1042.67	1080	489.60	489.60	0	0.00	0.00
1	0.727	4.92	293	1.41	0.95	0.460	7.373	0.88	0.07	980.0	474.97	1517.64	260	126.01	615.61	2	0.97	0.97
2	0.707	5.52	331	0.72	0.46	0.217	7.590	0.10	0.36	430.0	202.67	1720.31	52	24.32	639.93	4	1.65	2.62
3	0.710	5.24	343	0.64	0.22	0.104	7.694	0.15	0.07	310.0	146.73	1867.04	72	34.08	674.01	12	5.68	8.30
4	0.718	5.20	352	0.57	0.62	0.297	7.991	0.12	0.50	290.0	138.81	2005.85	79	37.82	711.83	12	5.74	14.04
5	0.663	5.27	342	0.45	0.14	0.062	8.053	0.03	0.11	230.0	101.66	2107.51	69	30.50	742.33	12	5.30	19.34
6	0.692	5.28	340	0.45	0.23	0.106	8.159	0.08	0.15	240.0	110.72	2218.23	70	32.29	774.62	11	5.07	24.41
7	0.754	5.39	346	0.37	0.17	0.085	8.244	0.02	0.15	180.0	90.48	2308.71	60	30.16	804.78	13	6.53	30.94
8	0.702	5.41	349	0.34	0.30	0.140	8.384	0.10	0.20	160.0	74.88	2383.59	50	23.40	828.18	3	1.40	32.34
9	0.753	5.46	266	0.33	0.17	0.085	8.469	0.14	0.03	150.0	75.30	2458.89	48	24.10	852.28	3	1.51	33.85
10	0.724	5.39	310	0.32	0.11	0.053	8.522	0.07	0.04	130.0	62.75	2521.64	42	20.27	872.55	2	0.97	34.82
11	0.759	5.52	251	0.29	0.12	0.061	8.583	0.05	0.07	130.0	65.78	2587.42	40	20.24	892.79	3	1.52	36.34
12	0.716	5.43	325	0.25	0.10	0.048	8.631	0.10	0.00	100.0	47.73	2635.15	41	19.57	912.36	2	0.95	37.29
13	0.722	5.08	331	0.24	0.10	0.048	8.679	0.10	0.00	99.0	47.65	2682.80	44	21.18	933.54	1	0.48	37.77
14	0.683	5.15	372	0.27	0.17	0.077	8.756	0.02	0.15	120.0	54.64	2737.44	44	20.04	953.57	2	0.91	38.68
15	0.752	5.16	328	0.28	0.22	0.110	8.866	0.06	0.16	110.0	55.15	2792.59	49	24.57	978.14	1	0.50	39.18
16	0.749	5.45	364	0.25	0.25	0.125	8.991	0.03	0.22	100.0	49.93	2842.52	44	21.97	1000.11	3	1.50	40.68
17	0.745	5.46	424	0.26	0.16	0.079	9.070	0.10	0.06	110.0	54.63	2897.15	43	21.36	1021.47	2	0.99	41.67
18	0.713	5.41	419	0.26	0.18	0.086	9.156	0.16	0.02	110.0	52.29	2949.44	46	21.87	1043.33	3	1.43	43.10
19	0.737	5.29	419	0.31	0.26	0.128	9.284	0.14	0.12	130.0	63.87	3013.31	59	28.99	1072.32	2	0.98	44.08
20	0.694	5.30	344	0.32	0.31	0.143	9.427	0.18	0.13	130.0	60.15	3073.46	61	28.22	1100.54	2	0.93	45.01
21	0.746	5.22	366	0.35	0.28	0.139	9.566	0.19	0.09	140.0	69.63	3143.09	72	35.81	1136.35	2	0.99	46.00
22	0.688	5.19	368	0.32	0.82	0.376	9.942	0.29	0.53	130.0	59.63	3202.72	70	32.11	1168.46	2	0.92	46.92
23	0.700	5.12	357	0.39	1.31	0.611	10.553	0.25	1.06	160.0	74.67	3277.39	83	38.73	1207.19	2	0.93	47.85
24	0.691	5.19	374	0.35	0.93	0.428	10.981	0.30	0.63	180.0	82.92	3360.31	79	36.39	1243.58	2	0.92	48.77
25	0.693	5.02	333	0.34	0.90	0.416	11.397	0.22	0.68	160.0	73.92	3434.23	81	37.42	1281.01	3	1.39	50.16
26	0.689	5.06	348	0.36	1.72	0.790	12.187	0.35	1.37	150.0	68.90	3503.13	83	38.13	1319.13	2	0.92	51.08
27	0.681	5.12	341	0.34	1.08	0.490	12.677	0.52	0.56	150.0	68.10	3571.23	80	36.32	1355.45	2	0.91	51.99
28	0.701	5.02	350	0.37	1.05	0.491	13.168	0.23	0.82	160.0	74.77	3646.00	85	39.72	1395.17	2	0.93	52.92
29	0.733	5.16	351	0.35	0.95	0.464	13.632	0.26	0.69	150.0	73.30	3719.30	82	40.07	1435.25	3	1.47	54.39
30	0.740	5.23	359	0.33	0.82	0.405	14.037	0.16	0.66	130.0	64.13	3783.43	71	35.03	1470.27	3	1.48	55.87
31	0.722	5.24	370	0.31	0.80	0.385	14.422	0.09	0.71	120.0	57.76	3841.19	69	33.21	1503.48	3	1.44	57.31
32	0.691	5.20	357	0.31	0.94	0.433	14.855	0.19	0.75	120.0	55.28	3896.47	69	31.79	1535.27	3	1.38	58.69
33	0.708	5.19	352	0.34	0.91	0.430	15.285	0.08	0.83	140.0	66.08	3962.55	79	37.29	1572.56	3	1.42	60.11
34	0.709	5.19	368	0.33	1.61	0.761	16.046	0.07	1.54	130.0	61.45	4024.00	79	37.34	1609.90	3	1.42	61.53
35	0.738	5.16	345	0.25	1.38	0.679	16.725	0.44	0.94	130.0	63.96	4087.96	73	35.92	1645.82	2	0.98	62.51
36	0.725	5.19	347	0.22	1.26	0.609	17.334	0.15	1.11	120.0	58.00	4145.96	65	31.42	1677.23	2	0.97	63.48
37	0.713	5.24	371	0.22	0.49	0.233	17.567	0.11	0.38	120.0	57.04	4203.00	65	30.90	1708.13	3	1.43	64.91
38	0.729	5.26	340	0.21	0.75	0.365	17.932	0.22	0.53	99.0	48.11	4251.11	60	29.16	1737.29	2	0.97	65.88
39	0.701	5.21	362	0.20	0.82	0.383	18.315	0.26	0.56	100.0	46.73	4297.84	58	27.11	1764.39	2	0.93	66.81
40	0.696	5.32	349	0.20	0.41	0.190	18.505	0.19	0.22	95.0	44.08	4341.92	60	27.84	1792.23	2	0.93	67.74
41	0.731	5.29	362	0.21	0.80	0.390	18.895	0.33	0.47	92.0	44.83	4386.75	60	29.24	1821.47	2	0.97	68.71
42	0.681	5.27	377	0.21	0.58	0.263	19.158	0.41	0.17	97.0	44.04	4430.79	60	27.24	1848.71	2	0.91	69.62
43	0.640	5.27	343	0.21	0.94	0.401	19.559	0.69	0.25	120.0	51.20	4481.99	62	26.45	1875.17	2	0.85	70.47
44	0.784	5.14	357	0.19	1.05	0.549	20.108	0.25	0.80	110.0	57.49	4539.48	55	28.75	1903.91	1	0.52	70.99
45	0.702	5.20	366	0.25	1.02	0.477	20.585	0.25	0.77	110.0	51.48	4590.96	63	29.48	1933.40	2	0.94	71.93
46	0.685	5.27	353	0.21	0.39	0.178	20.763	0.26	0.13	97.0	44.30	4635.26	56	25.57	1958.97	2	0.91	72.84
47	0.774	5.24	360	0.22	0.71	0.366	21.129	0.35	0.36	84.0	43.34	4678.60	51	26.32	1985.29	2	1.03	73.87
48	0.758	5.27	344	0.17	1.34	0.677	21.806	0.28	1.06	79.0	39.92	4718.52	46	23.25	2008.53	2	1.01	74.88
49	0.711	5.25	340	0.20	1.48	0.702	22.508	0.34	1.14	84.0	39.82	4758.34	48	22.75	2031.28	2	0.95	75.83
50	0.734	5.30	364	0.18	0.83	0.406	22.914	0.30	0.53	70.0	34.25	4792.59	47	23.00	2054.28	2	0.98	76.81
51	0.728	5.25	327	0.17	0.59	0.286	23.200	0.26	0.33	66.0	32.03	4824.62	44	21.36	2075.64	2	0.97	77.78
52	0.731	5.29	346	0.18	0.80	0.390	23.590	0.13	0.67	50.0	24.37	4848.99	43	20.96	2096.59	2	0.97	78.75
53	0.725	5.31	334	0.19	0.83	0.401	23.991	0.20	0.63	62.0	29.97	4878.96	39	18.85	2115.44	2	0.97	79.72
54	0.748	5.32	360	0.22	0.33	0.165	24.156	0.19	0.14	59.0	29.42	4908.38	41	20.45	2135.89	3	1.50	81.22
55	0.733	5.31	369	0.15	0.23	0.112	24.268	0.16	0.07	64.0	31.27	4939.65	40	19.55	2155.44	3	1.47	82.69
56	0.707	5.25	356	0.15	0.22	0.104	24.372	0.21	0.01	63.0	29.69	4969.34	40	18.85	2174.29	3	1.41	84.10
57																		

Table 16 . - Humidity Cell Analytical Results, SRK 0854

(1,5000 Kg)



New Mexico Copper Corp.
MLI Job No. 3438

Table 17 . - Humidity Cell Analytical Results, SRK 0858

(1.4900 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.667	3.73	357	0.87	19.50	8.729	8.729	1.95	17.55	490.0	219.35	219.35	184	82.37	82.37	0	0.00	0.00
1	0.696	4.14	277	0.73	21.90	10.230	18.959	2.17	19.73	450.0	210.20	429.55	286	133.60	215.96	0	0.00	0.00
2	0.709	4.39	310	0.31	4.76	2.265	21.224	1.06	3.70	160.0	76.13	505.68	243	115.68	331.64	0	0.00	0.00
3	0.714	4.41	301	0.27	1.78	0.853	22.077	0.57	1.21	140.0	67.09	572.77	108	51.75	383.39	0	0.00	0.00
4	0.701	4.16	323	0.25	0.43	0.202	22.279	0.32	0.11	100.0	47.05	619.82	94	44.22	427.62	0	0.00	0.00
5	0.700	4.31	301	0.20	0.32	0.150	22.429	0.31	0.01	73.0	34.30	654.12	74	34.77	462.38	0	0.00	0.00
6	0.688	5.22	310	0.18	0.07	0.032	22.461	0.06	0.01	56.0	25.86	679.98	52	24.01	486.39	12	5.54	5.54
7	0.740	5.03	340	0.19	0.03	0.015	22.476	0.00	0.03	63.0	31.29	711.27	49	24.34	510.73	9	4.47	10.01
8	0.652	4.68	379	0.22	0.07	0.031	22.507	0.01	0.06	87.0	38.07	749.34	50	21.88	532.61	1	0.44	10.45
9	0.703	4.42	331	0.31	0.02	0.009	22.516	0.01	0.01	120.0	56.62	805.96	62	29.25	561.86	0	0.00	10.45
10	0.725	3.59	445	0.63	1.15	0.560	23.076	0.27	0.88	140.0	68.12	874.08	127	61.80	623.65	0	0.00	10.45
11	0.739	3.24	353	0.95	0.98	0.486	23.562	0.15	0.83	730.0	362.06	1236.14	194	96.22	719.87	0	0.00	10.45
12	0.696	3.59	526	0.51	2.44	1.140	24.702	0.23	2.21	200.0	93.42	1329.56	95	44.38	764.25	0	0.00	10.45
13	0.713	3.05	549	0.53	2.20	1.053	25.755	0.20	2.00	200.0	95.70	1425.26	99	47.37	811.62	0	0.00	10.45
14	0.726	3.16	569	0.59	3.55	1.730	27.485	0.16	3.39	310.0	151.05	1576.31	113	55.06	866.68	0	0.00	10.45
15	0.719	3.27	554	0.68	4.45	2.147	29.632	0.26	4.19	230.0	110.99	1687.30	140	67.56	934.24	0	0.00	10.45
16	0.706	3.11	566	0.72	6.95	3.293	32.925	0.28	6.67	270.0	127.93	1815.23	136	64.44	998.68	0	0.00	10.45
17	0.670	3.10	549	0.69	5.25	2.361	35.286	0.28	4.97	230.0	103.42	1918.65	125	56.21	1054.89	0	0.00	10.45
18	0.697	3.08	568	0.64	6.05	2.830	38.116	0.21	5.84	220.0	102.91	2021.56	126	58.94	1113.83	0	0.00	10.45
19	0.716	3.00	573	0.80	7.50	3.604	41.720	0.28	7.22	220.0	105.72	2127.28	150	72.08	1185.91	0	0.00	10.45
20	0.671	3.04	542	0.69	4.80	2.162	43.882	0.19	4.61	180.0	81.06	2208.34	123	55.39	1241.30	0	0.00	10.45
21	0.698	2.82	582	1.09	10.45	4.895	48.777	0.51	9.94	280.0	131.17	2339.51	227	106.34	1347.64	0	0.00	10.45
22	0.673	2.84	588	1.02	9.45	4.268	53.045	0.42	9.03	270.0	121.95	2461.46	206	93.05	1440.69	0	0.00	10.45
23	0.661	2.71	598	1.34	20.90	9.272	62.317	0.68	20.22	350.0	155.27	2616.73	286	126.88	1567.56	0	0.00	10.45
24	0.617	2.75	599	1.30	20.10	8.323	70.640	0.61	19.49	410.0	169.78	2786.51	266	110.15	1677.71	0	0.00	10.45
25	0.639	2.67	595	1.28	24.50	10.507	81.147	0.63	23.87	450.0	192.99	2979.50	288	123.51	1801.22	0	0.00	10.45
26	0.670	2.65	592	1.40	33.60	15.109	96.256	0.95	32.65	540.0	242.82	3222.32	347	156.03	1957.26	0	0.00	10.45
27	0.647	2.66	600	1.35	29.80	12.940	109.196	0.86	28.94	570.0	247.51	3469.83	293	127.23	2084.49	0	0.00	10.45
28	0.650	2.64	609	1.39	32.20	14.047	123.243	0.91	31.29	460.0	200.67	3670.50	315	137.42	2221.90	0	0.00	10.45
29	0.654	2.62	594	1.53	39.00	17.118	140.361	0.97	38.03	540.0	237.02	3907.52	347	152.31	2374.21	0	0.00	10.45
30	0.639	2.62	605	1.64	38.20	16.382	156.743	0.97	37.23	480.0	205.85	4113.37	340	145.81	2520.02	0	0.00	10.45
31	0.646	2.63	561	1.37	33.20	14.394	171.137	1.26	31.94	470.0	203.77	4317.14	287	124.43	2644.45	0	0.00	10.45
32	0.638	2.64	578	1.43	31.80	13.616	184.753	1.09	30.71	340.0	145.58	4462.72	278	119.04	2763.49	0	0.00	10.45
33	0.650	2.58	601	1.61	45.20	19.718	204.471	1.18	44.02	440.0	191.95	4654.67	353	153.99	2917.48	0	0.00	10.45
34	0.661	2.57	599	1.59	43.60	19.342	223.813	1.25	42.35	380.0	168.58	4823.25	342	151.72	3069.20	0	0.00	10.45
35	0.657	2.61	578	1.06	41.60	18.343	242.156	1.15	40.45	370.0	163.15	4986.40	314	138.46	3207.66	0	0.00	10.45
36	0.670	2.57	584	1.12	48.20	21.674	263.830	1.60	46.60	410.0	184.36	5170.76	327	147.04	3354.70	0	0.00	10.45
37	0.682	2.61	582	1.06	44.60	20.414	284.244	1.49	43.11	330.0	151.05	5321.81	304	139.15	3493.84	0	0.00	10.45
38	0.645	2.55	611	1.12	48.60	21.038	305.282	1.12	47.48	280.0	121.21	5443.02	335	145.02	3638.86	0	0.00	10.45
39	0.670	2.57	588	1.16	53.80	24.192	329.474	1.62	52.18	540.0	242.82	5685.84	340	152.89	3791.74	0	0.00	10.45
40	0.649	2.61	564	1.04	52.20	22.737	352.211	24.80	27.40	300.0	130.67	5816.51	308	134.16	3925.90	0	0.00	10.45
41	0.679	2.63	569	1.04	44.20	20.142	372.353	6.60	37.60	220.0	100.26	5916.77	282	128.51	4054.41	0	0.00	10.45
42	0.748	2.67	560	0.99	45.60	22.892	395.245	9.40	36.20	220.0	110.44	6027.21	261	131.03	4185.44	0	0.00	10.45
43	0.692	2.62	558	0.96	43.80	20.342	415.587	5.40	38.40	320.0	148.62	6175.83	270	125.40	4310.83	0	0.00	10.45
44	0.744	2.60	548	0.97	46.20	23.069	438.656	9.00	37.20	340.0	169.77	6345.60	280	139.81	4450.64	0	0.00	10.45
45	0.739	2.67	521	0.28	43.40	21.525	460.181	12.00	31.40	290.0	143.83	6489.43	265	131.43	4582.08	0	0.00	10.45
46	0.665	2.63	588	1.43	44.40	19.816	479.997	2.80	41.60	350.0	156.21	6645.64	298	133.00	4715.08	0	0.00	10.45
47	0.661	2.60	609	1.69	44.20	19.608	499.605	2.60	41.60	580.0	257.30	6902.94	339	150.39	4865.47	0	0.00	10.45
48	0.677	2.58	568	1.46	43.80	19.901	519.506	5.40	38.40	350.0	159.03	7061.97	317	144.03	5009.50	0	0.00	10.45
49	0.651	2.55	578	1.70	53.80	23.506	543.012	2.05	51.75	600.0	262.15	7324.12	368	160.78	5170.28	0	0.00	10.45
50	0.648	2.57	568	1.55	51.20	22.267	565.279	2.95	48.25	360.0	156.56	7480.68	346	150.48	5320.76	0	0.00	10.45
51	0.662	2.57	574	1.56	51.40	22.837	588.116	1.95	49.45	380.0	168.83	7649.51	322	143.06	5463.82	0	0.00	10.45
52	0.669	2.56	575	1.77	53.20	23.886	612.002	4.20	49.00	300.0	134.70	7784.21	338	151.76	5615.58	0	0.00	10.45
53	0.648	2.56	593	1.91	55.80	24.267	636.269	1.90	53.90	390.0	169.61	7953.82	353	153.52	5769.10	0	0.00	10.45
54	0.666	2.54	569	1.78	59.50	26.595	662.864	4.31	55.19	410.0	183.26	8137.08	374	167.17	5936.27	0	0.00	10.45
55	0.674	2.56	581	1.53	59.00	26.689	689.553	2.90	56.10	420.0	189.99							

Table 17 . - Humidity Cell Analytical Results, SRK 0858

(1.4900 Kg)

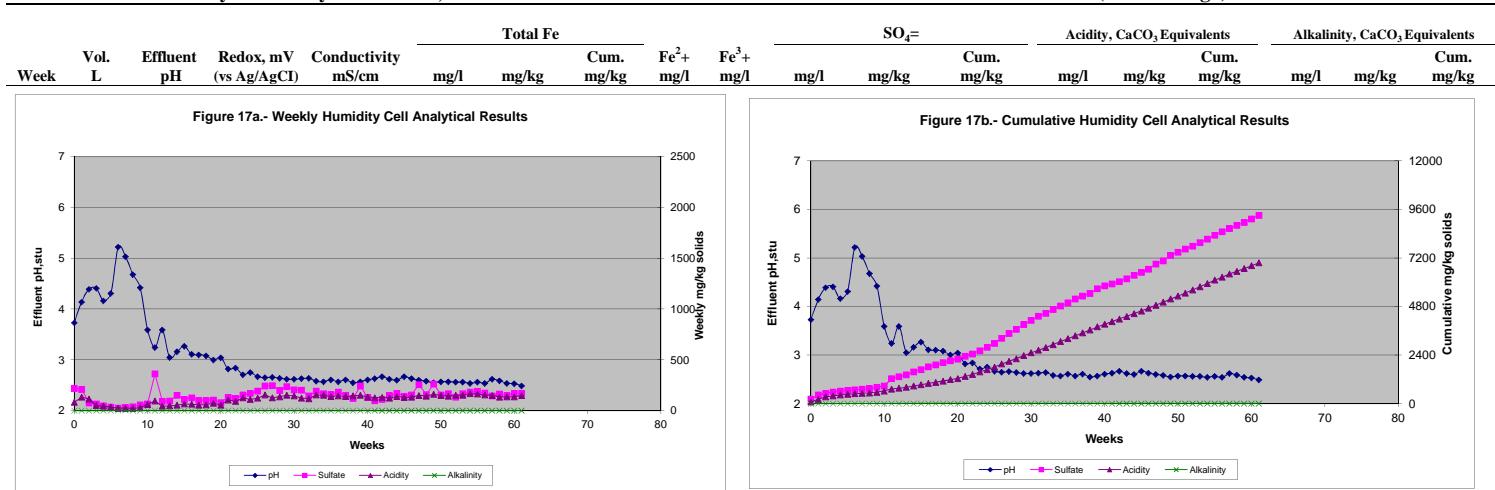


Table 18 . - Humidity Cell Analytical Results, SRK 0864

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.682	7.77	210	0.54	0.00	0.000	0.000	0.00	0.00	210.0	95.48	95.48	0	0.00	0.00	38	17.28	17.28
1	0.665	7.43	138	0.67	0.00	0.000	0.000	0.00	0.00	350.0	155.17	250.65	0	0.00	0.00	30	13.30	30.58
2	0.724	7.72	210	0.33	0.00	0.000	0.000	0.00	0.00	140.0	67.57	318.22	0	0.00	0.00	33	16.12	46.70
3	0.725	7.97	108	0.19	0.01	0.005	0.005	0.01	0.00	39.0	18.85	337.07	0	0.00	0.00	40	19.33	66.03
4	0.704	8.11	130	0.17	0.01	0.005	0.010	0.00	0.01	17.0	7.98	345.05	0	0.00	0.00	36	16.90	82.93
5	0.606	8.01	187	0.16	0.00	0.000	0.010	0.00	0.00	12.0	4.85	349.90	0	0.00	0.00	28	11.31	94.24
6	0.747	7.94	121	0.16	0.00	0.000	0.010	0.00	0.00	9.7	4.83	354.73	0	0.00	0.00	35	17.43	111.67
7	0.740	7.83	193	0.17	0.00	0.000	0.010	0.00	0.00	6.8	3.35	358.08	0	0.00	0.00	34	16.77	128.44
8	0.692	7.81	234	0.16	0.00	0.000	0.010	0.00	0.00	6.5	3.00	361.08	0	0.00	0.00	27	12.46	140.90
9	0.684	7.86	176	0.17	0.00	0.000	0.010	0.00	0.00	7.6	3.47	364.55	0	0.00	0.00	29	13.22	154.12
10	0.692	7.55	286	0.17	0.00	0.000	0.010	0.00	0.00	9.1	4.20	368.75	0	0.00	0.00	28	12.92	167.04
11	0.748	7.83	165	0.16	0.00	0.000	0.010	0.00	0.00	9.3	4.64	373.39	0	0.00	0.00	31	15.46	182.50
12	0.671	7.61	273	0.15	0.00	0.000	0.010	0.00	0.00	7.1	3.18	376.57	0	0.00	0.00	23	10.29	192.79
13	0.701	7.61	210	0.15	0.01	0.005	0.015	0.01	0.00	6.9	3.22	379.79	0	0.00	0.00	24	11.22	204.01
14	0.671	7.70	163	0.15	0.01	0.004	0.019	0.00	0.01	6.4	2.86	382.65	0	0.00	0.00	24	10.74	214.75
15	0.723	7.39	167	0.16	0.02	0.010	0.029	0.01	0.01	6.5	3.13	385.78	0	0.00	0.00	30	14.46	229.21
16	0.729	7.76	304	0.16	0.00	0.000	0.029	0.00	0.00	5.4	2.62	388.40	0	0.00	0.00	30	14.58	243.79
17	0.693	7.89	384	0.15	0.02	0.009	0.038	0.00	0.02	5.3	2.45	390.85	0	0.00	0.00	28	12.94	256.73
18	0.679	7.94	391	0.15	0.00	0.000	0.038	0.00	0.00	4.9	2.22	393.07	0	0.00	0.00	29	13.13	269.86
19	0.699	7.90	378	0.16	0.00	0.000	0.038	0.00	0.00	4.5	2.10	395.17	0	0.00	0.00	31	14.45	284.31
20	0.702	7.94	148	0.15	0.01	0.005	0.043	0.01	0.00	4.4	2.06	397.23	0	0.00	0.00	29	13.57	297.88
21	0.736	8.00	210	0.16	0.01	0.005	0.048	0.00	0.01	4.6	2.26	399.49	0	0.00	0.00	31	15.21	313.09
22	0.661	7.96	218	0.15	0.02	0.009	0.057	0.00	0.02	3.8	1.67	401.16	0	0.00	0.00	25	11.02	324.11
23	0.620	7.94	189	0.15	0.02	0.008	0.065	0.01	0.01	3.5	1.45	402.61	0	0.00	0.00	23	9.51	333.62
24	0.735	7.81	209	0.16	0.02	0.010	0.075	0.01	0.01	4.0	1.96	404.57	0	0.00	0.00	28	13.72	347.34
25	0.758	7.86	215	0.16	0.01	0.005	0.080	0.00	0.01	3.8	1.92	406.49	0	0.00	0.00	30	15.16	362.50
26	0.647	7.88	250	0.15	0.01	0.004	0.084	0.00	0.01	3.2	1.38	407.87	0	0.00	0.00	23	9.92	372.42
27	0.606	7.84	226	0.15	0.06	0.024	0.108	0.02	0.04	4.6	1.86	409.73	0	0.00	0.00	23	9.29	381.71
28	0.644	7.82	227	0.16	0.01	0.004	0.112	0.01	0.00	3.2	1.37	411.10	0	0.00	0.00	25	10.73	392.44
29	0.714	7.87	215	0.17	0.02	0.010	0.122	0.01	0.01	3.5	1.67	412.77	0	0.00	0.00	30	14.28	406.72
30	0.696	7.77	219	0.17	0.02	0.009	0.131	0.00	0.02	2.6	1.21	413.98	0	0.00	0.00	24	11.14	417.86
31	0.646	7.79	222	0.16	0.00	0.000	0.131	0.00	0.00	3.4	1.46	415.44	0	0.00	0.00	20	8.61	426.47
32	0.608	7.87	215	0.16	0.02	0.008	0.139	0.01	0.01	2.1	0.85	416.29	0	0.00	0.00	22	8.92	435.39
33	0.650	7.90	203	0.16	0.01	0.004	0.143	0.00	0.01	2.1	0.91	417.20	0	0.00	0.00	30	13.00	448.39
34	0.709	7.93	221	0.17	0.03	0.014	0.157	0.00	0.03	12.0	5.67	422.87	0	0.00	0.00	34	16.07	464.46
35	0.696	7.81	235	0.14	0.04	0.019	0.176	0.00	0.04	1.6	0.74	423.61	0	0.00	0.00	29	13.46	477.92
36	0.668	7.88	229	0.14	0.03	0.013	0.189	0.00	0.03	1.7	0.76	424.37	0	0.00	0.00	31	13.81	491.73
37	0.710	7.79	250	0.14	0.00	0.000	0.189	0.00	0.00	1.9	0.90	425.27	0	0.00	0.00	30	14.20	505.93
38	0.681	7.90	235	0.14	0.00	0.000	0.189	0.00	0.00	1.7	0.77	426.04	0	0.00	0.00	33	14.98	520.91
39	0.667	7.73	281	0.14	0.03	0.013	0.202	0.01	0.02	1.9	0.84	426.88	0	0.00	0.00	29	12.90	533.81
40	0.737	7.76	262	0.14	0.04	0.020	0.222	0.00	0.04	1.4	0.69	427.57	0	0.00	0.00	30	14.74	548.55
41	0.674	7.79	269	0.14	0.01	0.004	0.226	0.01	0.00	1.2	0.54	428.11	0	0.00	0.00	27	12.13	560.68
42	0.669	7.79	267	0.14	0.04	0.018	0.244	0.02	0.02	1.2	0.54	428.65	0	0.00	0.00	26	11.60	572.28
43	0.588	7.78	244	0.13	0.02	0.008	0.252	0.00	0.02	1.6	0.63	429.28	0	0.00	0.00	24	9.41	581.69
44	0.685	7.71	276	0.13	0.05	0.023	0.275	0.02	0.03	2.1	0.96	430.24	0	0.00	0.00	24	10.96	592.65

Test Terminated

Figure 18a.- Weekly Humidity Cell Analytical Results

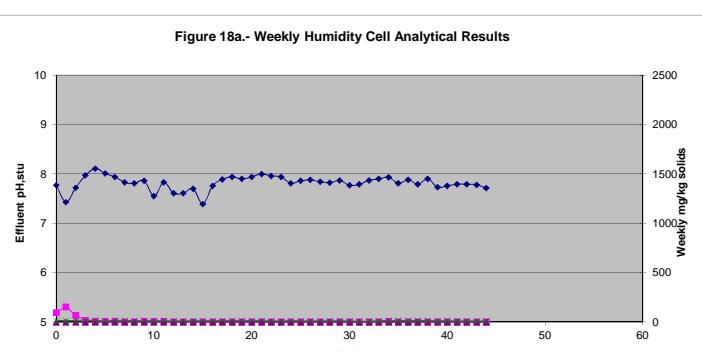


Figure 18b.- Cumulative Humidity Cell Analytical Results

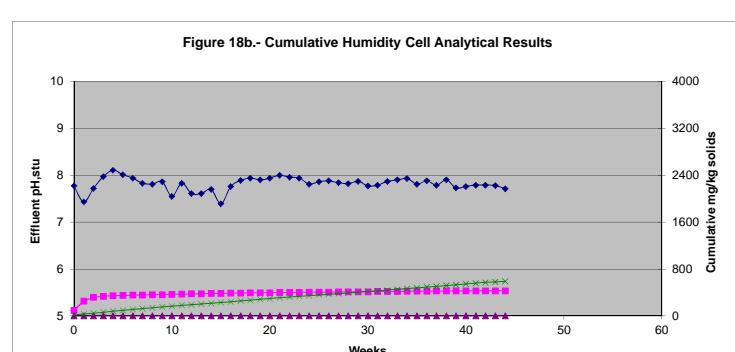


Table 19 . - Humidity Cell Analytical Results, SRK 0866

(1,4900 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg			
0	0.698	7.36	216	0.34	0.00	0.000	0.000	0.00	0.00	87.0	40.76	40.76	0	0.00	0.00	26	12.18	12.18
1	0.689	7.69	173	0.35	0.01	0.005	0.005	0.00	0.01	130.0	60.11	100.87	0	0.00	0.00	20	9.25	21.43
2	0.736	7.77	222	0.19	0.00	0.000	0.005	0.00	0.00	53.0	26.18	127.05	0	0.00	0.00	26	12.84	34.27
3	0.762	7.66	191	0.16	0.02	0.010	0.015	0.00	0.02	17.0	8.69	135.74	0	0.00	0.00	27	13.81	48.08
4	0.728	7.72	204	0.16	0.02	0.010	0.025	0.01	0.01	13.0	6.35	142.09	0	0.00	0.00	25	12.21	60.29
5	0.714	7.73	184	0.15	0.00	0.000	0.025	0.00	0.00	9.0	4.31	146.40	0	0.00	0.00	21	10.06	70.35
6	0.731	7.78	111	0.16	0.03	0.015	0.040	0.00	0.03	14.0	6.87	153.27	0	0.00	0.00	22	10.79	81.14
7	0.722	7.64	186	0.17	0.00	0.000	0.040	0.00	0.00	22.0	10.66	163.93	0	0.00	0.00	21	10.18	91.32
8	0.752	7.49	238	0.18	0.00	0.000	0.040	0.00	0.00	36.0	18.17	182.10	0	0.00	0.00	15	7.57	98.89
9	0.729	7.57	187	0.19	0.00	0.000	0.040	0.00	0.00	45.0	22.02	204.12	1	0.49	0.49	13	6.36	105.25
10	0.739	7.38	280	0.19	0.00	0.000	0.040	0.00	0.00	45.0	22.32	226.44	3	1.49	1.98	11	5.46	110.71
11	0.754	7.69	168	0.18	0.00	0.000	0.040	0.00	0.00	43.0	21.76	248.20	4	2.02	4.00	13	6.58	117.29
12	0.712	7.16	288	0.17	0.01	0.005	0.045	0.00	0.01	34.0	16.25	264.45	4	1.91	5.91	10	4.78	122.07
13	0.728	6.91	289	0.16	0.01	0.005	0.050	0.00	0.01	30.0	14.66	279.11	4	1.95	7.87	10	4.89	126.96
14	0.742	7.05	234	0.16	0.00	0.000	0.050	0.00	0.00	28.0	13.94	293.05	0	0.00	7.87	10	4.98	131.94
15	0.752	7.22	259	0.16	0.00	0.000	0.050	0.00	0.00	26.0	13.12	306.17	14	7.07	14.93	11	5.55	137.49
16	0.745	7.26	343	0.16	0.02	0.010	0.060	0.01	0.01	24.0	12.00	318.17	0	0.00	14.93	10	5.00	142.49
17	0.740	7.46	377	0.16	0.01	0.005	0.065	0.00	0.01	22.0	10.93	329.10	0	0.00	14.93	9	4.47	146.96
18	0.743	7.66	409	0.15	0.00	0.000	0.065	0.00	0.00	24.0	11.97	341.07	2	1.00	15.93	8	3.99	150.95
19	0.729	7.18	400	0.16	0.02	0.010	0.075	0.00	0.02	22.0	10.76	351.83	2	0.98	16.91	8	3.91	154.86
20	0.739	7.93	247	0.16	0.01	0.005	0.080	0.00	0.01	22.0	10.91	362.74	4	1.98	18.89	8	3.97	158.83
21	0.779	7.24	270	0.16	0.00	0.000	0.080	0.00	0.00	23.0	12.02	374.76	17	8.89	27.78	8	4.18	163.01
22	0.698	7.23	254	0.15	0.00	0.000	0.080	0.00	0.00	20.0	9.37	384.13	14	6.56	34.34	7	3.28	166.29
23	0.715	7.11	234	0.16	0.01	0.005	0.085	0.01	0.00	21.0	10.08	394.21	4	1.92	36.26	7	3.36	169.65
24	0.728	7.69	297	0.16	0.01	0.005	0.090	0.00	0.01	22.0	10.75	404.96	35	17.10	53.36	7	3.42	173.07
25	0.731	6.98	233	0.15	0.07	0.034	0.124	0.00	0.07	18.0	8.83	413.79	6	2.94	56.30	8	3.92	176.99
26	0.723	7.00	302	0.15	0.01	0.005	0.129	0.00	0.01	18.0	8.73	422.52	3	1.46	57.76	6	2.91	179.90
27	0.727	7.09	260	0.15	0.02	0.010	0.139	0.00	0.02	18.0	8.78	431.30	1	0.49	58.25	6	2.93	182.83
28	0.743	6.90	262	0.15	0.02	0.010	0.149	0.02	0.00	16.0	7.98	439.28	2	1.00	59.24	6	2.99	185.82
29	0.715	7.19	262	0.15	0.02	0.010	0.159	0.00	0.02	16.0	7.68	446.96	3	1.44	60.68	7	3.36	189.18
30	0.717	7.19	246	0.15	0.00	0.000	0.159	0.00	0.00	15.0	7.22	454.18	3	1.44	62.13	7	3.37	192.55
31	0.742	7.13	239	0.15	0.04	0.020	0.179	0.00	0.04	15.0	7.47	461.65	4	1.99	64.12	6	2.99	195.54
32	0.730	6.90	254	0.15	0.00	0.000	0.179	0.00	0.00	13.0	6.37	468.02	1	0.49	64.61	5	2.45	197.99
33	0.686	7.12	234	0.15	0.00	0.000	0.179	0.00	0.00	12.0	5.52	473.54	2	0.92	65.53	6	2.76	200.75
34	0.712	7.17	265	0.15	0.00	0.000	0.179	0.00	0.00	12.0	5.73	479.27	1	0.48	66.01	6	2.87	203.62
35	0.705	6.69	282	0.13	0.02	0.009	0.188	0.00	0.02	10.0	4.73	484.00	2	0.95	66.95	5	2.37	205.99
36	0.705	6.89	284	0.13	0.00	0.000	0.188	0.00	0.00	10.0	4.73	488.73	1	0.47	67.43	5	2.37	208.36
37	0.708	6.89	282	0.12	0.01	0.005	0.193	0.00	0.01	7.8	3.71	492.44	0	0.00	67.43	6	2.85	211.21
38	0.734	6.81	272	0.12	0.04	0.020	0.213	0.02	0.02	7.5	3.69	496.13	2	0.99	68.41	6	2.96	214.17
39	0.736	6.77	321	0.12	0.02	0.010	0.223	0.02	0.00	8.0	3.95	500.08	1	0.49	68.91	6	2.96	217.13
40	0.651	6.83	309	0.11	0.01	0.004	0.227	0.01	0.00	5.5	2.40	502.48	2	0.87	69.78	5	2.18	219.31
41	0.645	6.99	313	0.12	0.03	0.013	0.240	0.01	0.02	5.6	2.42	504.90	0	0.00	69.78	6	2.60	221.91
42	0.720	6.88	319	0.12	0.04	0.019	0.259	0.03	0.01	5.4	2.61	507.51	1	0.48	70.26	5	2.42	224.33
43	0.585	6.74	300	0.11	0.02	0.008	0.267	0.02	0.00	6.2	2.43	509.94	2	0.79	71.05	4	1.57	225.90
44	0.646	6.49	304	0.12	0.03	0.013	0.280	0.01	0.02	6.9	2.99	512.93	1	0.43	71.48	3	1.30	227.20

Test Terminated

Figure 19a.- Weekly Humidity Cell Analytical Results

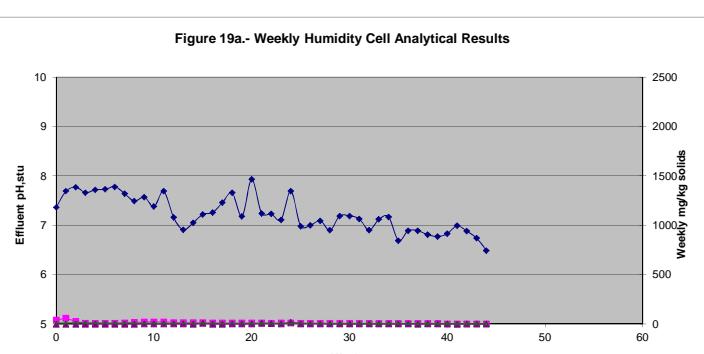
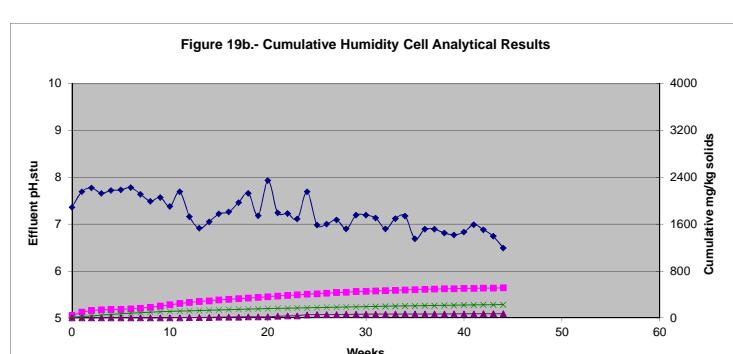


Figure 19b.- Cumulative Humidity Cell Analytical Results



New Mexico Copper Corp.
MLI Job No. 3438

Table 20 . - Humidity Cell Analytical Results, SRK 0867

(1.4900 Kg)

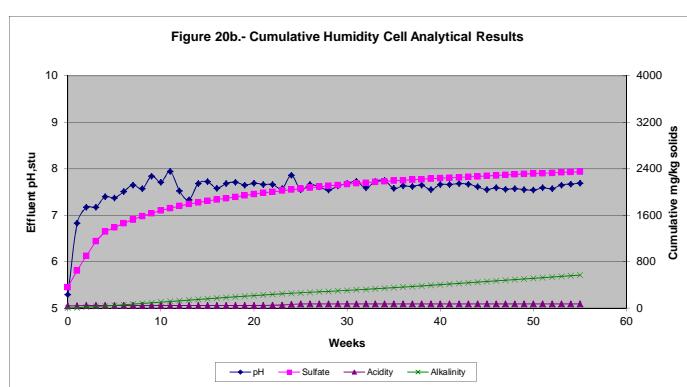
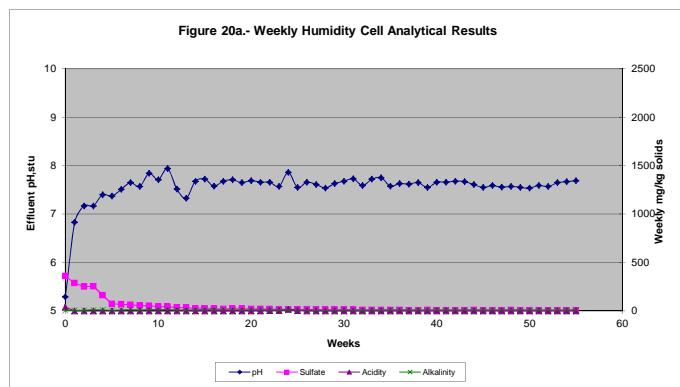
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	
0	0.689	5.29	248	0.99	4.26	1,970	1,970	0.50	3.76	780.0	360.68	360.68	88	40.69	40.69	6	2.77	2.77
1	0.678	6.83	261	1.01	0.02	0.009	1,979	0.01	0.01	630.0	286.67	647.35	4	1.82	42.51	14	6.37	9.14
2	0.659	7.17	232	0.90	0.04	0.018	1,997	0.01	0.03	570.0	252.10	899.45	4	1.59	44.11	17	7.65	16.79
3	0.747	7.17	243	0.93	0.08	0.040	2,037	0.01	0.07	510.0	255.68	1155.13	0	0.00	44.11	24	12.03	28.82
4	0.695	7.40	214	0.69	0.03	0.014	2,051	0.00	0.03	350.0	163.26	1318.39	2	0.93	45.04	20	9.33	38.15
5	0.642	7.37	193	0.42	0.00	0.000	2,051	0.00	0.00	170.0	73.25	1391.64	4	1.72	46.76	20	8.62	46.77
6	0.688	7.51	115	0.36	0.00	0.000	2,051	0.00	0.00	150.0	69.26	1460.90	2	0.92	47.68	20	9.23	56.00
7	0.736	7.65	184	0.33	0.00	0.000	2,051	0.00	0.00	130.0	64.21	1525.11	0	0.00	47.68	26	12.84	68.84
8	0.697	7.57	238	0.31	0.01	0.005	2,056	0.00	0.01	120.0	56.13	1581.24	0	0.00	47.68	24	11.23	80.07
9	0.712	7.84	170	0.30	0.00	0.000	2,056	0.00	0.00	110.0	52.56	1633.80	0	0.00	47.68	26	12.42	92.49
10	0.722	7.71	251	0.30	0.00	0.000	2,056	0.00	0.00	96.0	46.52	1680.32	0	0.00	47.68	25	12.11	104.60
11	0.749	7.94	154	0.28	0.00	0.000	2,056	0.00	0.00	84.0	42.23	1722.55	0	0.00	47.68	30	15.08	119.68
12	0.717	7.52	249	0.24	0.01	0.005	2,061	0.00	0.01	76.0	36.57	1759.12	0	0.00	47.68	24	11.55	131.23
13	0.749	7.33	248	0.22	0.01	0.005	2,066	0.00	0.01	64.0	32.17	1791.29	0	0.00	47.68	22	11.06	142.29
14	0.664	7.68	158	0.22	0.01	0.004	2,070	0.00	0.01	62.0	27.63	1818.92	1	0.45	48.13	20	8.91	151.20
15	0.747	7.72	209	0.21	0.04	0.020	2,090	0.00	0.04	57.0	28.58	1847.50	0	0.00	48.13	25	12.53	163.73
16	0.709	7.58	322	0.20	0.03	0.014	2,104	0.00	0.03	50.0	23.79	1871.29	0	0.00	48.13	24	11.42	175.15
17	0.692	7.68	359	0.19	0.00	0.000	2,104	0.00	0.00	46.0	21.36	1892.65	0	0.00	48.13	21	9.75	184.90
18	0.675	7.71	379	0.19	0.00	0.000	2,104	0.00	0.00	50.0	22.65	1915.30	0	0.00	48.13	20	9.06	193.96
19	0.715	7.65	373	0.20	0.00	0.000	2,104	0.00	0.00	50.0	23.99	1939.29	0	0.00	48.13	25	12.00	205.96
20	0.676	7.69	248	0.20	0.03	0.014	2,118	0.00	0.03	48.0	21.78	1961.07	0	0.00	48.13	20	9.07	215.03
21	0.742	7.66	224	0.20	0.00	0.000	2,118	0.00	0.00	44.0	21.91	1982.98	0	0.00	48.13	25	12.45	227.48
22	0.693	7.66	204	0.20	0.02	0.009	2,127	0.00	0.02	43.0	20.00	2002.98	6	2.79	50.92	23	10.70	238.18
23	0.681	7.57	230	0.20	0.01	0.005	2,132	0.01	0.00	40.0	18.28	2021.26	6	2.74	53.66	22	10.06	248.24
24	0.728	7.86	224	0.18	0.02	0.010	2,142	0.01	0.01	37.0	18.08	2039.34	33	16.12	69.79	16	7.82	256.06
25	0.625	7.55	195	0.19	0.00	0.000	2,142	0.00	0.00	42.0	17.62	2056.96	13	5.45	75.24	19	7.97	264.03
26	0.682	7.66	279	0.19	0.00	0.000	2,142	0.00	0.00	36.0	16.48	2073.44	0	0.00	75.24	21	9.61	273.64
27	0.670	7.61	236	0.18	0.01	0.004	2,146	0.00	0.01	38.0	17.09	2090.53	0	0.00	75.24	18	8.09	281.73
28	0.677	7.54	225	0.18	0.02	0.009	2,155	0.00	0.02	32.0	14.54	2105.07	0	0.00	75.24	17	7.72	289.45
29	0.626	7.63	231	0.18	0.02	0.008	2,163	0.01	0.01	35.0	14.70	2119.77	0	0.00	75.24	19	7.98	297.43
30	0.691	7.68	221	0.19	0.03	0.014	2,177	0.03	0.00	31.0	14.38	2134.15	0	0.00	75.24	22	10.20	307.63
31	0.688	7.73	215	0.18	0.02	0.009	2,186	0.00	0.02	31.0	14.31	2148.46	0	0.00	75.24	18	8.31	315.94
32	0.611	7.59	232	0.17	0.00	0.000	2,186	0.00	0.00	24.0	9.84	2158.30	0	0.00	75.24	16	6.56	322.50
33	0.687	7.72	219	0.18	0.00	0.000	2,186	0.00	0.00	26.0	11.99	2170.29	0	0.00	75.24	21	9.68	332.18
34	0.695	7.75	240	0.18	0.00	0.000	2,186	0.00	0.00	24.0	11.19	2181.48	0	0.00	75.24	25	11.66	343.84
35	0.700	7.58	257	0.16	0.01	0.005	2,191	0.00	0.01	23.0	10.81	2192.29	0	0.00	75.24	21	9.87	353.71
36	0.688	7.63	249	0.16	0.02	0.009	2,200	0.00	0.02	22.0	10.16	2202.45	0	0.00	75.24	22	10.16	363.87
37	0.681	7.62	250	0.15	0.02	0.009	2,209	0.00	0.02	18.0	8.23	2210.68	0	0.00	75.24	22	10.06	373.93
38	0.656	7.65	250	0.15	0.00	0.000	2,209	0.00	0.00	19.0	8.37	2219.05	0	0.00	75.24	24	10.57	384.50
39	0.728	7.55	279	0.15	0.03	0.015	2,224	0.03	0.00	20.0	9.77	2228.82	0	0.00	75.24	23	11.24	395.74
40	0.690	7.66	263	0.15	0.04	0.019	2,243	0.00	0.04	17.0	7.87	2236.69	0	0.00	75.24	20	9.26	405.00
41	0.715	7.66	268	0.15	0.06	0.029	2,272	0.01	0.05	16.0	7.68	2244.37	0	0.00	75.24	25	12.00	417.00
42	0.706	7.68	278	0.15	0.04	0.019	2,291	0.01	0.03	15.0	7.11	2251.48	0	0.00	75.24	22	10.42	427.42
43	0.618	7.67	253	0.15	0.04	0.017	2,308	0.01	0.03	19.0	7.88	2259.36	0	0.00	75.24	23	9.54	436.96
44	0.713	7.61	267	0.14	0.02	0.010	2,318	0.01	0.01	19.0	9.09	2268.45	0	0.00	75.24	22	10.53	447.49
45	0.657	7.55	276	0.10	0.03	0.013	2,331	0.01	0.02	19.0	8.38	2276.83	0	0.00	75.24	24	10.58	458.07
46	0.683	7.59	246	0.10	0.01	0.005	2,336	0.00	0.01	17.0	7.79	2284.62	0	0.00	75.24	26	11.92	469.99
47	0.663	7.56	277	0.12	0.05	0.022	2,358	0.02	0.03	18.0	8.01	2292.63	0	0.00	75.24	27	12.01	482.00
48	0.800	7.57	252	0.09	0.03	0.016	2,374	0.01	0.02	18.0	9.66	2302.29	0	0.00	75.24	22	11.81	493.81
49	0.648	7.55	227	0.10	0.07	0.030	2,404	0.01	0.06	19.0	8.26	2310.55	0	0.00	75.24	20	8.70	502.51
50	0.677	7.54	237	0.10	0.06	0.027	2,431	0.01	0.05	13.0	5.91	2316.46	0	0.00	75.24	23	10.45	512.96
51	0.720	7.59	241	0.11	0.07	0.034	2,465	0.01	0.06	15.0	7.25	2323.71	0	0.00	75.24	23	11.11	524.07
52	0.721	7.57	262	0.11	0.08	0.039	2,504	0.01	0.07	10.0	4.84	2328.55	0	0.00	75.24	22	10.65	534.72
53	0.681	7.65	232	0.12	0.07	0.032	2,536	0.01	0.06	14.0	6.40	2334.95	0	0.00	75.24	23	10.51	545.23
54	0.688	7.67	261	0.12	0.05	0.023	2,559	0.01	0.04	12.0	5.54	2340.49	0	0.00	75.24	24	11.08	556.31
55	0.745	7.69	270	0.09	0.06	0.030	2,589	0.01	0.05	13.0	6.50	2346.99	0	0.00	75.24	24	12.00	568.31

Test Terminated

Table 20 . - Humidity Cell Analytical Results, SRK 0867

(1.4900 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents		
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	



New Mexico Copper Corp.
MLI Job No. 3438

Table 21 . - Humidity Cell Analytical Results, SRK 0872

(1,5000 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe			SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents				
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	Cum. mg/kg	
0	0.686	4.56	272	1.46	8.35	3.819	3.819	5.10	3.25	950.0	434.47	434.47	108	49.39	49.39	2	0.91	0.91
1	0.677	6.59	142	1.39	0.02	0.009	3.828	0.00	0.02	960.0	433.28	867.75	4	1.81	51.20	22	9.93	10.84
2	0.715	7.32	229	1.20	0.18	0.086	3.914	0.03	0.15	830.0	395.63	1263.38	1	0.48	51.67	21	9.91	20.75
3	0.696	7.20	262	1.10	0.03	0.014	3.928	0.00	0.03	630.0	292.32	1555.70	0	0.00	51.67	22	10.21	30.96
4	0.718	7.20	205	1.06	0.03	0.014	3.942	0.00	0.03	630.0	301.56	1857.26	4	1.92	53.59	21	10.05	41.01
5	0.656	7.24	232	0.81	0.08	0.035	3.977	0.00	0.08	460.0	201.17	2058.43	4	1.75	55.34	14	6.12	47.13
6	0.676	7.42	135	0.70	0.01	0.005	3.982	0.00	0.01	450.0	202.80	2261.23	5	2.25	57.59	14	6.31	53.44
7	0.741	7.47	183	0.78	0.00	0.000	3.982	0.00	0.00	450.0	222.30	2483.53	4	1.98	59.57	19	9.39	62.83
8	0.691	7.26	245	0.64	0.02	0.009	3.991	0.00	0.02	360.0	165.84	2649.37	2	0.92	60.49	11	5.07	67.90
9	0.704	7.41	196	0.64	0.00	0.000	3.991	0.00	0.00	310.0	145.49	2794.86	5	2.35	62.84	13	6.10	74.00
10	0.690	7.26	269	0.60	0.00	0.000	3.991	0.00	0.00	270.0	124.20	2919.06	2	0.92	63.76	13	5.98	79.98
11	0.746	7.64	180	0.54	0.00	0.000	3.991	0.00	0.00	240.0	119.36	3038.42	2	1.00	64.75	24	11.94	91.92
12	0.696	7.25	314	0.39	0.02	0.009	4.000	0.00	0.02	160.0	74.24	3112.66	6	2.78	67.53	15	6.96	98.88
13	0.684	7.10	242	0.29	0.01	0.005	4.005	0.01	0.00	110.0	50.16	3162.82	0	0.00	67.53	14	6.38	105.26
14	0.762	7.41	182	0.30	0.01	0.005	4.010	0.00	0.01	100.0	50.80	3213.62	0	0.00	67.53	21	10.67	115.93
15	0.719	7.37	285	0.26	0.02	0.010	4.020	0.02	0.00	84.0	40.26	3253.88	0	0.00	67.53	17	8.15	124.08
16	0.716	7.38	329	0.22	0.03	0.014	4.034	0.01	0.02	68.0	32.46	3286.34	0	0.00	67.53	18	8.59	132.67
17	0.704	7.49	356	0.21	0.00	0.000	4.034	0.00	0.00	61.0	28.63	3314.97	0	0.00	67.53	14	6.57	139.24
18	0.737	7.69	367	0.21	0.02	0.010	4.044	0.01	0.01	66.0	32.43	3347.40	0	0.00	67.53	19	9.34	148.58
19	0.754	7.41	375	0.22	0.02	0.010	4.054	0.01	0.01	64.0	32.17	3379.57	0	0.00	67.53	20	10.05	158.63
20	0.729	7.42	251	0.22	0.02	0.010	4.064	0.00	0.02	64.0	31.10	3410.67	0	0.00	67.53	20	9.72	168.35
21	0.756	7.36	268	0.23	0.01	0.005	4.069	0.00	0.01	66.0	33.26	3443.93	7	3.53	71.06	21	10.58	178.93
22	0.740	7.39	197	0.22	0.02	0.010	4.079	0.00	0.02	62.0	30.59	3474.52	1	0.49	71.56	20	9.87	188.80
23	0.758	7.37	226	0.23	0.04	0.020	4.099	0.02	0.02	60.0	30.32	3504.84	0	0.00	71.56	21	10.61	199.41
24	0.743	7.62	199	0.23	0.01	0.005	4.104	0.00	0.01	62.0	30.71	3535.55	0	0.00	71.56	22	10.90	210.31
25	0.733	7.40	162	0.21	0.04	0.020	4.124	0.02	0.02	57.0	27.85	3563.40	13	6.35	77.91	17	8.31	218.62
26	0.719	7.46	300	0.21	0.02	0.010	4.134	0.02	0.00	59.0	28.28	3591.68	0	0.00	77.91	17	8.15	226.77
27	0.740	7.39	251	0.21	0.02	0.010	4.144	0.01	0.01	60.0	29.60	3621.28	1	0.49	78.40	14	6.91	233.68
28	0.735	7.36	243	0.24	0.02	0.010	4.154	0.01	0.01	71.0	34.79	3656.07	0	0.00	78.40	14	6.86	240.54
29	0.677	7.34	234	0.20	0.03	0.014	4.168	0.02	0.01	53.0	23.92	3679.99	0	0.00	78.40	11	4.96	245.50
30	0.635	7.30	226	0.21	0.05	0.021	4.189	0.04	0.01	56.0	23.71	3703.70	0	0.00	78.40	11	4.66	250.16
31	0.782	7.43	192	0.24	0.05	0.026	4.215	0.02	0.03	66.0	34.41	3738.11	0	0.00	78.40	17	8.86	259.02
32	0.628	7.26	237	0.26	0.04	0.017	4.232	0.00	0.04	79.0	33.07	3771.18	0	0.00	78.40	10	4.19	263.21
33	0.787	7.44	228	0.24	0.00	0.000	4.232	0.00	0.00	66.0	34.63	3805.81	0	0.00	78.40	16	8.39	271.60
34	0.707	7.46	259	0.27	0.01	0.005	4.237	0.00	0.01	78.0	36.76	3842.57	0	0.00	78.40	18	8.48	280.08
35	0.724	7.28	277	0.20	0.05	0.024	4.261	0.03	0.02	84.0	40.54	3883.11	0	0.00	78.40	13	6.27	286.35
36	0.742	7.35	268	0.19	0.04	0.020	4.281	0.01	0.03	65.0	32.15	3915.26	0	0.00	78.40	20	9.89	296.24
37	0.745	7.25	283	0.18	0.02	0.010	4.291	0.00	0.02	62.0	30.79	3946.05	0	0.00	78.40	22	10.93	307.17
38	0.745	7.29	264	0.18	0.05	0.025	4.316	0.02	0.03	59.0	29.30	3975.35	0	0.00	78.40	21	10.43	317.60
39	0.718	7.25	296	0.18	0.05	0.024	4.340	0.04	0.01	59.0	28.24	4003.59	0	0.00	78.40	23	11.01	328.61
40	0.767	7.35	289	0.17	0.03	0.015	4.355	0.02	0.01	50.0	25.57	4029.16	0	0.00	78.40	23	11.76	340.37
41	0.734	7.28	296	0.17	0.06	0.029	4.384	0.03	0.03	48.0	23.49	4052.65	0	0.00	78.40	20	9.79	350.16
42	0.766	7.36	298	0.17	0.05	0.026	4.410	0.01	0.04	42.0	21.45	4074.10	0	0.00	78.40	18	9.19	359.35
43	0.696	7.32	263	0.17	0.08	0.037	4.447	0.03	0.05	50.0	23.20	4097.30	0	0.00	78.40	18	8.35	367.70
44	0.778	7.21	283	0.16	0.04	0.021	4.468	0.03	0.01	48.0	24.90	4122.20	0	0.00	78.40	12	6.22	373.92
45	0.707	7.11	295	0.21	0.04	0.019	4.487	0.04	0.00	52.0	24.51	4146.71	0	0.00	78.40	12	5.66	379.58
46	0.735	7.28	263	0.15	0.04	0.020	4.507	0.00	0.04	47.0	23.03	4169.74	0	0.00	78.40	17	8.33	387.91
47	0.776	7.24	301	0.16	0.02	0.010	4.517	0.01	0.01	42.0	21.73	4191.47	0	0.00	78.40	17	8.79	396.70
48	0.682	7.24	277	0.14	0.06	0.027	4.544	0.04	0.02	45.0	20.46	4211.93	0	0.00	78.40	12	5.46	402.16
49	0.819	7.32	230	0.15	0.04	0.022	4.566	0.01	0.03	40.0	21.84	4233.77	0	0.00	78.40	19	10.37	412.53
50	0.740	7.28	249	0.12	0.05	0.025	4.591	0.03	0.02	38.0	18.75	4252.52	0	0.00	78.40	10	4.93	417.46
51	0.727	7.10	263	0.21	0.07	0.034	4.625	0.03	0.04	39.0	18.90	4271.42	0	0.00	78.40	9	4.36	421.82
52	0.738	7.16	285	0.14	0.03	0.015	4.640	0.02	0.01	33.0	16.24	4287.66	0	0.00	78.40	10	4.92	426.74
53	0.649	7.22	244	0.13	0.05	0.022	4.662	0.04	0.01	35.0	15.14	4302.80	0	0.00	78.40	9	3.89	430.63
54	0.754	7.34	273	0.20	0.09	0.045	4.707	0.03	0.06	51.0	25.64	4328.44	0	0.00	78.40	14	7.04	437.67
55	0.734	7.27	286	0.21	0.09	0.044	4.751	0.03	0.06	42.0	20.55	4348.99	0	0.00	78.40	12	5.87	443.54
56	0.708	7.34	270	0.13	0.11	0.052	4.803	0.02	0.09	41.0	19.35	4368.34	0	0.00	78.40	14	6.61	450.15
57	0.703	7.45	269	0.14	0.08	0.037	4.840	0.03	0.05	34.0	15.93	4384.27	0	0.00	78.40	19	8.90	459.05

Table 21 . - Humidity Cell Analytical Results, SRK 0872

(1,5000 Kg)

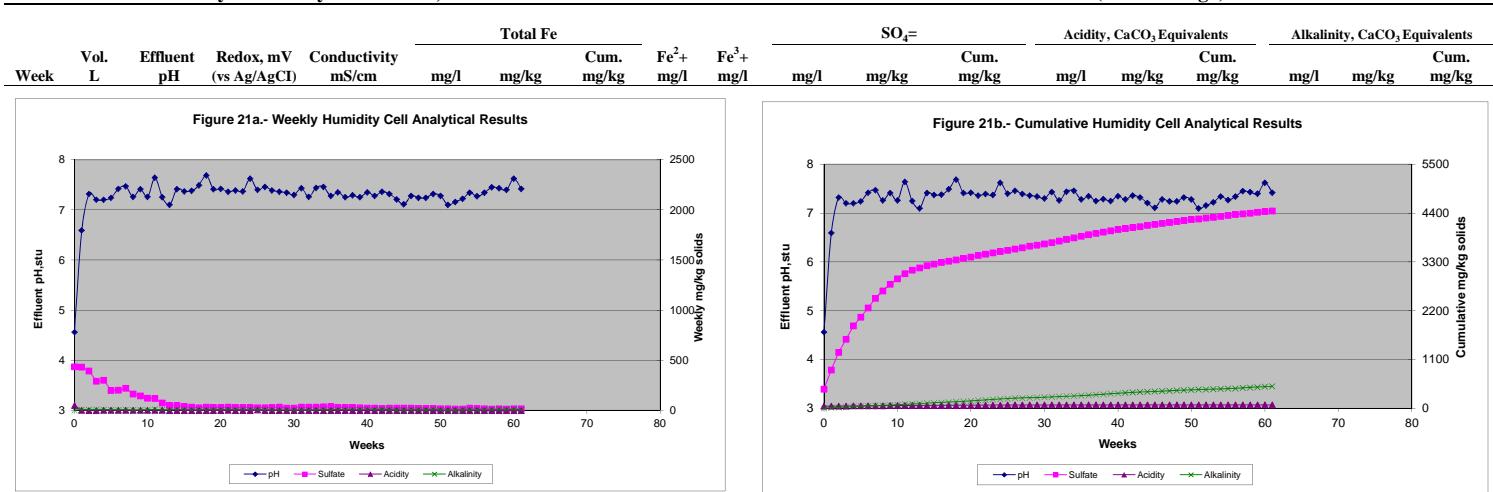


Table 1 . - Humidity Cell Analytical Results, Copper Flat, Cu Ro. Tail (1.5244 Kg)

Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	Total Fe				SO ₄ =			Acidity, CaCO ₃ Equivalents			Alkalinity, CaCO ₃ Equivalents			
					mg/l	mg/kg	Cum. mg/kg	Fe ²⁺ mg/l	Fe ³⁺ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	mg/l	mg/kg	mg/l	
0	0.528	8.05	171	1.64	0.00	0.000	0.000	0.00	0.00	220.0	76.20	76.20	0	0.00	0.00	137	47.45	47.45
1	0.739	7.99	236	0.63	0.00	0.000	0.000	0.00	0.00	91.0	44.12	120.32	0	0.00	0.00	155	75.14	122.59
2	0.731	8.19	222	0.41	0.01	0.005	0.005	0.00	0.01	58.0	27.81	148.13	0	0.00	0.00	156	74.81	197.40
3	0.801	8.13	229	0.25	0.03	0.016	0.021	0.02	0.01	38.0	19.97	168.10	0	0.00	0.00	108	56.75	254.15
4	0.682	8.05	237	0.31	0.01	0.004	0.025	0.00	0.01	120.0	53.69	221.79	0	0.00	0.00	61	27.29	281.44
5	0.748	8.09	225	0.31	0.00	0.000	0.025	0.00	0.00	120.0	58.88	280.67	0	0.00	0.00	98	48.09	329.53
6	0.743	8.05	240	0.30	0.02	0.010	0.035	0.00	0.02	90.0	43.87	324.54	0	0.00	0.00	80	38.99	368.52
7	0.746	8.09	165	0.27	0.03	0.015	0.050	0.00	0.03	91.0	44.53	369.07	0	0.00	0.00	59	28.87	397.39
8	0.681	8.07	250	0.26	0.01	0.004	0.054	0.01	0.00	74.0	33.06	402.13	0	0.00	0.00	66	29.48	426.87
9	0.750	8.11	253	0.28	0.04	0.020	0.074	0.02	0.02	68.0	33.46	435.59	0	0.00	0.00	88	43.30	470.17
10	0.791	7.91	188	0.27	0.01	0.005	0.079	0.01	0.00	72.0	37.36	472.95	0	0.00	0.00	100	51.89	522.06
11	0.732	8.06	212	0.23	0.03	0.014	0.093	0.02	0.01	76.0	36.49	509.44	0	0.00	0.00	64	30.73	552.79
12	0.769	7.99	249	0.29	0.06	0.030	0.123	0.04	0.02	65.0	32.79	542.23	0	0.00	0.00	72	36.32	589.11
13	0.742	7.97	213	0.31	0.04	0.019	0.142	0.01	0.03	69.0	33.59	575.82	0	0.00	0.00	70	34.07	623.18
14	0.696	7.92	259	0.32	0.09	0.041	0.183	0.01	0.08	61.0	27.85	603.67	0	0.00	0.00	67	30.59	653.77
15	0.732	8.01	209	0.29	0.02	0.010	0.193	0.00	0.02	59.0	28.33	632.00	0	0.00	0.00	68	32.65	686.42
16	0.767	7.95	236	0.29	0.04	0.020	0.213	0.01	0.03	59.0	29.69	661.69	0	0.00	0.00	67	33.71	720.13
17	0.727	8.00	221	0.27	0.05	0.024	0.237	0.01	0.04	60.0	28.61	690.30	0	0.00	0.00	61	29.09	749.22
18	0.675	8.03	242	0.30	0.08	0.035	0.272	0.01	0.07	66.0	29.22	719.52	0	0.00	0.00	66	29.22	778.44
19	0.822	8.09	196	0.32	0.09	0.049	0.321	0.02	0.07	48.0	25.88	745.40	0	0.00	0.00	81	43.68	822.12
20	0.687	8.04	208	0.32	0.05	0.023	0.344	0.01	0.04	57.0	25.69	771.09	0	0.00	0.00	63	28.39	850.51
21	0.801	8.11	206	0.35	0.07	0.037	0.381	0.01	0.06	36.0	18.92	790.01	0	0.00	0.00	77	40.46	890.97
22	0.668	7.99	231	0.24	0.10	0.044	0.425	0.02	0.08	49.0	21.47	811.48	0	0.00	0.00	62	27.17	918.14
23	0.764	8.05	238	0.27	0.09	0.045	0.470	0.01	0.08	39.0	19.55	831.03	0	0.00	0.00	79	39.59	957.73
24	0.747	8.12	227	0.29	0.10	0.049	0.519	0.02	0.08	44.0	21.56	852.59	0	0.00	0.00	77	37.73	995.46
25	0.745	8.03	252	0.24	0.01	0.005	0.524	0.01	0.00	45.0	21.99	874.58	0	0.00	0.00	74	36.17	1031.63
26	0.725	8.14	243	0.25	0.14	0.067	0.591	0.01	0.13	42.0	19.98	894.56	0	0.00	0.00	75	35.67	1067.30
27	0.749	8.18	305	0.24	0.03	0.015	0.606	0.01	0.02	38.0	18.67	913.23	0	0.00	0.00	82	40.29	1107.59
28	0.759	8.18	256	0.25	0.01	0.005	0.611	0.00	0.01	35.0	17.43	930.66	0	0.00	0.00	81	40.33	1147.92

Figure 1a.- Weekly Humidity Cell Analytical Results

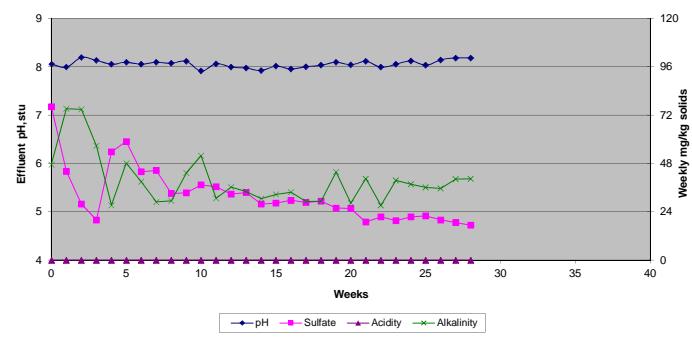
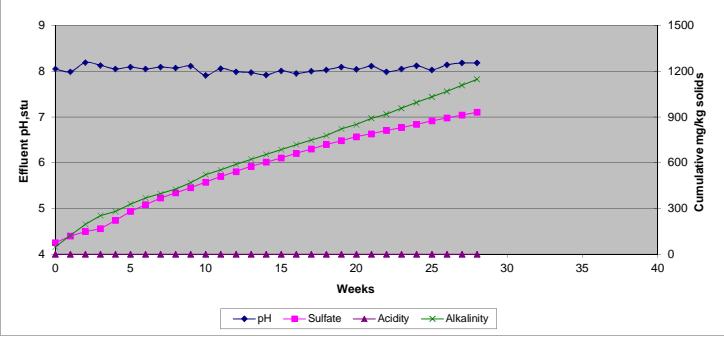


Figure 1b.- Cumulative Humidity Cell Analytical Results



McClelland Tabulated WetLab Results

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 562

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	80	84	44	98	85	63	60	57
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	98	100	53	120	100	77	73	70
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0041	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.019	0.022	0.017	0.033	0.032	0.027	0.025	0.021
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	320	150	38	53	52	51	43	44
Chloride	2.3	<2.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	4.2	1.8	0.91	1.6	1.4	1.3	1.0	1.1
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	0.010	0.0071	<0.0025	0.0087	0.0031	<0.0025	<0.0025	0.0027
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	82	31	7.4	11	10	9.5	7.9	7.5
Manganese	1.0	0.91	0.18	0.33	0.32	0.30	0.28	0.28
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.12	<0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.90	8.01	7.34	8.08	8.04	7.95	7.80	7.83
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	42	22	7.2	11	6.7	4.7	2.7	2.2
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.090	0.0082	0.0051	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	40	9.6	2.0	3.1	1.2	0.91	0.52	0.54
Strontium	3.5	1.5	0.36	0.52	0.51	0.48	0.36	0.38
Sulfate	1,300	400	88	84	110	100	78	87
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	2,000	720	170	270	240	300	190	170
Uranium	0.023	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	0.093	0.031	<0.010	<0.010	0.015	0.017	<0.050	0.014
Zinc	0.013	0.033	<0.010	0.015	0.011	0.011	0.012	0.022
Cations, meq/L	25.6	11.0	2.78	3.98	3.65	3.50	2.90	2.90
Anions, meq/L	29.0	10.1	2.75	3.80	4.00	3.41	2.87	3.02
Balance, %	6.2	4.7	<1.0	2.3	4.6	1.2	<1.0	1.9
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 562**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	77	70	66	58	66	59
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	7.0	<1.0
HCO ₃	94	85	81	71	66	72
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.023	0.019	0.020	0.023	0.020	0.015
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	44	40	40	36	36	32
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	0.053	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.1	0.97	0.86	0.78	0.75	0.59
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.7	6.8	6.8	6.1	5.9	5.2
Manganese	0.41	0.36	0.39	0.31	0.36	0.30
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.01	7.90	7.99	7.63	8.68	7.90
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.4	1.6	1.5	1.2	1.2	0.96
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.73	0.65	0.50	0.69	0.53	<0.50
Strontium	0.37	0.30	0.29	0.28	0.26	0.23
Sulfate	71	57	57	54	44	35
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	170	160	150	110	120	110
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.040	0.030	0.033	0.026	0.038	0.024
Cations, meq/L	2.94	2.64	2.63	2.37	2.35	2.06
Anions, meq/L	3.08	2.63	2.56	2.33	2.27	1.94
Balance, %	2.3	<1.0	1.4	<1.0	1.7	3.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 569

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	77	72	51	54	46	26	29	32
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	94	88	62	66	56	31	35	38
Aluminum	<0.045	<0.045	<0.045	<0.22	0.055	0.082	0.057	0.069
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.013	0.015	0.019	0.015	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.13	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	42	28	28	26	21	16	15	14
Chloride	15	2.7	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	6.1	2.7	1.7	1.2	1.3	0.82	0.85	1.0
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	14	9.0	8.6	8.2	5.7	4.2	3.7	3.4
Manganese	0.060	0.15	0.13	0.13	0.12	0.080	0.073	0.061
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.024	0.060	0.025	0.012	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.034	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.01	8.16	7.54	7.96	6.61	7.50	7.58	7.76
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	22	14	9.4	7.6	3.9	2.6	1.8	1.6
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	51	20	8.2	3.4	1.4	0.89	0.58	0.60
Strontium	0.36	0.27	0.25	0.23	0.17	0.13	0.10	0.10
Sulfate	200	72	79	49	36	35	25	22
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	440	200	190	140	170	86	66	56
Uranium	0.029	0.048	0.047	0.044	0.028	<0.010	0.011	0.011
Vanadium	0.027	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	6.03	3.37	2.71	2.32	1.69	1.26	1.13	1.06
Anions, meq/L	6.45	3.16	2.75	2.16	1.74	1.28	1.14	1.13
Balance, %	3.3	3.2	<1.0	3.4	1.4	<1.0	<1.0	3.6
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 569**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	24	22	23	20	19	26
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	30	27	28	25	24	31
Aluminum	0.075	0.078	0.084	0.085	0.070	0.074
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	12	12	11	9.7	9.9	11
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.92	0.86	0.92	0.83	0.82	0.79
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.050	<0.010	<0.010	0.011
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.9	2.7	2.4	2.2	2.2	2.4
Manganese	0.051	0.046	0.039	0.042	0.036	0.052
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.21	7.32	7.48	7.22	7.94	7.58
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	1.4	1.1	0.77	0.78	0.73	<2.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.60	0.61	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	22	19	16	13	12	9.7
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	46	47	50	48	44	59
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.023	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.91	0.89	0.78	0.70	0.70	0.76
Anions, meq/L	1.00	0.88	0.84	0.72	0.69	0.75
Balance, %	4.6	<1.0	3.9	2.0	1.2	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 606**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	110	95	100	83	70	55	57	57
CO ₃ , CaCO ₃	1.3	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	130	110	120	100	85	67	69	69
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	0.046	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.026	0.040	0.051	0.053	0.041	0.036	0.038
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.32	0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	46	24	36	42	38	33	30	29
Chloride	30	2.3	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	6.1	2.0	1.8	1.6	1.5	1.2	1.3	1.5
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.4	4.2	6.6	8.3	6.9	6.0	5.5	5.0
Manganese	0.012	0.020	0.045	0.048	0.055	0.053	0.051	0.045
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.073	0.083	0.048	0.016	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.032	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.22	8.43	8.17	8.21	6.97	7.71	7.99	8.07
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	30	22	18	15	7.6	4.6	3.1	2.8
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.0069	<0.0050	0.0057	0.0056	0.0076	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	64	23	10	4.4	1.8	1.2	0.86	0.92
Strontium	0.47	0.30	0.43	0.49	0.41	0.34	0.28	0.27
Sulfate	170	35	62	73	62	55	42	37
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	460	180	230	250	180	150	120	94
Uranium	0.029	0.044	0.10	0.096	0.055	0.024	0.020	0.013
Vanadium	<0.050	<0.010	<0.010	<0.010	0.011	0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	6.46	3.11	3.24	3.36	2.74	2.32	2.07	1.97
Anions, meq/L	6.88	2.86	3.35	3.24	2.76	2.31	2.07	1.98
Balance, %	3.2	4.1	1.8	1.7	<1.0	<1.0	<1.0	<1.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 606

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	54	54	48	50	49	50
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	66	66	58	60	60	61
Aluminum	<0.045	0.056	0.056	0.047	0.047	0.050
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.035	0.032	0.035	0.028	0.030	0.030
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	26	28	26	22	22	22
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.5	1.5	1.5	1.5	1.4	1.3
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	0.021
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.6	4.6	4.4	3.7	3.6	3.6
Manganese	0.040	0.043	0.042	0.037	0.043	0.041
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.78	7.84	7.88	7.78	8.11	7.91
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.5	2.0	1.9	1.5	1.4	1.3
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.93	0.93	0.75	<0.50	0.68	0.62
Strontium	0.24	0.22	0.20	0.17	0.16	0.16
Sulfate	33	31	28	21	15	14
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	99	100	96	84	64	60
Uranium	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.78	1.88	1.75	1.45	1.47	1.46
Anions, meq/L	1.85	1.81	1.61	1.50	1.37	1.36
Balance, %	1.8	1.9	4.0	1.8	3.4	3.6
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 653**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	110	58	110	93	82	44	61	33
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	130	71	130	110	100	53	74	40
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	0.057	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.030	0.035	0.052	0.044	0.037	0.052	0.044
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.15	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	70	24	45	45	42	48	40	28
Chloride	47	3.0	1.6	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	5.7	1.3	2.7	2.2	1.9	1.3	1.7	1.0
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	0.023	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	14	4.3	8.4	8.5	6.6	5.8	4.8	2.9
Manganese	0.052	0.055	0.16	0.22	0.35	0.36	0.30	0.18
Mercury	0.00017	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.082	0.052	0.038	0.022	0.013	0.017	<0.050	0.014
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.40	8.13	8.19	8.23	7.16	7.82	7.91	7.81
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	38	16	23	19	9.8	6.2	4.4	2.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.010	<0.0050	0.0052	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	72	17	19	5.9	2.2	1.4	1.2	0.83
Strontium	0.62	0.24	0.44	0.43	0.36	0.37	0.28	0.19
Sulfate	260	59	100	77	65	100	59	55
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	630	170	270	260	210	220	100	110
Uranium	0.032	0.020	0.046	0.033	0.023	<0.010	0.011	<0.010
Vanadium	<0.050	<0.010	<0.010	<0.010	<0.010	0.012	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	8.75	2.70	4.36	3.70	3.00	3.11	2.57	1.74
Anions, meq/L	9.17	2.55	4.40	3.52	3.09	3.02	2.53	1.85
Balance, %	2.3	3.0	<1.0	2.4	1.5	1.5	<1.0	3.1
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 653

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	30	41	38	44	37	41
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	36	50	47	53	45	50
Aluminum	0.063	0.066	<0.20	0.051	<0.045	0.051
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.032	0.050	0.058	0.061	0.061	0.070
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	26	29	28	24	24	22
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.1	1.4	1.4	1.5	1.5	1.2
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.6	2.6	2.4	2.1	1.9	1.7
Manganese	0.17	0.18	0.17	0.16	0.15	0.15
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.017	0.018	0.018	0.018	0.022	0.023
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.34	7.67	7.73	7.67	7.84	7.79
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.4	2.4	2.2	1.7	1.8	1.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	1.1	1.1	0.90	0.61	0.75	0.65
Strontium	0.17	0.18	0.16	0.14	0.14	0.13
Sulfate	54	43	38	28	28	20
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	110	110	94	73	83	72
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.016	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.63	1.78	1.70	1.45	1.44	1.32
Anions, meq/L	1.77	1.79	1.64	1.53	1.40	1.30
Balance, %	4.0	<1.0	2.0	2.6	1.4	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 656**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	130	130	120	100	95	82	46	71
CO ₃ , CaCO ₃	<1.0	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	160	140	150	120	120	100	56	86
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	0.015	0.018	0.015	0.015	0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	0.17	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	120	26	26	42	32	40	27	31
Chloride	150	3.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.053	<0.050
Fluoride	6.0	3.7	2.6	2.0	1.5	1.5	1.2	1.7
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	20	5.6	5.2	8.2	6.2	7.2	5.0	6.0
Manganese	0.021	0.016	0.030	0.092	0.089	0.13	0.092	0.079
Mercury	0.00082	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.21	0.10	0.035	0.037	0.028	0.036	0.030	0.045
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.31	8.43	8.26	8.30	7.35	7.91	7.83	8.15
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	19	16	15	18	12	9.2	4.7	4.2
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.015	<0.0050	<0.0050	<0.0050	0.0053	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	55	40	25	11	1.8	1.0	0.61	0.65
Strontium	1.1	0.35	0.30	0.47	0.34	0.40	0.27	0.31
Sulfate	210	33	29	10	30	50	48	41
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	760	220	190	130	170	180	160	120
Uranium	0.046	0.050	0.048	0.072	0.038	0.035	0.012	0.017
Vanadium	0.037	<0.010	<0.010	0.012	0.078	0.013	<0.010	0.012
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	10.5	3.91	3.20	3.71	2.50	2.87	1.91	2.18
Anions, meq/L	11.5	3.45	3.20	2.28	2.67	2.76	1.98	2.35
Balance, %	4.7	6.2	<1.0	24	3.4	2.0	1.8	3.8
WET Lab Report #	1101435	1102081	1102180	1103017	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 656**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	73	44	64	65	67	62
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	89	54	79	80	81	76
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.011	0.011	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	33	24	31	28	28	25
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.7	0.82	1.7	1.7	1.6	1.3
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	6.6	4.3	6.2	5.7	5.6	5.0
Manganese	0.089	0.070	0.083	0.075	0.091	0.077
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.042	0.032	0.057	0.046	0.050	0.052
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.96	7.72	8.03	7.89	8.06	7.99
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	3.5	1.5	2.1	1.5	1.5	<2.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.60	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.33	0.21	0.28	0.26	0.26	0.23
Sulfate	40	29	35	27	16	17
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	130	80	110	100	97	97
Uranium	0.018	0.014	0.012	<0.010	0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.31	1.59	2.11	1.91	1.90	1.68
Anions, meq/L	2.38	1.53	2.11	1.96	1.74	1.67
Balance, %	1.5	1.9	<1.0	1.4	4.2	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 669**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	130	100	96	80	96	59	38	56
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	14	<1.0	<1.0	<1.0
HCO ₃	160	120	120	98	89	72	47	68
Aluminum	0.058	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0037	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	0.015	0.017	0.012	0.010	0.018	0.012
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.23	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	130	24	32	32	32	30	38	32
Chloride	31	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	8.0	3.3	2.1	1.5	1.2	0.93	0.76	0.77
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	20	4.4	5.8	5.6	5.3	4.5	5.6	4.9
Manganese	0.039	0.064	0.18	0.27	0.39	0.42	0.52	0.60
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.20	0.042	0.022	0.014	0.016	0.016	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.24	8.27	8.13	8.11	8.49	7.69	7.72	8.00
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	35	19	18	13	8.0	5.5	4.6	3.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.026	0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0060	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	57	16	8.0	2.8	1.6	1.1	0.90	0.80
Strontium	1.0	0.23	0.32	0.30	0.30	0.25	0.32	0.26
Sulfate	380	30	36	75	37	40	84	54
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	800	180	180	210	170	130	170	160
Uranium	0.018	0.067	0.17	0.018	0.025	0.025	0.016	0.019
Vanadium	0.022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	11.5	2.74	2.89	2.52	2.32	2.07	2.53	2.15
Anions, meq/L	11.8	2.77	2.83	3.25	2.76	2.06	2.56	2.28
Balance, %	1.3	<1.0	1.1	13	8.6	<1.0	<1.0	3.0
WET Lab Report #	1101453	1102081	1102180	1103017	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 669**

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	32	31	41	34	20	5.2	30	30
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	40	38	51	41	25	6.3	37	37
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	0.070	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.012	0.011	<0.010	0.010	<0.010	0.12	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	36	34	30	27	22	8.6	19	16
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.78	0.66	0.74	0.66	0.64	0.11	0.33	0.39
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.050	<0.010	<0.050	<0.010	<0.050
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	5.8	5.4	5.1	4.9	4.0	1.7	3.6	3.2
Manganese	0.66	0.67	0.67	0.83	0.71	0.28	0.82	0.73
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	0.011	0.012	<0.010	<0.050	<0.010	0.019	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.27	7.45	7.74	7.48	7.38	6.85	7.43	7.18
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	3.0	2.4	2.3	1.7	1.6	<0.50	1.5	1.1
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.0054	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.78	0.79	0.62	<0.50	0.62	1.8	<0.50	<0.50
Strontium	0.29	0.25	0.21	0.20	0.16	<0.10	0.14	0.10
Sulfate	89	76	53	60	48	24	33	23
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	170	140	120	130	100	40	88	51
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.020	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	0.039
Cations, meq/L	2.41	2.26	2.03	1.82	1.52	0.67	1.31	1.12
Anions, meq/L	2.55	2.24	1.98	1.96	1.44	0.61	1.31	1.11
Balance, %	2.8	<1.0	1.2	3.5	2.6	4.4	<1.0	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 669**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃	19	27
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	24	33
Aluminum	<0.045	<0.045
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	<0.010	<0.010
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0010	<0.0010
Calcium	16	16
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	<0.050	<0.050
Fluoride	0.46	0.37
Gallium	<0.10	<0.10
Iron	<0.010	<0.010
Lead	<0.0025	<0.0025
Lithium	<0.10	<0.10
Magnesium	3.5	3.4
Manganese	0.86	1.0
Mercury	<0.00010	<0.00010
Molybdenum	<0.010	<0.010
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	7.04	7.57
Phosphorus	<0.50	<0.50
Potassium	1.1	0.90
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	<0.50	<0.50
Strontium	0.12	0.12
Sulfate	37	33
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	100	85
Uranium	<0.010	<0.010
Vanadium	<0.010	<0.010
Zinc	<0.010	0.012
Cations, meq/L	1.15	1.14
Anions, meq/L	1.19	1.25
Balance, %	1.8	4.6
WET Lab Report #	1202374	1203479

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 673**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	76	70	67	52	31	8.0	6.1	4.7
CO ₃ , CaCO ₃	5.9	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	81	82	82	64	38	9.8	7.4	5.7
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.019	0.029	0.049	0.059	0.038	0.034	0.035
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.11	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	52	25	20	21	18	12	9.3	7.0
Chloride	17	1.5	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	3.2	2.0	1.6	1.1	0.54	0.34	0.32	0.33
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.6	4.0	3.2	3.3	2.4	1.5	1.2	0.95
Manganese	<0.0050	0.010	0.014	0.020	0.016	0.017	0.033	0.019
Mercury	0.00032	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.26	0.094	0.057	0.051	0.042	0.024	0.018	0.014
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.20	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.50	8.33	7.98	7.85	6.52	6.82	6.96	6.98
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	19	16	12	12	6.4	3.2	2.4	2.1
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.010	0.0062	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	29	21	12	4.7	1.5	0.84	0.71	0.66
Strontium	0.38	0.23	0.19	0.19	0.16	0.10	<0.10	<0.10
Sulfate	140	60	38	32	31	31	26	20
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	350	190	140	150	110	56	48	62
Uranium	0.057	0.057	0.055	0.034	0.015	<0.010	<0.010	<0.010
Vanadium	0.017	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	4.97	2.90	2.09	1.83	1.33	0.84	0.66	0.51
Anions, meq/L	5.09	2.81	2.22	1.77	1.30	0.82	0.68	0.53
Balance, %	1.2	1.6	3.0	1.6	1.1	1.0	1.7	1.6
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 673**

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	2.0	1.5	<1.0	1.0	1.1	1.4	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	2.4	1.8	<1.0	1.3	1.3	1.7	<1.0	<1.0
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.048	0.041	0.048	0.050	0.047	0.048	0.047	0.044
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0050	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	8.3	8.8	7.4	6.7	6.6	5.3	5.6	5.5
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.13	0.097
Fluoride	0.43	0.55	0.55	0.51	0.49	0.40	0.40	0.41
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.1	1.2	1.0	0.98	0.89	0.74	0.78	0.79
Manganese	0.024	0.061	0.044	0.037	0.050	0.024	0.028	0.025
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.018	0.015	0.015	0.016	0.015	0.012	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	6.35	6.22	6.14	6.06	6.29	6.33	5.89	5.92
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.2	1.9	1.8	1.5	1.5	1.2	1.4	1.2
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.73	0.74	0.55	<0.50	0.59	0.52	0.51	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	28	29	23	22	19	14	16	15
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	29	51	47	38	40	28	62	32
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.010	<0.010	0.017	0.013	0.021	0.014	0.017	0.016
Cations, meq/L	0.59	0.62	0.52	0.46	0.47	0.38	0.41	0.37
Anions, meq/L	0.64	0.66	0.51	0.51	0.44	0.34	0.35	0.33
Balance, %	4.1	3.2	1.5	5.3	2.9	5.5	7.0	5.7
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 673**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	1.2	1.0
Aluminum	<0.045	<0.045
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	0.054	0.054
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0010	<0.0010
Calcium	6.1	5.7
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	0.20	0.24
Fluoride	0.32	0.37
Gallium	<0.10	<0.10
Iron	<0.010	<0.010
Lead	<0.0025	<0.0025
Lithium	<0.10	<0.10
Magnesium	0.92	0.83
Manganese	0.042	0.050
Mercury	<0.00010	<0.00010
Molybdenum	<0.010	<0.010
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	5.46	5.96
Phosphorus	<0.50	<0.50
Potassium	1.2	0.92
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	<0.50	<0.50
Strontium	<0.10	<0.10
Sulfate	18	18
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	35	43
Uranium	<0.010	<0.010
Vanadium	<0.010	<0.010
Zinc	0.028	0.031
Cations, meq/L	0.42	0.39
Anions, meq/L	0.41	0.41
Balance, %	<1.0	3.0
WET Lab Report #	1202374	1203479

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 767**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	71	68	68	63	39	22	32	26
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	87	83	83	77	47	27	39	31
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0028	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.012	0.024	0.028	0.048	0.036	0.039	0.036	0.035
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.27	0.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	220	69	44	45	44	48	35	32
Chloride	44	2.9	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.023	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	4.2	3.6	2.6	2.4	1.8	2.3	2.3	2.5
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	69	11	7.0	8.4	9.2	11	8.7	8.4
Manganese	1.6	0.46	0.40	0.50	0.58	0.59	0.52	0.40
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.050	0.024	0.015	0.010	<0.010	<0.010	<0.010	<0.010
Nickel	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.95	8.06	7.73	7.97	6.61	7.21	7.65	7.71
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	70	24	13	11	5.7	4.4	2.9	2.4
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.055	0.019	0.012	0.014	0.012	0.0063	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	67	16	6.0	2.9	1.2	0.78	0.56	0.50
Strontium	2.2	0.53	0.33	0.35	0.34	0.39	0.28	0.26
Sulfate	920	170	98	85	110	130	89	91
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	1,700	370	240	250	250	240	170	200
Uranium	<0.010	0.23	0.23	0.22	0.047	0.018	0.020	0.012
Vanadium	0.087	0.013	<0.010	<0.010	0.014	0.019	0.012	0.016
Zinc	0.060	0.012	0.018	0.024	0.022	0.016	0.019	0.015
Cations, meq/L	21.4	5.68	3.38	3.36	3.17	3.47	2.58	2.39
Anions, meq/L	22.0	5.17	3.54	3.16	3.16	3.27	2.61	2.53
Balance, %	1.4	4.6	2.3	3.1	<1.0	2.9	<1.0	3.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 767**

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	25	34	31	31	28	33	20	32
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	30	41	38	38	34	40	24	38
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.034	0.044	0.041	0.034	0.032	0.037	0.029	0.027
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	27	28	27	23	22	20	17	16
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.052	<0.050
Fluoride	2.6	2.5	2.3	2.2	2.2	1.8	1.7	1.7
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.4	7.3	7.8	6.8	6.1	5.7	4.7	5.1
Manganese	0.35	0.44	0.42	0.35	0.28	0.26	0.20	0.20
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.18	7.55	7.53	7.34	7.44	7.54	7.36	7.26
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.2	1.9	1.8	1.3	1.4	1.1	1.1	0.97
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.22	0.21	0.22	0.19	0.18	0.16	0.14	0.13
Sulfate	74	66	61	51	45	34	34	26
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	120	120	130	100	56	63	77	61
Uranium	0.010	0.015	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.016	0.021	0.020	0.014	0.014	0.021	0.013	0.015
Cations, meq/L	2.03	2.08	2.05	1.75	1.65	1.51	1.27	1.25
Anions, meq/L	2.17	2.18	2.01	1.80	1.61	1.46	1.19	1.25
Balance, %	3.4	2.2	<1.0	1.3	1.1	1.6	3.3	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 767**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃	28	33
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	34	41
Aluminum	<0.045	<0.045
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	0.028	0.033
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0010	<0.0010
Calcium	16	15
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	<0.050	<0.050
Fluoride	1.6	1.8
Gallium	<0.10	<0.10
Iron	<0.010	<0.010
Lead	<0.0025	<0.0025
Lithium	<0.10	<0.10
Magnesium	5.1	4.8
Manganese	0.15	0.15
Mercury	<0.00010	<0.00010
Molybdenum	<0.010	<0.010
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	7.14	7.70
Phosphorus	<0.50	<0.50
Potassium	0.87	<2.5
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	<0.50	<0.50
Strontium	0.13	0.13
Sulfate	28	23
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	61	70
Uranium	<0.010	<0.010
Vanadium	<0.010	<0.010
Zinc	0.012	0.011
Cations, meq/L	1.25	1.15
Anions, meq/L	1.22	1.25
Balance, %	<1.0	4.0

WET Lab Report # 1203479

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 787**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	71	91	88	68	69	58	57	56
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	86	110	110	83	84	71	69	68
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0030	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	0.010	0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	90	63	40	32	31	31	29	29
Chloride	14	2.2	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.4	1.7	1.3	1.2	1.2	1.1	1.1	1.2
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	13	9.9	6.4	5.6	5.1	4.8	4.6	4.6
Manganese	0.024	0.094	0.083	0.062	0.086	0.11	0.096	0.092
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.33	0.084	0.039	0.027	0.022	0.020	0.017	0.018
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.046	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.06	8.01	7.58	8.00	6.91	7.55	7.91	7.99
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	8.5	9.3	6.4	5.9	4.4	3.9	2.7	2.4
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.016	0.013	0.0071	0.0057	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	25	20	9.0	4.2	1.5	0.89	0.52	<0.50
Strontium	0.70	0.56	0.33	0.28	0.25	0.26	0.22	0.22
Sulfate	270	130	59	40	37	43	36	39
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	510	310	190	140	120	130	120	120
Uranium	0.12	0.20	0.16	0.092	0.061	0.040	0.045	0.041
Vanadium	0.022	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	6.87	5.07	3.08	2.39	2.15	2.08	1.92	1.89
Anions, meq/L	7.55	4.66	3.10	2.26	2.21	2.12	1.94	1.99
Balance, %	4.8	4.2	<1.0	2.9	1.4	<1.0	<1.0	2.6
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 787

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	52	56	46	59	58	51	35	35
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	64	68	56	72	71	62	43	43
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.012	<0.010	0.011	0.012	0.011	<0.010	0.011
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	28	28	23	27	30	29	27	21
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.5	1.5	1.3	1.6	1.5	1.2	0.97	0.83
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.6	4.6	4.0	4.7	5.2	5.0	4.7	4.2
Manganese	0.070	0.066	0.065	0.088	0.12	0.077	0.059	0.038
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.023	0.024	0.023	0.027	0.027	0.027	0.028	0.020
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.66	7.81	7.79	7.77	7.83	7.86	7.44	7.39
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.2	1.9	1.4	1.4	1.4	1.0	1.0	0.65
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	0.53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.21	0.19	0.16	0.19	0.19	0.18	0.17	0.12
Sulfate	39	32	26	26	27	37	42	31
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	100	87	76	97	100	69	120	93
Uranium	0.035	0.033	0.026	0.026	0.032	0.020	0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	0.012	<0.010	<0.010	<0.010
Cations, meq/L	1.83	1.85	1.52	1.77	1.97	1.89	1.76	1.41
Anions, meq/L	1.94	1.86	1.53	1.81	1.80	1.85	1.63	1.39
Balance, %	2.8	<1.0	<1.0	<1.0	4.3	<1.0	3.9	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 787**

Analysis, mg/L	Week 56 ²⁾	Extract Week
Alkalinity, CaCO ₃	56	
CO ₃ , CaCO ₃	<1.0	
HCO ₃	68	
Aluminum	<0.045	
Antimony	<0.0025	
Arsenic	<0.0050	
Barium	<0.010	
Beryllium	<0.0010	
Bismuth	<0.10	
Boron	<0.10	
Cadmium	<0.0010	
Calcium	26	
Chloride	<1.00	
Chromium	<0.0050	
Cobalt	<0.010	
Copper	<0.050	
Fluoride	1.0	
Gallium	<0.10	
Iron	<0.010	
Lead	<0.0025	
Lithium	<0.10	
Magnesium	5.7	
Manganese	0.066	
Mercury	<0.00010	
Molybdenum	0.021	
Nickel	<0.010	
Nitrate as N	<1.0	
Nitrite as N	<0.025	
pH, stu	7.57	
Phosphorus	<0.50	
Potassium	0.71	
Scandium	<0.10	
Selenium	<0.0050	
Silver	<0.0050	
Sodium	<0.50	
Strontium	0.17	
Sulfate	30	
Thallium	<0.0010	
Tin	<0.10	
Titanium	<0.10	
Total Dissolved Solids	100	
Uranium	0.013	
Vanadium	<0.010	
Zinc	<0.010	
Cations, meq/L	1.79	
Anions, meq/L	1.79	
Balance, %	<1.0	

WET Lab Report # 1202374

²⁾ Test terminated on 2/24/12.

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 811**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	130	110	98	110	110	88	90	75
CO ₃ , CaCO ₃	<1.0	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	160	130	120	140	130	110	110	91
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0033	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	0.0095	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	100	41	38	42	40	38	36	31
Chloride	24	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	6.9	2.5	1.9	1.9	1.9	1.8	1.9	2.2
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	17	7.6	7.1	8.7	8.2	7.5	7.4	6.9
Manganese	<0.025	0.023	0.031	0.055	0.056	0.055	0.050	0.027
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.11	0.055	0.033	0.019	0.016	0.013	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.37	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.26	8.38	8.05	8.28	7.46	7.97	8.19	8.14
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	18	15	12	12	6.9	4.3	2.9	2.2
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.029	0.015	0.016	0.014	0.015	0.011	0.0068	0.0063
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	47	19	7.8	2.9	1.1	0.58	<0.50	<0.50
Strontium	1.4	0.64	0.59	0.63	0.57	0.52	0.47	0.40
Sulfate	290	59	60	37	37	37	29	35
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	700	230	220	200	180	160	140	140
Uranium	0.14	0.077	0.063	0.061	0.044	0.026	0.022	0.012
Vanadium	0.032	0.011	<0.010	<0.010	0.013	0.014	<0.050	0.012
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	8.89	3.88	3.13	3.25	2.90	2.65	2.48	2.17
Anions, meq/L	9.70	3.64	3.32	3.16	3.00	2.67	2.51	2.34
Balance, %	4.3	3.3	2.9	1.3	1.8	<1.0	<1.0	3.6
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 811**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	89	90	89	84	78	69
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	110	110	110	100	96	84
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	33	36	35	29	30	25
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.3	2.3	2.3	2.2	2.2	1.8
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.8	8.4	8.8	7.8	8.0	6.6
Manganese	0.039	0.038	0.042	0.037	0.038	0.024
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.10	8.05	8.13	8.02	8.03	8.01
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	1.9	1.4	1.2	1.1	<2.5	0.72
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	0.64	<0.50	<0.50
Strontium	0.42	0.40	0.36	0.32	0.29	0.24
Sulfate	26	30	25	21	18	16
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	120	110	120	130	110	47
Uranium	0.015	0.012	0.010	0.008	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	0.012	0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.34	2.52	2.50	2.15	2.16	1.81
Anions, meq/L	2.47	2.55	2.44	2.19	2.06	1.80
Balance, %	2.6	<1.0	1.2	1.1	2.2	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 854**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	91	110	85	70	92	35	46	56
CO ₃ , CaCO ₃	<1.0	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	110	130	100	86	110	43	57	69
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0036	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	0.0067	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.038	0.040	0.060	0.046	0.035	0.034	0.028
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.25	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	110	54	46	59	45	48	39	28
Chloride	41	2.6	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	0.14	<0.050	<0.050	<0.050	0.077	<0.050	<0.050	<0.050
Fluoride	4.6	2.6	1.8	1.9	2.3	1.9	2.1	2.6
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	0.033	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	25	10	8.8	12	8.6	9.6	7.2	5.3
Manganese	0.13	0.086	0.096	0.17	0.22	0.18	0.18	0.14
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.13	0.060	0.036	0.022	0.022	0.028	0.027	0.022
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.025
pH, stu	8.11	8.36	7.92	8.06	7.20	7.39	7.80	7.97
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	72	41	24	18	7.9	4.3	3.2	2.7
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.024	0.015	0.013	0.015	0.0076	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	48	15	5.3	2.3	0.93	0.52	<0.50	<0.50
Strontium	1.7	0.91	0.70	0.82	0.55	0.46	0.35	0.24
Sulfate	380	120	99	130	64	120	78	40
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	800	350	300	340	200	270	170	120
Uranium	0.029	0.048	0.036	0.016	<0.010	<0.010	<0.010	<0.010
Vanadium	0.054	0.013	<0.010	<0.050	0.013	0.014	<0.050	<0.010
Zinc	0.013	<0.010	<0.010	0.010	0.022	<0.010	0.010	0.012
Cations, meq/L	11.5	5.22	3.87	4.50	3.21	3.33	2.63	1.91
Anions, meq/L	11.1	4.94	3.79	4.22	3.26	3.30	2.67	2.10
Balance, %	1.6	2.8	<1.0	3.2	<1.0	<1.0	<1.0	4.8
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 854**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	32	35	34	36	41	41
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	39	43	41	44	50	50
Aluminum	<0.045	0.046	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.030	0.029	0.030	0.028	0.031	0.028
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	30	29	25	23	26	23
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.5	2.3	2.2	2.3	2.3	1.8
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	6.0	5.8	5.5	5.4	6.0	5.4
Manganese	0.11	0.11	0.088	0.085	0.096	0.084
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.043	0.037	0.040	0.038	0.039	0.031
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.34	7.47	7.57	7.46	7.70	7.73
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.3	1.8	1.8	1.5	1.4	1.3
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.22	0.19	0.16	0.15	0.14	0.13
Sulfate	65	56	49	45	35	32
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	130	120	110	74	95	95
Uranium	<0.010	<0.010	<0.010	0.002	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	0.011	<0.010
Cations, meq/L	2.05	1.98	1.75	1.63	1.83	1.63
Anions, meq/L	2.12	1.99	1.81	1.78	1.67	1.58
Balance, %	1.7	<1.0	1.6	4.3	4.6	1.5
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 862**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	120	150	130	110	120	92	140	190
CO ₃ , CaCO ₃	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	150	180	150	140	150	110	170	230
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	0.010	<0.010	0.011	0.011
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	110	56	48	45	49	45	56	64
Chloride	18	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	4.4	3.6	3.0	2.6	2.3	2.6	2.3	2.6
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	22	12	9.7	9.2	9.0	8.2	9.2	9.8
Manganese	0.0088	<0.025	0.0096	0.014	0.022	0.025	0.041	0.064
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.11	0.043	0.034	0.024	0.017	0.014	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.14	8.30	8.18	8.24	7.61	7.94	8.23	8.25
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	23	21	15	13	7.0	3.1	2.7	2.2
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.029	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	53	13	4.4	1.6	0.80	0.53	0.54	0.54
Strontium	2.5	1.3	1.0	0.94	1.0	0.71	0.90	0.97
Sulfate	370	63	46	41	43	46	31	25
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	770	280	240	210	200	220	190	230
Uranium	0.017	0.021	0.019	0.017	0.015	<0.010	<0.010	<0.010
Vanadium	0.042	0.016	<0.010	<0.010	0.016	0.012	0.015	0.017
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	10.2	4.88	3.77	3.41	3.40	3.02	3.65	4.08
Anions, meq/L	10.9	4.51	3.57	3.28	3.47	2.90	3.55	4.43
Balance, %	3.4	4.0	2.7	1.8	1.1	2.1	1.3	4.1
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 862

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	190	210	230	220	230	220
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	230	250	280	270	290	260
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.012	0.012	0.014	0.013	0.016	0.013
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	72	80	80	81	95	79
Chloride	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.7	2.6	2.6	2.6	2.5	2.2
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	10	11	11	10	12	10
Manganese	0.078	0.076	0.078	0.066	0.079	0.031
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025
pH, stu	8.16	8.05	8.14	8.06	7.99	8.15
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	1.9	1.6	1.5	1.4	1.3	1.1
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.50	0.79	0.53	0.66	0.63	0.64
Strontium	0.91	0.82	0.83	0.70	0.68	0.55
Sulfate	25	24	17	18	15	12
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	240	240	260	230	280	200
Uranium	<0.010	<0.010	<0.010	0.006	<0.010	<0.010
Vanadium	0.010	<0.010	0.012	0.015	0.014	0.012
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	4.49	4.98	4.96	4.93	5.79	4.82
Anions, meq/L	4.43	4.73	5.08	4.94	5.20	4.63
Balance, %	<1.0	2.5	1.2	<1.0	5.4	2.1
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 867**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	120	84	82	120	120	48	63	57
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	140	100	100	140	150	58	77	69
Aluminum	<0.22	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.024	0.020	0.019	0.013	0.013	0.014	0.017	0.012
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	260	110	110	78	83	120	97	91
Chloride	8.4	<1.0	<2.0	<1.0	<1.00	<1.00	<1.00	<2.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	0.074	<0.050	<0.050	0.13	0.13	0.055	0.10	0.069
Fluoride	4.2	3.9	3.3	2.4	1.8	1.8	1.6	1.7
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	0.12	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	56	8.7	8.5	6.2	4.6	4.5	3.2	3.1
Manganese	0.48	0.099	0.12	0.14	0.22	0.21	0.24	0.16
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.059	0.078	0.054	0.030	0.015	0.018	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.025	<0.050
pH, stu	8.05	8.10	7.81	8.09	7.52	7.56	7.86	7.78
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	69	26	17	11	6.1	3.9	3.3	2.7
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.060	0.020	0.016	0.0092	0.0069	0.0061	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	28	6.2	2.7	1.3	0.78	0.52	0.56	<0.50
Strontium	5.6	1.8	1.5	1.0	0.83	0.73	0.57	0.48
Sulfate	900	210	230	110	110	380	180	190
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	1,600	490	500	320	330	450	350	390
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	0.073	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.024	<0.010	<0.010	0.011	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	20.6	7.14	6.75	4.75	4.72	6.49	5.22	4.87
Anions, meq/L	21.5	6.23	6.60	4.71	4.84	8.85	5.09	5.18
Balance, %	2.1	6.8	1.1	<1.0	1.3	15	1.3	3.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 604 867**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	39	80	60	82	110	72
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	48	97	73	100	130	88
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.012	0.017	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	86	89	71	72	77	59
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	0.14	0.060	0.13	0.24	0.067
Fluoride	1.9	1.7	1.8	1.7	1.6	1.4
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	3.5	4.4	4.0	4.3	4.6	3.4
Manganese	0.099	0.15	0.071	0.11	0.16	0.062
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.33	7.68	7.71	7.71	7.88	7.83
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.2	1.9	1.6	1.4	1.3	0.89
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	0.0067	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	0.66	<0.50	<0.50	0.50	<0.50
Strontium	0.39	0.38	0.31	0.31	0.31	0.24
Sulfate	180	160	140	110	85	76
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	330	320	290	240	240	180
Uranium	<0.010	<0.010	<0.010	<0.0010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	0.014	<0.010	0.011	0.025	<0.010
Cations, meq/L	4.64	4.89	3.92	3.99	4.29	3.25
Anions, meq/L	4.63	5.01	4.21	4.02	3.98	3.10
Balance, %	<1.0	1.2	3.6	<1.0	3.7	2.4
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 605 033**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	96	88	74	80	61	35	49	45
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	120	110	90	98	74	42	59	55
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	0.060	0.045	0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.029	0.025	0.038	0.029	0.025	0.036	0.023
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	65	42	34	35	36	35	31	29
Chloride	23	2.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	5.7	3.3	2.7	2.5	2.0	1.4	1.8	2.0
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	9.8	6.5	4.9	5.1	4.3	3.9	2.9	2.4
Manganese	0.016	0.023	0.029	0.056	0.059	0.074	0.077	0.072
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.10	0.048	0.024	0.018	0.017	0.012	0.011	<0.050
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.16	8.27	7.80	8.11	6.93	7.62	7.88	7.94
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	30	25	16	13	6.5	3.7	3.0	2.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	46	17	6.6	3.1	1.4	0.93	0.81	0.69
Strontium	0.69	0.51	0.40	0.40	0.37	0.32	0.27	0.24
Sulfate	230	83	68	41	52	68	39	39
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	540	250	200	190	150	170	100	120
Uranium	0.019	0.028	0.028	0.035	0.032	0.021	0.019	0.016
Vanadium	0.021	0.014	<0.010	<0.010	0.022	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	6.82	4.01	2.80	2.64	2.38	2.21	1.91	1.75
Anions, meq/L	7.70	3.76	3.03	2.59	2.40	2.18	1.87	1.82
Balance, %	6.1	3.2	4.0	<1.0	<1.0	<1.0	<1.0	2.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 605 033**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	41	49	38	40	38	38
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	50	59	46	49	47	46
Aluminum	<0.045	0.056	0.058	0.046	<0.045	0.055
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.019	0.016	0.014	0.013	0.013	0.012
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	28	28	22	23	23	21
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.0	1.9	1.7	1.8	1.9	1.6
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.1	1.8	1.3	1.3	1.1	0.98
Manganese	0.067	0.074	0.053	0.060	0.066	0.058
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.014	0.015	0.014	0.018	0.018	0.016
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.56	7.75	7.67	7.57	7.62	7.74
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.1	1.9	1.4	1.3	1.3	1.1
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.60	0.68	0.63	0.50	0.55	0.52
Strontium	0.20	0.19	0.15	0.14	0.13	0.12
Sulfate	34	30	25	21	16	12
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	100	100	88	76	76	55
Uranium	0.011	0.013	<0.010	0.007	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.65	1.63	1.28	1.32	1.30	1.19
Anions, meq/L	1.63	1.69	1.36	1.34	1.20	1.09
Balance, %	<1.0	1.8	3.3	<1.0	3.8	4.4
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 605 153**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	48	84	55	56	55	43	38	43
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	59	100	67	69	68	52	46	53
Aluminum	0.048	<0.045	0.047	0.057	0.055	0.053	0.061	<0.22
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.034	0.13	0.074	0.14	0.10	0.12	0.12	0.11
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.14	0.17	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	42	23	15	20	22	20	15	17
Chloride	4.3	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	3.7	2.6	1.8	1.6	1.6	1.4	1.1	1.4
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	9.4	5.4	3.4	4.4	4.3	3.5	2.3	2.4
Manganese	0.048	0.048	0.014	0.038	0.044	0.036	0.031	0.032
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.020	0.019	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.18	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.91	8.26	7.62	8.00	6.95	7.77	7.80	7.94
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	16	14	8.2	7.8	6.1	3.5	2.7	2.3
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	39	19	6.1	3.1	1.7	0.90	0.73	0.72
Strontium	3.0	1.8	1.2	1.5	1.7	1.2	1.0	1.1
Sulfate	200	40	25	26	28	22	14	15
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	380	170	87	150	100	100	80	61
Uranium	0.033	0.021	0.013	0.017	0.020	0.014	<0.010	0.011
Vanadium	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	4.98	2.78	1.51	1.70	1.69	1.42	1.05	1.14
Anions, meq/L	5.45	2.61	1.71	1.76	1.78	1.38	1.10	1.25
Balance, %	4.5	3.2	6.3	1.6	2.7	1.4	2.6	4.6
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample 605 153**

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	34	36	32	31	25	30
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	41	44	40	38	31	37
Aluminum	0.056	0.079	0.069	0.065	<0.20	0.065
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.11	0.11	0.094	0.11	0.080	0.094
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	15	15	14	14	12	14
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.3	1.2	1.2	1.1	0.88	0.91
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	0.027	<0.010	0.015
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.0	1.8	1.5	1.5	1.1	1.3
Manganese	0.027	0.033	0.022	0.030	0.035	0.034
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	0.010	0.011
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.45	7.62	7.68	7.54	7.52	7.70
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	2.0	1.5	1.4	1.0	<2.5	0.98
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.60	0.66	0.56	<0.50	<0.50	0.60
Strontium	0.88	0.83	0.77	0.72	0.55	0.66
Sulfate	15	12	12	9.9	8.4	9.3
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	52	50	67	39	25	32
Uranium	<0.010	<0.010	<0.010	0.006	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.00	0.97	0.89	0.86	0.69	0.87
Anions, meq/L	1.05	1.03	0.97	0.89	0.73	0.85
Balance, %	2.7	3.0	4.2	1.7	2.7	1.1
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0854

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	20	1.6	0.28	0.31	0.20	0.13	0.13	0.17
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	0.0080	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.050	<0.010	<0.010	<0.010	<0.010	0.012	0.018	0.010
Beryllium	0.010	0.0016	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.073	0.045	0.015	0.012	0.0059	0.0039	0.0038	0.0038
Calcium	180	220	120	78	37	25	23	24
Chloride	<10	<5.0	<2.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.50	0.24	0.077	0.044	0.020	0.013	0.011	0.011
Copper	830	160	33	46	34	25	29	42
Fluoride	5.5	1.7	0.51	0.64	0.45	0.48	0.59	0.29
Gallium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	44	0.61	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	0.0071	0.0030	<0.0025	0.0056	0.0048	0.0055	0.0057	0.0087
Lithium	<0.50	0.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	34	21	8.0	5.6	2.6	1.7	1.4	1.5
Manganese	7.1	5.0	1.8	1.2	0.60	0.39	0.37	0.36
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	0.20	0.12	0.042	0.026	0.012	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.25	<0.12	<0.050	<0.050	<0.025	<0.025	<0.025	<0.025
pH, stu	4.38	4.98	5.21	5.11	4.90	5.15	5.19	5.03
Phosphorus	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	30	18	7.6	5.2	2.7	1.7	1.4	1.4
Scandium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.055	0.049	0.024	0.014	0.0078	<0.0050	<0.0050	<0.0050
Silver	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	15	6.9	2.1	0.97	0.56	<0.50	<0.50	<0.50
Strontium	0.89	0.79	0.38	0.28	0.15	0.10	0.11	0.11
Sulfate	2,200	880	430	290	160	110	120	140
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	3,300	1,300	670	500	310	170	220	230
Uranium	0.18	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.050	0.019	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	6.3	3.2	0.98	0.76	0.38	0.27	0.25	0.27
Cations, meq/L	44.4	19.0	8.10	6.08	3.28	2.25	2.25	2.72
Anions, meq/L	46.3	18.5	9.03	6.07	3.35	2.32	2.53	2.93
Balance, %	2.2	1.3	5.5	<1.0	1.1	1.3	5.9	3.7
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0854

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Aluminum	0.19	0.21	0.14	0.13	0.10	0.099	0.078	0.054
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.011	0.011	0.013	0.014	0.023	0.022	0.016	0.019
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.0045	0.0051	0.0031	0.0027	<0.0050	0.0022	<0.0050	<0.0050
Calcium	22	22	15	14	12	10	6.9	5.8
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.012	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	53	61	48	52	45	43	34	30
Fluoride	0.32	0.29	0.26	0.27	0.30	0.17	0.18	0.18
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	0.012	<0.010	<0.010	<0.010	<0.050	<0.010
Lead	0.012	0.010	0.0074	0.0074	0.0065	0.0064	0.0058	0.0039
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.4	1.4	0.89	0.88	0.70	0.62	<0.50	<0.50
Manganese	0.37	0.35	0.24	0.23	0.20	0.16	0.11	0.088
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	4.90	4.81	4.78	4.79	5.06	4.99	4.68	4.92
Phosphorus	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	0.60	<0.50
Potassium	1.2	1.0	0.86	0.59	0.72	<2.5	<2.5	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	150	150	120	120	110	94	76	70
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	230	260	190	180	170	170	130	120
Uranium	<0.010	<0.010	<0.010	<0.0010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.44	0.32	0.24	0.27	0.25	0.20	0.14	0.14
Cations, meq/L	2.96	3.20	2.39	2.45	2.12	1.93	1.43	1.25
Anions, meq/L	3.14	3.14	2.51	2.51	2.31	1.97	1.59	1.47
Balance, %	3.0	1.0	2.6	1.2	4.3	1.0	5.3	8.1
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0854**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃	<1.0	<1.0
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	<1.0	<1.0
Aluminum	0.056	0.050
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	0.021	0.026
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0050	<0.0010
Calcium	5.9	3.8
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	30	24
Fluoride	0.17	0.19
Gallium	<0.10	<0.10
Iron	<0.010	<0.010
Lead	0.0032	0.0025
Lithium	<0.10	<0.10
Magnesium	<0.50	<0.50
Manganese	0.079	0.064
Mercury	<0.00010	<0.00010
Molybdenum	<0.010	<0.010
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	5.03	5.16
Phosphorus	<0.50	<0.50
Potassium	<0.50	<0.50
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	<0.50	<0.50
Strontium	<0.10	<0.10
Sulfate	71	56
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	95	75
Uranium	<0.010	<0.010
Vanadium	<0.010	<0.010
Zinc	0.13	0.11
Cations, meq/L	1.25	0.96
Anions, meq/L	1.49	1.18
Balance, %	8.6	10
WET Lab Report #	1202374	1203479

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0858

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃ , (Acidity)	(180)	(280)	<1.0	(89)	(6)	(120)	(150)	(120)
CO ₃ , CaCO ₃	N/A	N/A	<1.0	N/A	N/A	N/A	N/A	N/A
HCO ₃	N/A	N/A	<1.0	N/A	N/A	N/A	N/A	N/A
Aluminum	14	40	18	10	5.7	7.4	7.7	4.9
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050
Barium	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0050	0.0034	0.0016	0.0014	0.0010	0.0022	0.0021	0.0014
Bismuth	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.025	0.0048	0.0014	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
Calcium	90	85	27	20	18	48	38	21
Chloride	5.6	<2.0	<1.0	<10	<1.00	<1.00	<1.00	<2.0
Chromium	<0.12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0072	0.0061
Cobalt	0.060	0.070	0.022	0.014	0.014	0.046	0.054	0.036
Copper	28	20	6.1	5.1	6.1	22	24	16
Fluoride	6.9	43	30	11	5.0	4.9	3.7	2.3
Gallium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	18	22	4.2	0.44	0.072	2.3	6.5	4.5
Lead	0.0055	<0.0025	0.0026	<0.0025	<0.0025	0.0029	<0.0025	0.0083
Lithium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.0	5.2	1.6	1.2	1.0	2.5	2.0	1.4
Manganese	1.2	1.7	0.54	0.38	0.33	0.78	0.63	0.35
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.050	0.029	<0.010	<0.010	<0.010	0.014	0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
pH, stu	3.83	4.27	4.59	4.39	4.30	3.56	3.13	3.06
Phosphorus	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	12	6.6	2.8	2.5	2.1	2.2	2.0	1.8
Scandium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.010	0.0072	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050
Silver	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	9.1	5.0	1.8	1.1	0.71	1.1	1.4	1.4
Strontium	<0.50	0.17	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	560	440	160	99	97	230	260	180
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	710	720	280	200	140	320	320	230
Uranium	0.060	0.026	<0.010	<0.010	<0.010	0.047	0.067	0.045
Vanadium	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.28	0.32	0.10	0.061	0.062	0.13	0.10	0.064
Cations, meq/L	11.1	14.2	4.07	3.43	1.97	5.60	5.69	3.80
Anions, meq/L	12.2	11.5	4.91	2.66	2.28	5.05	5.61	3.87
Balance, %	4.8	11	9.3	13	7.4	5.2	<1.0	<1.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

1) Sulfate Calculated from total sulfur result. The original sulfate analysis was higher than TDS result.

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0858

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃ , (Acidity)	(290)	(320)	(310)	(340)	(330)	(280)	(320)	(400)
CO ₃ , CaCO ₃	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HCO ₃	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aluminum	11	16	9.5	11	11	6.3	9.6	9.8
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	0.0052	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	0.013	<0.010
Beryllium	0.0015	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.0027	<0.0050	0.0036	0.0055	0.0049	0.0049	0.0043	0.0066
Calcium	16	9.4	4.3	3.7	3.0	2.0	2.5	2.0
Chloride	<10	<2.0	<1.00	<1.00	<5.0	<2.0	<1.00	<1.00
Chromium	0.029	0.046	0.022	0.024	0.021	0.0079	0.014	0.016
Cobalt	0.058	0.068	0.045	0.055	0.055	0.040	0.048	0.057
Copper	21	18	11	10	7.5	5.1	4.7	3.7
Fluoride	2.1	1.4	0.44	0.71	0.58	0.37	0.30	<0.20
Gallium	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	18	36	28	46	47	44	43	57
Lead	0.0068	0.0087	0.0043	0.0075	0.0066	0.0052	0.0053	0.013
Lithium	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.8	<2.5	1.2	1.4	1.4	1.1	1.5	1.4
Manganese	0.35	0.36	0.19	0.18	0.13	0.10	0.11	0.10
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.25	<0.050	<0.025	<0.025	<0.12	<0.050	<0.12	<0.050
pH, stu	2.78	2.69	2.67	2.63	2.69	2.76	2.67	2.65
Phosphorus	<0.50	<2.5	<0.50	<0.50	0.59	<0.50	<0.50	<0.50
Potassium	1.4	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	1.6	<2.5	1.7	1.8	1.8	1.8	1.8	1.7
Strontium	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	350 ¹⁾	330	340 ¹⁾	390	440	340	390	340
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.50	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	350	390	300	460	460	300	410	450
Uranium	0.047	0.031	0.020	0.017	0.015	0.013	0.014	0.010
Vanadium	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.16	0.11	0.033	0.044	0.041	0.029	0.036	0.083
Cations, meq/L	6.88	8.27	6.47	7.86	7.70	6.36	7.12	8.64
Anions, meq/L	8.02	6.94	8.35	8.16	9.19	7.10	8.97	7.08
Balance, %	7.7	8.7	13	1.8	8.8	5.5	11	10
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

1) Sulfate Calculated from total sulfur result. The original sulfate analysis was higher than TDS result.

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0858**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃ , (Acidity)	(380)	(370)
CO ₃ , CaCO ₃	N/A	N/A
HCO ₃	N/A	N/A
Aluminum	8.5	7.2
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	<0.010	<0.010
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	0.0066	0.0047
Calcium	1.5	1.8
Chloride	<5.0	<5.0
Chromium	0.011	0.0087
Cobalt	0.056	0.056
Copper	3.5	3.5
Fluoride	<0.50	<0.50
Gallium	<0.10	<0.10
Iron	56	46
Lead	0.0034	0.0045
Lithium	<0.10	<0.10
Magnesium	1.4	1.7
Manganese	0.076	0.11
Mercury	<0.00010	<0.00010
Molybdenum	<0.010	<0.010
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.12	<0.12
pH, stu	2.63	2.63
Phosphorus	<0.50	<0.50
Potassium	<0.50	<0.50
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	1.9	1.8
Strontium	<0.10	<0.10
Sulfate	370 ¹⁾	330 ¹⁾
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	330	410
Uranium	0.011	0.011
Vanadium	<0.010	<0.010
Zinc	0.025	0.028
Cations, meq/L	8.22	7.47
Anions, meq/L	10.2	9.58
Balance, %	11	12
WET Lab Report #	1202374	1203479

1) Sulfate Calculated from total sulfur result. The original sulfate analysis was higher than TDS result.

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0864**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	33	27	31	33	25	24	31	29
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	40	33	38	40	30	30	38	35
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.014	0.018	<0.010	<0.010	0.011	<0.010	0.011	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	64	99	39	12	11	8.9	10	8.9
Chloride	4.9	4.8	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.4	2.2	2.1	2.1	2.0	0.86	0.66	0.51
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.050	<0.010	0.014	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	10	19	6.9	2.2	2.0	1.6	1.7	1.4
Manganese	0.057	0.12	0.042	0.014	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.029	0.075	0.049	0.045	0.027	<0.050	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	4.7	2.0	<1.0	<1.0	3.1	<1.0	<1.0	<1.0
Nitrite as N	0.090	0.085	<0.025	0.061	0.27	<0.025	<0.025	<0.025
pH, stu	7.45	7.60	7.12	7.98	8.51	8.00	7.91	7.90
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	4.1	4.8	2.6	1.7	1.6	0.81	1.2	<2.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.0054	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	17	29	13	6.2	3.5	1.3	1.2	0.91
Strontium	0.27	0.44	0.17	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	250	310	120	16	7.7	7.2	5.9	4.7
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	390	560	230	94	64	42	44	70
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	0.020	0.026	0.011	<0.010	0.011	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	4.86	7.89	3.15	1.09	0.91	0.65	0.72	0.64
Anions, meq/L	6.41	7.39	3.26	1.10	0.98	0.69	0.78	0.70
Balance, %	14	3.3	1.7	<1.0	3.8	2.5	3.9	4.2
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0864

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	29	25	18	29	28	23
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	36	31	21	35	34	28
Aluminum	<0.045	0.047	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.012	0.015	0.010	0.011	0.014	0.012
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	9.1	8.4	8.5	9.4	11	8.7
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.35	0.32	0.27	0.28	0.20	0.14
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	0.016	<0.010	<0.010	0.023
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.5	1.4	1.4	1.4	1.5	1.2
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	2.6	<1.0	<1.0	1.1
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.01	7.78	7.38	7.73	7.69	7.46
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	1.1	0.98	1.0	1.1	1.1	0.91
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	0.66	0.69	0.65	<0.50	0.62	0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	3.9	3.2	2.8	2.3	1.6	1.8
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	40	34	46	74	48	27
Uranium	<0.010	<0.010	<0.010	<0.0010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.63	0.59	0.59	0.61	0.73	0.58
Anions, meq/L	0.69	0.59	0.60	0.64	0.60	0.58
Balance, %	4.2	<1.0	<1.0	1.9	9.5	<1.0
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0866**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	24	17	25	22	13	7.7	7.7	4.6
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	29	21	31	27	16	9.4	9.4	5.7
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.012	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	38	50	19	9.9	17	13	10	8.0
Chloride	5.2	3.7	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.55	1.4	1.5	1.3	0.61	0.61	0.60	0.56
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.8	6.7	2.4	1.2	2.0	1.4	1.1	0.83
Manganese	0.085	0.093	0.035	0.0087	0.011	0.0060	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	0.026	0.022	0.028	0.028	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	3.6	1.2	<1.0	<1.0	2.4	<1.0	<1.0	<1.0
Nitrite as N	0.026	0.029	<0.025	<0.025	0.54	<0.025	<0.025	<0.025
pH, stu	7.47	7.42	7.32	7.54	6.30	6.94	7.04	6.98
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	4.0	4.7	2.4	2.1	2.6	2.2	2.1	1.9
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	6.3	9.3	3.9	2.2	1.4	0.75	0.56	<0.50
Strontium	0.36	0.52	0.19	<0.10	0.18	0.12	<0.10	<0.10
Sulfate	110	130	49	12	34	33	24	22
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	220	220	94	60	86	82	48	57
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.67	3.57	1.38	0.74	1.14	0.85	0.67	0.52
Anions, meq/L	3.20	3.31	1.62	0.76	1.17	0.87	0.69	0.58
Balance, %	9.0	3.8	8.2	1.2	1.4	1.2	1.3	5.9
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0866

Analysis, mg/L	Extract Week					
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44 ²⁾
Alkalinity, CaCO ₃	4.2	3.4	2.1	2.0	1.9	1.6
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	5.1	4.2	2.5	2.5	2.3	2.0
Aluminum	0.048	0.075	0.049	0.078	0.088	0.064
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	0.016	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.5	6.0	5.2	4.4	3.2	4.2
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.70	0.70	0.89	0.99	0.81	0.73
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	0.81	0.64	0.55	<0.50	<0.50	<0.50
Manganese	<0.0050	<0.0050	0.010	0.0051	0.0065	0.0095
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	6.60	6.62	6.49	6.42	6.44	6.38
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	1.9	1.5	1.8	2.2	1.6	1.5
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	0.56	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	21	16	13	10	6.6	5.9
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	28	29	26	15	12	16
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.023	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.50	0.40	0.36	0.31	0.21	0.26
Anions, meq/L	0.56	0.44	0.36	0.30	0.22	0.29
Balance, %	5.9	4.8	<1.0	1.3	1.7	5.8
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047

²⁾ Test terminated on 12/09/11

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0867**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	1.6	10	9.4	14	24	23	24	18
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	2.0	12	12	17	30	28	29	22
Aluminum	2.3	0.055	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	0.0027	0.0034	0.0045	0.0058	0.0052	0.0048	0.0069
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	0.011
Beryllium	0.0024	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.16	0.32	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.015	0.0047	0.0013	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	130	200	170	130	50	39	27	23
Chloride	4.3	6.2	<2.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.12	0.070	0.021	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	30	0.72	0.12	<0.050	<0.050	<0.050	<0.050	0.061
Fluoride	3.6	1.2	1.5	2.1	2.1	1.8	1.4	1.3
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	3.4	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	0.42	0.31	0.12	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	13	22	17	8.3	2.7	2.3	1.7	1.6
Manganese	4.7	6.2	3.6	1.3	0.23	0.17	0.096	0.027
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	0.013	0.023	0.019	<0.050	0.020
Nickel	0.24	0.083	0.022	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.050	<0.050	<0.050	<0.025	<0.025	<0.025	<0.025
pH, stu	5.30	6.78	6.51	7.21	6.43	7.31	7.46	7.55
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	8.2	7.5	5.3	3.4	1.7	0.97	0.90	0.91
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.011	0.016	0.0099	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	7.2	12	5.5	1.6	0.76	<0.50	<0.50	<0.50
Strontium	0.34	0.49	0.37	0.23	0.11	<0.10	<0.10	<0.10
Sulfate	610	530	550	320	110	75	51	48
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	840	900	840	580	210	150	100	110
Uranium	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	0.019	0.022	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.58	0.12	0.022	0.018	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	9.65	12.8	10.4	7.37	2.80	2.17	1.51	1.31
Anions, meq/L	13.0	11.5	11.8	7.05	2.89	2.12	1.61	1.43
Balance, %	15	5.3	6.2	2.2	1.6	1.2	3.1	4.5
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0867**

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52 ³⁾
Alkalinity, CaCO ₃	13	14	6.4	20	17	19	19	22
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	16	17	7.8	25	21	24	24	27
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0066	0.0069	<0.0025	0.0076	0.0073	0.0075	0.0067	0.0066
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.012	0.011	0.013	0.013	0.016	0.017	0.020	0.024
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	18	16	32	14	14	13	13	14
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.059
Fluoride	0.92	0.73	0.49	0.56	0.44	0.32	0.33	0.40
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.4	1.3	0.68	1.2	1.2	1.2	1.2	1.3
Manganese	0.012	0.0084	<0.0050	0.010	0.012	0.014	0.025	0.026
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.019	0.016	0.35	0.013	0.011	0.011	0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	6.92	7.14	6.85	7.26	7.27	7.45	7.46	7.66
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	0.73	0.52	<0.50	<2.5	<0.50	<0.50	<2.5	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	37	32	80	23	20	16	14	15
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	69	63	160	59	73	22	48	40
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.03	0.92	1.65	0.80	0.80	0.75	0.75	0.81
Anions, meq/L	1.08	0.98	1.82	0.92	0.78	0.74	0.70	0.78
Balance, %	2.3	3.4	4.8	7.0	<1.0	<1.0	3.2	2.1
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

³⁾ Test terminated on 02/17/12

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0872**

Analysis, mg/L	Extract Week							
	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	<1.0	15	17	13	8.9	12	16	20
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	<1.0	18	20	16	11	15	19	25
Aluminum	4.9	0.068	0.053	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	0.0033	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	0.013	0.0027	<0.0050	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	250	330	260	240	140	74	34	32
Chloride	4.2	<5.0	<2.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	0.091	0.024	0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	6.2	0.14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	3.3	0.74	0.89	1.4	1.3	1.9	1.0	0.75
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	6.1	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.050
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	11	19	12	7.8	2.6	0.78	<0.50	0.56
Manganese	3.4	3.8	2.3	1.2	0.37	0.092	0.041	0.033
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	0.013	0.020	0.024	0.079
Nickel	0.020	0.014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.12	<0.050	<0.050	<0.025	<0.025	<0.025	<0.025
pH, stu	4.93	7.00	6.66	7.14	6.19	7.10	7.38	7.52
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	7.8	4.4	2.7	2.0	1.0	0.52	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.0089	0.014	0.0078	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	6.2	6.0	2.4	0.97	<0.50	<0.50	<0.50	<0.50
Strontium	0.39	0.29	0.18	0.12	<0.10	<0.10	<0.10	<0.10
Sulfate	910	830	800	650	380	160	68	64
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	1,300	1,400	1,200	1,000	560	300	150	160
Uranium	0.055	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	0.013	0.021	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.82	0.084	0.023	0.11	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	15.1	18.6	14.2	12.8	7.24	3.77	1.70	1.64
Anions, meq/L	19.2	17.7	17.0	13.9	8.16	3.68	1.78	1.78
Balance, %	12	2.3	9.0	4.2	6.0	1.3	2.3	4.0
WET Lab Report #	1101435	1102063	1102168	1102331	1103402	1104345	1105313	1106342

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0872

Analysis, mg/L	Extract Week							
	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48	Week 52
Alkalinity, CaCO ₃	21	12	12	16	19	10	9.2	7.6
CO ₃ , CaCO ₃	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	26	14	15	20	24	13	11	9.2
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.015	0.014	0.010	0.019	0.020	0.015	0.022	0.018
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	33	32	13	32	29	21	21	18
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.57	0.58	0.68	0.29	0.27	0.25	0.29	0.26
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	0.012	<0.010	0.011
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	0.67	0.65	1.0	0.94	0.98	0.79	0.93	0.80
Manganese	0.022	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.21	0.29	0.016	0.33	0.31	0.24	0.25	0.19
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.07	7.05	7.10	7.19	7.26	7.16	7.00	6.63
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	0.61	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	63	70	27	67	54	40	41	36
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	130	150	53	130	120	78	100	88
Uranium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.038	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.70	1.65	0.75	1.67	1.53	1.11	1.12	0.96
Anions, meq/L	1.77	1.72	0.84	1.74	1.53	1.06	1.05	0.91
Balance, %	1.8	2.0	6.1	1.9	<1.0	2.5	3.5	2.7
WET Lab Report #	1107281	1108216	1109159	1110123	1111082	1112047	1112489	1201427

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Project, Sample SRK 0872**

Analysis, mg/L	Extract Week	
	Week 56	Week 60
Alkalinity, CaCO ₃	11	17
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	13	21
Aluminum	<0.045	<0.045
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	0.021	0.024
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0010	0.0012
Calcium	18	16
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	<0.050	<0.050
Fluoride	0.35	0.32
Gallium	<0.10	<0.10
Iron	<0.050	<0.050
Lead	<0.0025	<0.0025
Lithium	<0.10	<0.10
Magnesium	0.97	0.93
Manganese	<0.0050	<0.0050
Mercury	<0.00010	<0.00010
Molybdenum	0.20	0.15
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	6.86	7.34
Phosphorus	<0.50	<0.50
Potassium	<0.50	<0.50
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	<0.50	<0.50
Strontium	<0.10	<0.10
Sulfate	39	30
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	89	86
Uranium	<0.010	<0.010
Vanadium	<0.010	<0.010
Zinc	<0.010	<0.010
Cations, meq/L	0.98	0.87
Anions, meq/L	1.04	0.99
Balance, %	3.2	6.0
WET Lab Report #	1202374	1203479

Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Sample

Analysis, mg/L	Extract Week								
	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12	Week 16	Week 20
Alkalinity, CaCO ₃	130	150	130	98	57	63	70	67	68
CO ₃ , CaCO ₃	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO ₃	150	180	160	120	69	77	86	82	83
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0031	0.0015	0.0012	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	0.013	0.057	0.070	0.050	0.072	0.050	0.068	0.070	0.072
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	90	53	55	36	53	42	39	40	32
Chloride	38	1.1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	1.1	3.0	2.6	2.1	1.5	1.6	1.7	1.8	2.0
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0010	<0.0010	<0.0025	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	9.9	7.0	7.7	5.2	7.3	6.8	6.7	7.2	6.2
Manganese	0.020	0.060	0.059	0.044	0.043	0.047	0.048	0.052	0.043
Mercury	0.0036	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	0.19	0.077	0.040	0.013	0.018	0.019	0.016	0.019	0.018
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.56	<0.050	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.38	7.99	8.04	7.89	7.55	7.92	7.94	7.88	7.83
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	40	28	26	16	13	6.8	5.0	4.2	2.8
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	0.014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	89	28	9.0	3.1	1.8	1.3	0.89	1.0	0.72
Strontium	1.2	0.72	0.74	0.51	0.67	0.60	0.45	0.46	0.39
Sulfate	270	100	65	39	110	76	53	55	49
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	640	340	260	180	230	180	190	160	140
Uranium	0.040	0.054	0.049	0.031	0.028	0.032	0.025	0.020	0.017
Vanadium	0.013	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	0.014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	10.2	5.16	4.44	2.77	3.66	2.89	2.67	2.74	2.21
Anions, meq/L	9.27	5.22	4.11	2.89	3.50	2.93	2.60	2.58	2.49
Balance, %	4.8	<1.0	3.8	2.1	2.2	<1.0	1.2	3.0	5.8
WET Lab Report #	1109289	1109409	1109542	1110122	1110250	1111214	1112182	1201095	1202066

**Table . - Profile II Analytical Results, HC Extracts,
Copper Flat Sample**

Analysis, mg/L	Extract Week	
	Week 24	Week 28
Alkalinity, CaCO ₃	83	83
CO ₃ , CaCO ₃	<1.0	<1.0
HCO ₃	100	100
Aluminum	<0.045	<0.045
Antimony	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050
Barium	0.10	0.11
Beryllium	<0.0010	<0.0010
Bismuth	<0.10	<0.10
Boron	<0.10	<0.10
Cadmium	<0.0010	<0.0010
Calcium	33	34
Chloride	<1.00	<1.00
Chromium	<0.0050	<0.0050
Cobalt	<0.010	<0.010
Copper	<0.050	<0.050
Fluoride	1.9	2.1
Gallium	<0.10	<0.10
Iron	<0.010	<0.010
Lead	<0.0025	<0.0025
Lithium	<0.10	<0.10
Magnesium	6.6	6.6
Manganese	0.054	0.043
Mercury	<0.00010	<0.00010
Molybdenum	0.016	0.014
Nickel	<0.010	<0.010
Nitrate as N	<1.0	<1.0
Nitrite as N	<0.025	<0.025
pH, stu	8.10	7.88
Phosphorus	<0.50	<0.50
Potassium	2.8	2.4
Scandium	<0.10	<0.10
Selenium	<0.0050	<0.0050
Silver	<0.0050	<0.0050
Sodium	0.73	0.65
Strontium	0.39	0.38
Sulfate	38	34
Thallium	<0.0010	<0.0010
Tin	<0.10	<0.10
Titanium	<0.10	<0.10
Total Dissolved Solids	130	130
Uranium	0.018	0.018
Vanadium	<0.010	<0.010
Zinc	<0.010	<0.010
Cations, meq/L	2.30	2.33
Anions, meq/L	2.53	2.46
Balance, %	4.9	2.6
WET Lab Report #	1203051	1203592

WetLab Laboratory Reports

Specializing in Soil, Hazardous Waste and Water Analysis.

4/6/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1203479

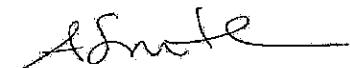
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 3/23/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Page 1 of 17

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Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1203479

General Comments

On Sample 1203479-005 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1203479-003 Potassium
1203479-005 Nitrite Nitrogen, Chloride, Fluoride
1203479-006 Iron

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

Date Printed: 4/6/2012

1016 Greg Street

OrderID: 1203479

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Customer Sample ID: 604 669 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-001

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.57	pH Units		3/23/2012
Bicarbonate (HCO ₃)	SM 2320B	33	mg/L	1.0	3/23/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Total Alkalinity	SM 2320B	27	mg/L as CaCO ₃	1.0	3/23/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/23/2012
Fluoride	EPA 300.0	0.37	mg/L	0.10	3/23/2012
Sulfate	EPA 300.0	33	mg/L	1.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/23/2012
Total Dissolved Solids (TDS)	SM 2540C	85	mg/L	10	3/26/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/29/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Calcium	EPA 200.7	16	mg/L	0.50	3/29/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/29/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Magnesium	EPA 200.7	3.4	mg/L	0.50	3/29/2012
Manganese	EPA 200.7	1.0	mg/L	0.0050	3/29/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/29/2012

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Customer Sample ID: 604 669 WK:60
 WETLAB Sample ID: 1203479-001

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Potassium	EPA 200.7	0.90	mg/L	0.50	3/29/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Strontium	EPA 200.7	0.12	mg/L	0.10	3/29/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Zinc	EPA 200.7	0.012	mg/L	0.010	3/29/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/30/2012
Anions	Calculation	1.25	meq/L	0.10	
Cations	Calculation	1.14	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: 604 673 WK:60
 WETLAB Sample ID: 1203479-002

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.96	pH Units		3/23/2012
Bicarbonate (HCO ₃)	SM 2320B	1.0	mg/L	1.0	3/23/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	3/23/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/23/2012
Fluoride	EPA 300.0	0.37	mg/L	0.10	3/23/2012
Sulfate	EPA 300.0	18	mg/L	1.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/23/2012
Total Dissolved Solids (TDS)	SM 2540C	43	mg/L	10	3/26/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/29/2012

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Customer Sample ID: 604 673 WK:60
 WETLAB Sample ID: 1203479-002

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Barium	EPA 200.7	0.054	mg/L	0.010	3/29/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Calcium	EPA 200.7	5.7	mg/L	0.50	3/29/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Copper	EPA 200.7	0.24	mg/L	0.050	3/29/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Magnesium	EPA 200.7	0.83	mg/L	0.50	3/29/2012
Manganese	EPA 200.7	0.050	mg/L	0.0050	3/29/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Potassium	EPA 200.7	0.92	mg/L	0.50	3/29/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Zinc	EPA 200.7	0.031	mg/L	0.010	3/29/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/30/2012
Anions	Calculation	0.41	meq/L	0.10	
Cations	Calculation	0.39	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 767 WK:60
 WETLAB Sample ID: 1203479-003

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.70	pH Units		3/23/2012
Bicarbonate (HCO ₃)	SM 2320B	41	mg/L	1.0	3/23/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Total Alkalinity	SM 2320B	33	mg/L as CaCO ₃	1.0	3/23/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/23/2012
Fluoride	EPA 300.0	1.8	mg/L	0.10	3/23/2012
Sulfate	EPA 300.0	23	mg/L	1.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/23/2012
Total Dissolved Solids (TDS)	SM 2540C	70	mg/L	10	3/26/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/29/2012
Barium	EPA 200.7	0.033	mg/L	0.010	3/29/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Calcium	EPA 200.7	15	mg/L	0.50	3/29/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/29/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Magnesium	EPA 200.7	4.8	mg/L	0.50	3/29/2012
Manganese	EPA 200.7	0.15	mg/L	0.0050	3/29/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Potassium	EPA 200.7	<2.5	mg/L	2.5	3/30/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Strontium	EPA 200.7	0.13	mg/L	0.10	3/29/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Zinc	EPA 200.7	0.011	mg/L	0.010	3/29/2012

Customer Sample ID: 604 767 WK:60
 WETLAB Sample ID: 1203479-003

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/30/2012
Anions	Calculation	1.25	meq/L	0.10	
Cations	Calculation	1.15	meq/L	0.10	
Error	Calculation	4.0	%	1.0	

Customer Sample ID: SRK 0854 WK:60
 WETLAB Sample ID: 1203479-004

Collect Date/Time: 3/23/2012 09:00
 Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.16	pH Units		3/23/2012
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	3/23/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/23/2012
Fluoride	EPA 300.0	0.19	mg/L	0.10	3/23/2012
Sulfate	EPA 300.0	56	mg/L	1.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/23/2012
Total Dissolved Solids (TDS)	SM 2540C	75	mg/L	10	3/26/2012
Aluminum	EPA 200.7	0.050	mg/L	0.045	3/29/2012
Barium	EPA 200.7	0.026	mg/L	0.010	3/29/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Calcium	EPA 200.7	3.8	mg/L	0.50	3/29/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Copper	EPA 200.7	24	mg/L	0.050	3/29/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/29/2012

Customer Sample ID: SRK 0854 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-004

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Manganese	EPA 200.7	0.064	mg/L	0.0050	3/29/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Zinc	EPA 200.7	0.11	mg/L	0.010	3/29/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	0.0025	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/30/2012
Anions	Calculation	1.18	meq/L	0.10	
Cations	Calculation	0.96	meq/L	0.10	
Error	Calculation	10	%	1.0	

Customer Sample ID: SRK 0858 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-005

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.63	pH Units		3/23/2012
Acidity (Titrimetric)	SM 2310B	370	mg/L as CaCO ₃		3/23/2012
Chloride	EPA 300.0	<5.0	mg/L	5.0	3/23/2012
Fluoride	EPA 300.0	<0.50	mg/L	0.50	3/23/2012
Sulfate	EPA 300.0	460	mg/L	5.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	3/23/2012
Sulfate (as calculated from S)	Calc.	330	mg/L	1.0	4/4/2012

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Customer Sample ID: SRK 0858 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-005

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Dissolved Solids (TDS)	SM 2540C	410	mg/L	10	3/26/2012
Sulfur	EPA 200.7	110	mg/L	20	4/4/2012
Aluminum	EPA 200.7	7.2	mg/L	0.045	3/29/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/29/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Cadmium	EPA 200.7	0.0047	mg/L	0.0010	3/29/2012
Calcium	EPA 200.7	1.8	mg/L	0.50	3/29/2012
Chromium	EPA 200.7	0.0087	mg/L	0.0050	3/29/2012
Cobalt	EPA 200.7	0.056	mg/L	0.010	3/29/2012
Copper	EPA 200.7	3.5	mg/L	0.050	3/29/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Iron	EPA 200.7	46	mg/L	0.010	3/29/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Magnesium	EPA 200.7	1.7	mg/L	0.50	3/29/2012
Manganese	EPA 200.7	0.11	mg/L	0.0050	3/29/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/29/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/29/2012
Sodium	EPA 200.7	1.8	mg/L	0.50	3/29/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/29/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/29/2012
Zinc	EPA 200.7	0.028	mg/L	0.010	3/29/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	0.0045	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	0.011	mg/L	0.010	3/30/2012
Anions	Calculation	9.58	meq/L	0.10	
Cations	Calculation	7.47	meq/L	0.10	

Customer Sample ID: SRK 0858 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-005

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	12	%	1.0	

Customer Sample ID: SRK 0872 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-006

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.34	pH Units		3/23/2012
Bicarbonate (HCO3)	SM 2320B	21	mg/L	1.0	3/23/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/23/2012
Total Alkalinity	SM 2320B	17	mg/L as CaCO3	1.0	3/23/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/23/2012
Fluoride	EPA 300.0	0.32	mg/L	0.10	3/23/2012
Sulfate	EPA 300.0	30	mg/L	1.0	3/23/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/23/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/23/2012
Total Dissolved Solids (TDS)	SM 2540C	86	mg/L	10	3/26/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/30/2012
Barium	EPA 200.7	0.024	mg/L	0.010	3/30/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/30/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Cadmium	EPA 200.7	0.0012	mg/L	0.0010	3/30/2012
Calcium	EPA 200.7	16	mg/L	0.50	3/30/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/30/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/30/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/30/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	3/30/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Magnesium	EPA 200.7	0.93	mg/L	0.50	3/30/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/30/2012
Molybdenum	EPA 200.7	0.15	mg/L	0.010	3/30/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/30/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/30/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/30/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/30/2012

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Customer Sample ID: SRK 0872 WK:60

Collect Date/Time: 3/23/2012 09:00

WETLAB Sample ID: 1203479-006

Receive Date: 3/23/2012 13:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/30/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/30/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/30/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/30/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/30/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/30/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/30/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/30/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/30/2012
Anions	Calculation	0.99	meq/L	0.10	
Cations	Calculation	0.87	meq/L	0.10	
Error	Calculation	6.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12030920	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12030920	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12030924	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12030924	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12030924	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12030928	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030928	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030932	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030932	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030934	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12030934	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12030986	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030986	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030986	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12031063	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC12031064	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L

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QCBatchID	QCType	Parameter	Method	Result	Units
QC12031081	Blank 1	Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC12031082	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12030881	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC12030881	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC12030886	LCS 1	Alkalinity	SM 2320B	99.8	100	100	mg/L
QC12030886	LCS 2	Alkalinity	SM 2320B	100	100	100	mg/L
QC12030920	LCS 1	Fluoride	EPA 300.0	1.87	2.00	93	mg/L
QC12030924	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC12030928	LCS 1	Nitrite Nitrogen	EPA 300.0	0.511	0.500	102	mg/L
QC12030932	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC12030934	LCS 1	Sulfate	EPA 300.0	24.1	25.0	97	mg/L
QC12030986	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	145	150	97	mg/L
QC12030986	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	155	150	103	mg/L
QC12030986	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L
QC12031063	LCS 1	Aluminum	EPA 200.7	0.990	1.00	99	mg/L
		Barium	EPA 200.7	1.00	1.00	100	mg/L
		Beryllium	EPA 200.7	0.996	1.00	100	mg/L
		Bismuth	EPA 200.7	0.979	1.00	98	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12031064	LCS 1	Boron	EPA 200.7	0.969	1.00	97	mg/L
		Cadmium	EPA 200.7	1.01	1.00	101	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	0.998	1.00	100	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	4.92	5.00	98	mg/L
		Gallium	EPA 200.7	0.985	1.00	98	mg/L
		Iron	EPA 200.7	1.01	1.00	101	mg/L
		Lithium	EPA 200.7	0.997	1.00	100	mg/L
		Magnesium	EPA 200.7	10.3	10.0	103	mg/L
		Manganese	EPA 200.7	1.00	1.00	100	mg/L
		Molybdenum	EPA 200.7	0.969	1.00	97	mg/L
		Nickel	EPA 200.7	5.05	5.00	101	mg/L
		Phosphorus	EPA 200.7	5.14	5.00	103	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.984	1.00	98	mg/L
		Silver	EPA 200.7	0.089	0.090	99	mg/L
		Sodium	EPA 200.7	9.79	10.0	98	mg/L
		Strontium	EPA 200.7	0.965	1.00	96	mg/L
		Tin	EPA 200.7	0.969	1.00	97	mg/L
		Titanium	EPA 200.7	1.00	1.00	100	mg/L
		Vanadium	EPA 200.7	0.988	1.00	99	mg/L
		Zinc	EPA 200.7	1.04	1.00	104	mg/L
QC12031081	LCS 1	Aluminum	EPA 200.7	0.990	1.00	99	mg/L
		Barium	EPA 200.7	1.00	1.00	100	mg/L
		Beryllium	EPA 200.7	0.996	1.00	100	mg/L
		Bismuth	EPA 200.7	0.979	1.00	98	mg/L
		Boron	EPA 200.7	0.969	1.00	97	mg/L
		Cadmium	EPA 200.7	1.01	1.00	101	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	0.998	1.00	100	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	4.92	5.00	98	mg/L
		Gallium	EPA 200.7	0.985	1.00	98	mg/L
		Iron	EPA 200.7	1.01	1.00	101	mg/L
		Lithium	EPA 200.7	0.997	1.00	100	mg/L
		Magnesium	EPA 200.7	10.3	10.0	103	mg/L
		Manganese	EPA 200.7	1.00	1.00	100	mg/L
		Molybdenum	EPA 200.7	0.969	1.00	97	mg/L
		Nickel	EPA 200.7	5.05	5.00	101	mg/L
		Phosphorus	EPA 200.7	5.14	5.00	103	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.984	1.00	98	mg/L
		Silver	EPA 200.7	0.089	0.090	99	mg/L
		Sodium	EPA 200.7	9.79	10.0	98	mg/L
		Strontium	EPA 200.7	0.965	1.00	96	mg/L
		Tin	EPA 200.7	0.969	1.00	97	mg/L
		Titanium	EPA 200.7	1.00	1.00	100	mg/L
		Vanadium	EPA 200.7	0.988	1.00	99	mg/L
		Zinc	EPA 200.7	1.04	1.00	104	mg/L
QC12031081	LCS 1	Mercury	EPA 200.8	0.000953	0.001	95	mg/L
		Antimony	EPA 200.8	0.0094	0.010	94	mg/L
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units					
QC12031082	LCS 1	Lead	EPA 200.8	0.0090	0.010	90	mg/L					
		Selenium	EPA 200.8	0.0456	0.050	91	mg/L					
		Thallium	EPA 200.8	0.0091	0.010	91	mg/L					
		Uranium	EPA 200.8	0.0089	0.010	89	mg/L					
		Mercury	EPA 200.8	0.000953	0.001	95	mg/L					
		Antimony	EPA 200.8	0.0094	0.010	94	mg/L					
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L					
		Lead	EPA 200.8	0.0090	0.010	90	mg/L					
		Selenium	EPA 200.8	0.0456	0.050	91	mg/L					
		Thallium	EPA 200.8	0.0091	0.010	91	mg/L					
		Uranium	EPA 200.8	0.0089	0.010	89	mg/L					
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC12030881	Duplicate	pH	SM 4500-H+B	1203474-001	7.82	7.88	pH Units	1 %				
QC12030881	Duplicate	pH	SM 4500-H+B	1203469-005	7.87	7.90	pH Units	<1%				
QC12030881	Duplicate	pH	SM 4500-H+B	1203479-001	7.57	7.56	pH Units	<1%				
QC12030881	Duplicate	pH	SM 4500-H+B	1203484-001	8.08	8.14	pH Units	1 %				
QC12030886	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203474-001	77.0	86.2	mg/L	11 %				
		Carbonate (CO ₃)	SM 2320B	1203474-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1203474-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1203474-001	63.2	70.6	mg/L as CaCO ₃	11 %				
QC12030886	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203469-005	174	174	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1203469-005	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1203469-005	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1203469-005	143	142	mg/L as CaCO ₃	<1%				
QC12030886	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203479-001	33.2	35.8	mg/L	8 %				
		Carbonate (CO ₃)	SM 2320B	1203479-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1203479-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1203479-001	27.2	29.4	mg/L as CaCO ₃	8 %				
QC12030886	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203484-001	782	725	mg/L	8 %				
		Carbonate (CO ₃)	SM 2320B	1203484-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1203484-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1203484-001	641	594	mg/L as CaCO ₃	8 %				
QC12030986	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203467-002	904	930	mg/L	3 %				
QC12030986	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203472-003	367	358	mg/L	2 %				
QC12030986	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203476-004	3700	3690	mg/L	<1%				
QC12030986	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203483-001	2376	2328	mg/L	2 %				
QC12030986	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203485-004	367	363	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12030920	MS 1	Fluoride	EPA 300.0	1203483-001	1.43	39.2	39.4	2.00	mg/L	94	95	1 %
QC12030924	MS 1	Chloride	EPA 300.0	1203479-001	<1.000	5.14	5.23	5.00	mg/L	102	104	2 %
QC12030924	MS 2	Chloride	EPA 300.0	1203483-001	734	837	838	5.00	mg/L	102	104	<1%
QC12030928	MS 1	Nitrite Nitrogen	EPA 300.0	1203479-001	<0.025	0.510	0.529	0.500	mg/L	101	104	4 %
QC12030932	MS 1	Nitrate Nitrogen	EPA 300.0	1203479-001	<1.000	2.01	2.07	2.00	mg/L	99	102	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC12030934	MS 1	Sulfate	EPA 300.0	1203479-001	32.7	41.3	41.5	10.0	mg/L	87	88	<1%	
QC12031063	MS 1	Aluminum	EPA 200.7	1203468-003	0.190	1.27	1.24	1.00	mg/L	108	105	2 %	
		Barium	EPA 200.7	1203468-003	0.024	1.01	0.963	1.00	mg/L	99	94	5 %	
		Beryllium	EPA 200.7	1203468-003	<0.001	0.978	0.933	1.00	mg/L	98	93	5 %	
		Bismuth	EPA 200.7	1203468-003	<0.100	0.953	0.939	1.00	mg/L	98	97	1 %	
		Boron	EPA 200.7	1203468-003	0.153	1.15	1.11	1.00	mg/L	100	96	4 %	
		Cadmium	EPA 200.7	1203468-003	<0.001	0.982	0.920	1.00	mg/L	98	92	7 %	
		Calcium	EPA 200.7	1203468-003	106	116	115	10.0	mg/L	100	90	1 %	
		Chromium	EPA 200.7	1203468-003	<0.005	0.982	0.937	1.00	mg/L	98	94	5 %	
		Cobalt	EPA 200.7	1203468-003	<0.010	0.971	0.921	1.00	mg/L	97	92	5 %	
		Copper	EPA 200.7	1203468-003	<0.050	5.00	4.76	5.00	mg/L	100	95	5 %	
		Gallium	EPA 200.7	1203468-003	<0.100	0.978	0.955	1.00	mg/L	97	95	2 %	
		Iron	EPA 200.7	1203468-003	0.186	1.18	1.15	1.00	mg/L	99	96	3 %	
		Lithium	EPA 200.7	1203468-003	<0.100	1.03	1.01	1.00	mg/L	99	97	2 %	
		Magnesium	EPA 200.7	1203468-003	31.4	41.2	39.1	10.0	mg/L	98	77	5 %	
		Manganese	EPA 200.7	1203468-003	<0.005	0.942	0.896	1.00	mg/L	98	93	5 %	
		Molybdenum	EPA 200.7	1203468-003	<0.010	0.971	0.935	1.00	mg/L	97	94	4 %	
		Nickel	EPA 200.7	1203468-003	<0.010	4.81	4.56	5.00	mg/L	96	91	5 %	
		Phosphorus	EPA 200.7	1203468-003	<0.500	5.26	4.83	5.00	mg/L	105	96	9 %	
		Potassium	EPA 200.7	1203468-003	1.67	12.1	12.1	10.0	mg/L	104	104	<1%	
		Scandium	EPA 200.7	1203468-003	<0.100	0.972	0.944	1.00	mg/L	97	94	3 %	
		Silver	EPA 200.7	1203468-003	<0.005	0.089	0.086	0.090	mg/L	100	97	3 %	
		Sodium	EPA 200.7	1203468-003	24.4	34.2	34.7	10.0	mg/L	98	103	1 %	
		Strontium	EPA 200.7	1203468-003	0.427	1.39	1.41	1.00	mg/L	96	98	1 %	
		Tin	EPA 200.7	1203468-003	<0.100	0.885	0.842	1.00	mg/L	97	93	5 %	
		Titanium	EPA 200.7	1203468-003	<0.100	0.987	0.975	1.00	mg/L	98	97	1 %	
		Vanadium	EPA 200.7	1203468-003	0.029	1.01	0.972	1.00	mg/L	98	94	4 %	
		Zinc	EPA 200.7	1203468-003	<0.010	0.999	0.927	1.00	mg/L	100	92	7 %	
QC12031064	MS 1	Aluminum, Dissolved	EPA 200.7	1203484-001	<0.200	J	1.08	1.02	1.00	mg/L	91	85	6 %
		Barium, Dissolved	EPA 200.7	1203484-001	0.034		1.03	0.965	1.00	mg/L	100	93	7 %
		Beryllium, Dissolved	EPA 200.7	1203484-001	<0.001		1.03	0.964	1.00	mg/L	103	96	7 %
		Bismuth, Dissolved	EPA 200.7	1203484-001	<0.100		0.925	0.947	1.00	mg/L	102	105	2 %
		Boron, Dissolved	EPA 200.7	1203484-001	<0.100		1.08	1.01	1.00	mg/L	105	98	7 %
		Cadmium, Dissolved	EPA 200.7	1203484-001	<0.001		1.05	0.966	1.00	mg/L	105	97	8 %
		Calcium, Dissolved	EPA 200.7	1203484-001	391	SC	422	401	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1203484-001	<0.005		1.02	0.970	1.00	mg/L	102	97	5 %
		Cobalt, Dissolved	EPA 200.7	1203484-001	1.00		2.07	1.84	1.00	mg/L	107	84	12 %
		Copper, Dissolved	EPA 200.7	1203484-001	31.9		36.8	35.7	5.00	mg/L	98	76	3 %
		Gallium, Dissolved	EPA 200.7	1203484-001	<0.100		0.930	0.900	1.00	mg/L	92	89	3 %
		Iron, Dissolved	EPA 200.7	1203484-001	0.032		1.02	0.992	1.00	mg/L	99	96	3 %
		Lithium, Dissolved	EPA 200.7	1203484-001	0.149		1.26	1.21	1.00	mg/L	111	106	4 %
		Magnesium, Dissolved	EPA 200.7	1203484-001	10.2		21.1	19.7	10.0	mg/L	109	95	7 %
		Manganese, Dissolved	EPA 200.7	1203484-001	0.610		1.64	1.55	1.00	mg/L	103	94	6 %
		Molybdenum, Dissolved	EPA 200.7	1203484-001	0.962		1.99	1.92	1.00	mg/L	103	96	4 %
		Nickel, Dissolved	EPA 200.7	1203484-001	0.131		5.29	4.95	5.00	mg/L	103	96	7 %
		Phosphorus, Dissolved	EPA 200.7	1203484-001	<0.500		6.03	5.55	5.00	mg/L	120	110	8 %
		Potassium, Dissolved	EPA 200.7	1203484-001	99.2	SC	115	112	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1203484-001	<0.100		0.985	0.963	1.00	mg/L	98	96	2 %
		Silver, Dissolved	EPA 200.7	1203484-001	0.303		1.16	1.14	0.090	mg/L	952	930	2 %
		Sodium, Dissolved	EPA 200.7	1203484-001	905	SC	863	860	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1203484-001	1.82		2.72	2.71	1.00	mg/L	90	89	<1%
		Tin, Dissolved	EPA 200.7	1203484-001	<0.100		0.919	0.845	1.00	mg/L	107	100	8 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12031081	MS 1	Titanium, Dissolved	EPA 200.7	1203484-001	<0.100	0.977	0.970	1.00	mg/L	98	97	1 %
		Vanadium, Dissolved	EPA 200.7	1203484-001	0.052	1.07	1.03	1.00	mg/L	102	98	4 %
		Zinc, Dissolved	EPA 200.7	1203484-001	0.090	1.20	1.11	1.00	mg/L	111	102	8 %
		Mercury	EPA 200.8	1203468-003	<0.00010	0.000884	0.000888	0.001	mg/L	88	89	<1%
		Antimony	EPA 200.8	1203468-003	<0.0025	0.0109	0.0107	0.010	mg/L	95	94	2 %
		Arsenic	EPA 200.8	1203468-003	0.0329	0.0856	0.0850	0.050	mg/L	105	104	1 %
		Lead	EPA 200.8	1203468-003	<0.0025	0.0085	0.0084	0.010	mg/L	85	84	1 %
		Selenium	EPA 200.8	1203468-003	<0.0050	0.0475	0.0477	0.050	mg/L	95	95	<1%
		Thallium	EPA 200.8	1203468-003	<0.0010	0.0082	0.0082	0.010	mg/L	82	82	<1%
QC12031082	MS 1	Uranium	EPA 200.8	1203468-003	<0.0050	0.0122	0.0120	0.010	mg/L	92	90	2 %
		Uranium, Dissolved	EPA 200.8	1203484-001	<0.0100	0.0147	0.0147	0.010	mg/L	85	84	<1%
		Mercury, Dissolved	EPA 200.8	1203484-001	0.008218	0.009038	0.008939	0.001	mg/L	82	72	1 %
		Antimony, Dissolved	EPA 200.8	1203484-001	0.9844	SC 1.0274	0.9889	0.010	mg/L	NC	NC	NC
		Arsenic, Dissolved	EPA 200.8	1203484-001	1.0964	SC 1.1901	1.1708	0.050	mg/L	NC	NC	NC
		Lead, Dissolved	EPA 200.8	1203484-001	<0.0025	0.0070	0.0071	0.010	mg/L	70	71	1 %
		Selenium, Dissolved	EPA 200.8	1203484-001	12.0	SC 12.5	12.2	0.050	mg/L	NC	NC	NC
		Thallium, Dissolved	EPA 200.8	1203484-001	<0.0010	0.0076	0.0077	0.010	mg/L	70	71	I %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

3/8/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1202374

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 2/24/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1202374

General Comments

On Sample 1202374-006 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1202374-005 Cadmium
1202374-006 Nitrite Nitrogen, Chloride, Fluoride
1202374-007 Iron

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 3/8/2012
OrderID: 1202374

Customer Sample ID: 604 669 WK:56
WETLAB Sample ID: 1202374-001

Collect Date/Time: 2/24/2012 09:00
Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.04	pH Units		2/24/2012
Bicarbonate (HCO ₃)	SM 2320B	24	mg/L	1.0	2/25/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Total Alkalinity	SM 2320B	19	mg/L as CaCO ₃	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	0.46	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	37	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	2/28/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Calcium	EPA 200.7	16	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	3.5	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.86	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	1.1	mg/L	0.50	3/2/2012

Customer Sample ID: 604 669 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-001

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	0.12	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/1/2012
Anions	Calculation	1.19	meq/L	0.10	
Cations	Calculation	1.15	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 673 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-002

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.46	pH Units		2/24/2012
Bicarbonate (HCO3)	SM 2320B	1.2	mg/L	1.0	2/25/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	0.32	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	18	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	35	mg/L	10	2/28/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2012
Barium	EPA 200.7	0.054	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012

Customer Sample ID: 604 673 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-002

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	6.1	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	0.20	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	0.92	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.042	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	1.2	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	0.028	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/1/2012
Anions	Calculation	0.41	meq/L	0.10	
Cations	Calculation	0.42	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 767 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-003

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.14	pH Units		2/24/2012
Bicarbonate (HCO ₃)	SM 2320B	34	mg/L	1.0	2/25/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012

Customer Sample ID: 604 767 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-003

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	28	mg/L as CaCO ₃	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	1.6	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	28	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	61	mg/L	10	2/28/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2012
Barium	EPA 200.7	0.028	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Calcium	EPA 200.7	16	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	5.1	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.15	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	0.87	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	0.13	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	0.012	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/1/2012

Customer Sample ID: 604 767 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-003

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.22	meq/L	0.10	
Cations	Calculation	1.25	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 787 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-004

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.57	pH Units		2/24/2012
Bicarbonate (HCO ₃)	SM 2320B	68	mg/L	1.0	2/25/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	1.0	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	30	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	2/28/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Calcium	EPA 200.7	26	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	5.7	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.066	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	0.021	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	0.71	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012

Customer Sample ID: 604 787 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-004

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	0.17	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	0.013	mg/L	0.010	3/1/2012
Anions	Calculation	1.79	meq/L	0.10	
Cations	Calculation	1.79	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0854 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-005

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.03	pH Units		2/24/2012
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	0.17	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	71	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	95	mg/L	10	2/28/2012
Aluminum	EPA 200.7	0.056	mg/L	0.045	3/2/2012
Barium	EPA 200.7	0.021	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Calcium	EPA 200.7	5.9	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012

Customer Sample ID: SRK 0854 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-005

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	30	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.079	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	0.13	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	0.0032	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/1/2012
Anions	Calculation	1.49	meq/L	0.10	
Cations	Calculation	1.25	meq/L	0.10	
Error	Calculation	8.6	%	1.0	

Customer Sample ID: SRK 0858 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-006

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.63	pH Units		2/24/2012
Acidity (Titrimetric)	SM 2310B	380	mg/L as CaCO ₃		2/25/2012
Chloride	EPA 300.0	<5.0	mg/L	5.0	2/24/2012
Fluoride	EPA 300.0	<0.50	mg/L	0.50	2/24/2012
Sulfate	EPA 300.0	490	mg/L	5.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012

Customer Sample ID: SRK 0858 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-006

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	2/24/2012
Sulfate (as calculated from S)	Calc.	370	mg/L	1.0	3/7/2012
Total Dissolved Solids (TDS)	SM 2540C	330	mg/L	10	2/28/2012
Sulfur	EPA 200.7	120	mg/L	20	3/7/2012
Aluminum	EPA 200.7	8.5	mg/L	0.045	3/2/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	0.0066	mg/L	0.0010	3/2/2012
Calcium	EPA 200.7	1.5	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	0.011	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	0.056	mg/L	0.010	3/2/2012
Copper	EPA 200.7	3.5	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	56	mg/L	0.010	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	1.4	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	0.076	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	1.9	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	0.025	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	0.0034	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	0.011	mg/L	0.010	3/1/2012
Anions	Calculation	10.2	meq/L	0.10	
Cations	Calculation	8.22	meq/L	0.10	
Error	Calculation	11	%	1.0	

Customer Sample ID: SRK 0858 WK:56
WETLAB Sample ID: 1202374-006

Collect Date/Time: 2/24/2012 09:00
Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Customer Sample ID: SRK 0872 WK:56				Collect Date/Time: 2/24/2012 09:00	
WETLAB Sample ID: 1202374-007				Receive Date: 2/24/2012 14:45	

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.86	pH Units		2/24/2012
Bicarbonate (HCO ₃)	SM 2320B	13	mg/L	1.0	2/25/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2012
Total Alkalinity	SM 2320B	11	mg/L as CaCO ₃	1.0	2/25/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/24/2012
Fluoride	EPA 300.0	0.35	mg/L	0.10	2/24/2012
Sulfate	EPA 300.0	39	mg/L	1.0	2/24/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/24/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/24/2012
Total Dissolved Solids (TDS)	SM 2540C	89	mg/L	10	2/28/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2012
Barium	EPA 200.7	0.021	mg/L	0.010	3/2/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2012
Calcium	EPA 200.7	18	mg/L	0.50	3/2/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	3/2/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Magnesium	EPA 200.7	0.97	mg/L	0.50	3/2/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Molybdenum	EPA 200.7	0.20	mg/L	0.010	3/2/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	3/2/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2012

Customer Sample ID: SRK 0872 WK:56

Collect Date/Time: 2/24/2012 09:00

WETLAB Sample ID: 1202374-007

Receive Date: 2/24/2012 14:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/1/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/1/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/1/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/1/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/1/2012
Anions	Calculation	1.04	meq/L	0.10	
Cations	Calculation	0.98	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12020747	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12020747	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12020748	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12020748	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12020748	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12020750	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12020750	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12020752	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12020752	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12020753	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12020753	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12020753	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12030027	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030027	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030068	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12030069	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12030087	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
QC12030088	Blank 1	Strontium	EPA 200.7	<0.10	mg/L		
		Tin	EPA 200.7	<0.10	mg/L		
		Titanium	EPA 200.7	<0.10	mg/L		
		Vanadium	EPA 200.7	<0.010	mg/L		
		Zinc	EPA 200.7	<0.010	mg/L		
		Aluminum	EPA 200.7	<0.045	mg/L		
		Barium	EPA 200.7	<0.010	mg/L		
		Beryllium	EPA 200.7	<0.0010	mg/L		
		Bismuth	EPA 200.7	<0.10	mg/L		
		Boron	EPA 200.7	<0.100	mg/L		
		Cadmium	EPA 200.7	<0.0010	mg/L		
		Calcium	EPA 200.7	<0.50	mg/L		
		Chromium	EPA 200.7	<0.0050	mg/L		
		Cobalt	EPA 200.7	<0.010	mg/L		
		Copper	EPA 200.7	<0.050	mg/L		
		Gallium	EPA 200.7	<0.10	mg/L		
		Iron	EPA 200.7	<0.010	mg/L		
		Lithium	EPA 200.7	<0.10	mg/L		
		Magnesium	EPA 200.7	<0.50	mg/L		
		Manganese	EPA 200.7	<0.0050	mg/L		
		Molybdenum	EPA 200.7	<0.010	mg/L		
		Nickel	EPA 200.7	<0.010	mg/L		
		Phosphorus	EPA 200.7	<0.50	mg/L		
		Potassium	EPA 200.7	<0.50	mg/L		
		Scandium	EPA 200.7	<0.10	mg/L		
		Silver	EPA 200.7	<0.0050	mg/L		
		Sodium	EPA 200.7	<0.50	mg/L		
		Strontium	EPA 200.7	<0.10	mg/L		
		Tin	EPA 200.7	<0.10	mg/L		
		Titanium	EPA 200.7	<0.10	mg/L		
		Vanadium	EPA 200.7	<0.010	mg/L		
		Zinc	EPA 200.7	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12020747	LCS 1	Fluoride	EPA 300.0	1.87	2.00	94	mg/L
QC12020748	LCS 1	Chloride	EPA 300.0	10.4	10.0	104	mg/L
QC12020750	LCS 1	Nitrite Nitrogen	EPA 300.0	0.475	0.500	95	mg/L
QC12020752	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC12020753	LCS 1	Sulfate	EPA 300.0	23.2	25.0	93	mg/L
QC12020760	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC12020760	LCS 2	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC12020763	LCS 1	Alkalinity	SM 2320B	103	100	103	mg/L
QC12020763	LCS 2	Alkalinity	SM 2320B	98.8	100	99	mg/L
QC12030027	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	145	150	97	mg/L
QC12030027	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC12030068	LCS 1	Mercury	EPA 200.8	0.001000	0.001	100	mg/L
		Antimony	EPA 200.8	0.0100	0.010	100	mg/L
		Arsenic	EPA 200.8	0.0514	0.050	103	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0489	0.050	98	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	100	mg/L
		Mercury	EPA 200.8	0.001000	0.001	100	mg/L
		Antimony	EPA 200.8	0.0100	0.010	100	mg/L
		Arsenic	EPA 200.8	0.0514	0.050	103	mg/L
QC12030069	LCS 1	Lead	EPA 200.8	0.0099	0.010	99	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12030087	LCS 1	Selenium	EPA 200.8	0.0489	0.050	98	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	100	mg/L
		Aluminum	EPA 200.7	0.926	1.00	93	mg/L
		Barium	EPA 200.7	0.966	1.00	97	mg/L
		Beryllium	EPA 200.7	0.969	1.00	97	mg/L
		Bismuth	EPA 200.7	0.988	1.00	99	mg/L
		Boron	EPA 200.7	0.959	1.00	96	mg/L
		Cadmium	EPA 200.7	0.978	1.00	98	mg/L
		Calcium	EPA 200.7	9.89	10.0	99	mg/L
		Chromium	EPA 200.7	0.959	1.00	96	mg/L
		Cobalt	EPA 200.7	0.982	1.00	98	mg/L
		Copper	EPA 200.7	4.69	5.00	94	mg/L
		Gallium	EPA 200.7	0.971	1.00	97	mg/L
		Iron	EPA 200.7	0.986	1.00	99	mg/L
		Lithium	EPA 200.7	0.975	1.00	98	mg/L
		Magnesium	EPA 200.7	9.74	10.0	97	mg/L
		Manganese	EPA 200.7	0.947	1.00	95	mg/L
		Molybdenum	EPA 200.7	0.944	1.00	94	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.87	5.00	97	mg/L
		Potassium	EPA 200.7	9.80	10.0	98	mg/L
		Scandium	EPA 200.7	0.964	1.00	96	mg/L
		Silver	EPA 200.7	0.087	0.090	97	mg/L
		Sodium	EPA 200.7	9.92	10.0	99	mg/L
		Strontium	EPA 200.7	0.982	1.00	98	mg/L
		Tin	EPA 200.7	0.942	1.00	94	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
		Vanadium	EPA 200.7	0.960	1.00	96	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
QC12030088	LCS 1	Aluminum	EPA 200.7	0.926	1.00	93	mg/L
		Barium	EPA 200.7	0.966	1.00	97	mg/L
		Beryllium	EPA 200.7	0.969	1.00	97	mg/L
		Bismuth	EPA 200.7	0.988	1.00	99	mg/L
		Boron	EPA 200.7	0.959	1.00	96	mg/L
		Cadmium	EPA 200.7	0.978	1.00	98	mg/L
		Calcium	EPA 200.7	9.89	10.0	99	mg/L
		Chromium	EPA 200.7	0.959	1.00	96	mg/L
		Cobalt	EPA 200.7	0.982	1.00	98	mg/L
		Copper	EPA 200.7	4.69	5.00	94	mg/L
		Gallium	EPA 200.7	0.971	1.00	97	mg/L
		Iron	EPA 200.7	0.986	1.00	99	mg/L
		Lithium	EPA 200.7	0.975	1.00	98	mg/L
		Magnesium	EPA 200.7	9.74	10.0	97	mg/L
		Manganese	EPA 200.7	0.947	1.00	95	mg/L
		Molybdenum	EPA 200.7	0.944	1.00	94	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.87	5.00	97	mg/L
		Potassium	EPA 200.7	9.80	10.0	98	mg/L
		Scandium	EPA 200.7	0.964	1.00	96	mg/L
		Silver	EPA 200.7	0.087	0.090	97	mg/L
		Sodium	EPA 200.7	9.92	10.0	99	mg/L
		Strontium	EPA 200.7	0.982	1.00	98	mg/L
		Tin	EPA 200.7	0.942	1.00	94	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
		Vanadium	EPA 200.7	0.960	1.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
	Zinc		EPA 200.7	1.02	1.00	102	mg/L
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units
QC12020760	Duplicate	pH	SM 4500-H+ B	1202362-001	7.79	7.83	pH Units
QC12020760	Duplicate	pH	SM 4500-H+ B	1202368-001	7.38	7.40	pH Units
QC12020760	Duplicate	pH	SM 4500-H+ B	1202370-002	8.18	8.21	pH Units
QC12020760	Duplicate	pH	SM 4500-H+ B	1202372-001	2.71	2.67	pH Units
QC12020760	Duplicate	pH	SM 4500-H+ B	1202378-003	7.17	7.20	pH Units
QC12020763	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1202362-001	70.9	70.8	mg/L
		Carbonate (CO ₃)	SM 2320B	1202362-001	<1.000	<1.000	mg/L
		Hydroxide (OH)	SM 2320B	1202362-001	<1.000	<1.000	mg/L
		Total Alkalinity	SM 2320B	1202362-001	58.2	58.0	mg/L as CaCO ₃
QC12020763	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1202369-004	21.1	20.9	mg/L
		Carbonate (CO ₃)	SM 2320B	1202369-004	<1.000	<1.000	mg/L
		Hydroxide (OH)	SM 2320B	1202369-004	<1.000	<1.000	mg/L
		Total Alkalinity	SM 2320B	1202369-004	17.3	17.1	mg/L as CaCO ₃
QC12020763	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1202371-006	370	370	mg/L
		Carbonate (CO ₃)	SM 2320B	1202371-006	<1.000	<1.000	mg/L
		Hydroxide (OH)	SM 2320B	1202371-006	<1.000	<1.000	mg/L
		Total Alkalinity	SM 2320B	1202371-006	304	304	mg/L as CaCO ₃
QC12020763	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1202378-001	297	298	mg/L
		Carbonate (CO ₃)	SM 2320B	1202378-001	<1.000	<1.000	mg/L
		Hydroxide (OH)	SM 2320B	1202378-001	<1.000	<1.000	mg/L
		Total Alkalinity	SM 2320B	1202378-001	243	244	mg/L as CaCO ₃
QC12030027	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202372-001	80.0	78.0	mg/L
QC12030027	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202378-002	112	121	mg/L
QC12030027	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202391-004	370	362	mg/L

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12020747	MS 1	Fluoride	EPA 300.0	1202372-001	<0.500	M	20.9	23.9	2.00	mg/L	NC	NC
QC12020748	MS 1	Chloride	EPA 300.0	1202350-005	<1.000		5.31	5.43	5.00	mg/L	104	107
QC12020748	MS 2	Chloride	EPA 300.0	1202372-001	<5.000		27.2	27.3	5.00	mg/L	107	<1%
QC12020750	MS 1	Nitrite Nitrogen	EPA 300.0	1202372-001	<0.125		2.62	2.64	0.500	mg/L	104	105
QC12020752	MS 1	Nitrate Nitrogen	EPA 300.0	1202372-001	<1.000		10.6	10.7	2.00	mg/L	105	105
QC12020753	MS 1	Sulfate	EPA 300.0	1202350-005	67.4		76.2	76.5	10.0	mg/L	88	92
QC12020753	MS 2	Sulfate	EPA 300.0	1202372-001	277	M	313	314	10.0	mg/L	NC	NC
QC12030069	MS 1	Mercury	EPA 200.8	1202391-001	0.000230		0.001034	0.001061	0.001	mg/L	80	83
		Antimony	EPA 200.8	1202391-001	<0.0025		0.0099	0.0103	0.010	mg/L	96	99
		Arsenic	EPA 200.8	1202391-001	0.0107		0.0667	0.0673	0.050	mg/L	112	113
		Lead	EPA 200.8	1202391-001	<0.0025		0.0082	0.0083	0.010	mg/L	82	83
		Selenium	EPA 200.8	1202391-001	0.0165		0.0648	0.0663	0.050	mg/L	96	99
		Thallium	EPA 200.8	1202391-001	<0.0010		0.0079	0.0080	0.010	mg/L	79	80
		Uranium	EPA 200.8	1202391-001	<0.0100		0.0116	0.0116	0.010	mg/L	97	98
		Mercury	EPA 200.8	1202391-002	0.000419		0.001242	0.001378	0.001	mg/L	82	96
		Antimony	EPA 200.8	1202391-002	<0.0025		0.0100	0.0101	0.010	mg/L	95	96
		Arsenic	EPA 200.8	1202391-002	0.0107		0.0670	0.0665	0.050	mg/L	113	111
		Lead	EPA 200.8	1202391-002	<0.0025		0.0084	0.0085	0.010	mg/L	84	85
		Selenium	EPA 200.8	1202391-002	0.0149		0.0644	0.0629	0.050	mg/L	99	96

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12030087	MS 1	Thallium	EPA 200.8	1202391-002	<0.0010	0.0082	0.0084	0.010	mg/L	82	84	2 %
		Uranium	EPA 200.8	1202391-002	<0.0100	0.0122	0.0123	0.010	mg/L	98	99	1 %
		Aluminum	EPA 200.7	1202391-001	0.122	1.04	1.05	1.00	mg/L	92	93	1 %
		Barium	EPA 200.7	1202391-001	0.053	1.00	1.00	1.00	mg/L	95	95	<1%
		Beryllium	EPA 200.7	1202391-001	<0.001	0.971	0.971	1.00	mg/L	97	97	<1%
		Bismuth	EPA 200.7	1202391-001	<0.100	0.919	0.918	1.00	mg/L	94	94	<1%
		Boron	EPA 200.7	1202391-001	<0.100	0.968	0.971	1.00	mg/L	99	100	<1%
		Cadmium	EPA 200.7	1202391-001	<0.001	0.938	0.935	1.00	mg/L	94	94	<1%
		Calcium	EPA 200.7	1202391-001	296	SC 314	305	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1202391-001	0.061	1.02	1.02	1.00	mg/L	96	96	<1%
		Cobalt	EPA 200.7	1202391-001	0.277	1.24	1.24	1.00	mg/L	96	96	<1%
		Copper	EPA 200.7	1202391-001	<0.050	4.94	4.96	5.00	mg/L	99	99	<1%
		Gallium	EPA 200.7	1202391-001	<0.100	0.880	0.862	1.00	mg/L	87	85	2 %
		Iron	EPA 200.7	1202391-001	0.085	1.07	1.07	1.00	mg/L	98	98	<1%
		Lithium	EPA 200.7	1202391-001	<0.100	0.965	0.973	1.00	mg/L	96	96	1 %
		Magnesium	EPA 200.7	1202391-001	11.8	21.1	20.6	10.0	mg/L	93	88	2 %
		Manganese	EPA 200.7	1202391-001	<0.005	0.889	0.888	1.00	mg/L	93	92	<1%
		Molybdenum	EPA 200.7	1202391-001	0.153	1.12	1.12	1.00	mg/L	97	97	<1%
		Nickel	EPA 200.7	1202391-001	0.035	4.80	4.79	5.00	mg/L	95	95	<1%
		Phosphorus	EPA 200.7	1202391-001	<0.500	5.14	5.14	5.00	mg/L	103	103	<1%
		Potassium	EPA 200.7	1202391-001	3.77	14.0	14.0	10.0	mg/L	102	102	<1%
		Scandium	EPA 200.7	1202391-001	<0.100	0.964	0.967	1.00	mg/L	96	97	<1%
		Silver	EPA 200.7	1202391-001	0.019	0.106	0.107	0.090	mg/L	97	98	1 %
		Sodium	EPA 200.7	1202391-001	189	SC 204	199	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1202391-001	1.71	2.70	2.65	1.00	mg/L	99	94	2 %
		Tin	EPA 200.7	1202391-001	<0.100	0.789	0.796	1.00	mg/L	96	97	1 %
		Titanium	EPA 200.7	1202391-001	<0.100	0.977	0.983	1.00	mg/L	98	98	1 %
		Vanadium	EPA 200.7	1202391-001	0.028	1.00	1.00	1.00	mg/L	97	97	<1%
		Zinc	EPA 200.7	1202391-001	<0.010	1.01	1.00	1.00	mg/L	101	100	1 %
QC12030088	MS 1	Aluminum	EPA 200.7	1202391-002	0.117	1.10	1.08	1.00	mg/L	98	96	2 %
		Barium	EPA 200.7	1202391-002	0.043	0.996	1.00	1.00	mg/L	95	96	<1%
		Beryllium	EPA 200.7	1202391-002	<0.001	0.965	0.971	1.00	mg/L	97	97	1 %
		Bismuth	EPA 200.7	1202391-002	<0.100	0.917	0.929	1.00	mg/L	94	95	1 %
		Boron	EPA 200.7	1202391-002	<0.100	0.996	1.01	1.00	mg/L	100	101	1 %
		Cadmium	EPA 200.7	1202391-002	<0.001	0.950	0.955	1.00	mg/L	95	96	1 %
		Calcium	EPA 200.7	1202391-002	261	271	279	10.0	mg/L	100	180	3 %
		Chromium	EPA 200.7	1202391-002	0.065	1.03	1.04	1.00	mg/L	97	98	1 %
		Cobalt	EPA 200.7	1202391-002	0.293	1.26	1.27	1.00	mg/L	97	98	1 %
		Copper	EPA 200.7	1202391-002	<0.050	4.98	5.02	5.00	mg/L	99	100	1 %
		Gallium	EPA 200.7	1202391-002	<0.100	0.902	0.911	1.00	mg/L	89	90	1 %
		Iron	EPA 200.7	1202391-002	0.120	1.14	1.15	1.00	mg/L	102	103	1 %
		Lithium	EPA 200.7	1202391-002	<0.100	0.957	0.965	1.00	mg/L	95	95	1 %
		Magnesium	EPA 200.7	1202391-002	11.1	20.4	20.7	10.0	mg/L	93	96	1 %
		Manganese	EPA 200.7	1202391-002	<0.005	0.895	0.898	1.00	mg/L	92	92	<1%
		Molybdenum	EPA 200.7	1202391-002	0.169	1.13	1.14	1.00	mg/L	96	97	1 %
		Nickel	EPA 200.7	1202391-002	0.049	4.82	4.85	5.00	mg/L	95	96	1 %
		Phosphorus	EPA 200.7	1202391-002	<0.500	5.23	5.30	5.00	mg/L	103	105	1 %
		Potassium	EPA 200.7	1202391-002	3.49	13.7	13.8	10.0	mg/L	102	103	1 %
		Scandium	EPA 200.7	1202391-002	<0.100	0.965	0.973	1.00	mg/L	97	97	1 %
		Silver	EPA 200.7	1202391-002	0.041	0.132	0.132	0.090	mg/L	101	101	<1%
		Sodium	EPA 200.7	1202391-002	167	177	183	10.0	mg/L	100	160	3 %
		Strontium	EPA 200.7	1202391-002	1.50	2.42	2.49	1.00	mg/L	92	99	3 %
		Tin	EPA 200.7	1202391-002	<0.100	0.786	0.786	1.00	mg/L	96	96	<1%
		Titanium	EPA 200.7	1202391-002	<0.100	0.969	0.977	1.00	mg/L	97	98	1 %
		Vanadium	EPA 200.7	1202391-002	0.030	1.01	1.01	1.00	mg/L	98	98	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
	Zinc		EPA 200.7	1202391-002	<0.010	1.01	1.02	1.00	mg/L	101	102	1 %

2/9/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1201427

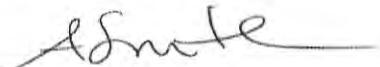
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 1/27/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1201427

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1201427-001 Iron
1201427-005 Cadmium
1201427-006 Nitrite Nitrogen, Fluoride
1201427-007 Iron

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 2/9/2012

OrderID: 1201427

Customer Sample ID: 604 669 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-001

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.18	pH Units		1/27/2012
Bicarbonate (HCO ₃)	SM 2320B	37	mg/L	1.0	1/27/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	30	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.39	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	23	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	51	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	16	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	3.2	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.73	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	1.1	mg/L	0.50	2/8/2012

Customer Sample ID: 604 669 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-001

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	0.039	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	1.11	meq/L	0.10	
Cations	Calculation	1.12	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-002

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.92	pH Units		1/27/2012
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.41	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	15	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	32	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.044	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012

Customer Sample ID: 604 673 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-002

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	5.5	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	0.097	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	0.79	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.025	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	1.2	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	0.016	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	0.33	meq/L	0.10	
Cations	Calculation	0.37	meq/L	0.10	
Error	Calculation	5.7	%	1.0	

Customer Sample ID: 604 767 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-003

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.26	pH Units		1/27/2012
Bicarbonate (HCO3)	SM 2320B	38	mg/L	1.0	1/27/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012

Customer Sample ID: 604 767 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-003

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	32	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	1.7	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	26	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	61	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.027	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	16	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	5.1	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.20	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	0.97	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	0.13	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	0.015	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012

Customer Sample ID: 604 767 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-003

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.25	meq/L	0.10	
Cations	Calculation	1.25	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 787 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-004

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.39	pH Units		1/27/2012
Bicarbonate (HCO ₃)	SM 2320B	43	mg/L	1.0	1/27/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	35	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.83	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	31	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	93	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.011	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	21	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	4.2	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.038	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	0.020	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	0.65	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012

Customer Sample ID: 604 787 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-004

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	0.12	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	1.39	meq/L	0.10	
Cations	Calculation	1.41	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0854 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-005

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.92	pH Units		1/27/2012
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.18	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	70	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	1/31/2012
Aluminum	EPA 200.7	0.054	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.019	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Calcium	EPA 200.7	5.8	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012

Customer Sample ID: SRK 0854 WK:52
WETLAB Sample ID: 1201427-005

Collect Date/Time: 1/27/2012 09:00
Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	30	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.088	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	0.14	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	0.0039	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	1.47	meq/L	0.10	
Cations	Calculation	1.25	meq/L	0.10	
Error	Calculation	8.1	%	1.0	

Customer Sample ID: SRK 0858 WK:52
WETLAB Sample ID: 1201427-006

Collect Date/Time: 1/27/2012 09:00
Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.65	pH Units		1/27/2012
Acidity (Titrimetric)	SM 2310B	400	mg/L as CaCO ₃		1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	<0.20	mg/L	0.20	1/28/2012
Sulfate	EPA 300.0	340	mg/L	10	2/2/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012

Customer Sample ID: SRK 0858 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-006

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	450	mg/L	10	1/31/2012
Aluminum	EPA 200.7	9.8	mg/L	0.045	2/8/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	0.0066	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	2.0	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	0.016	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	0.057	mg/L	0.010	2/8/2012
Copper	EPA 200.7	3.7	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	57	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	1.4	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.10	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	1.7	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	0.083	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	0.013	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	0.010	mg/L	0.010	2/7/2012
Anions	Calculation	7.08	meq/L	0.10	
Cations	Calculation	8.64	meq/L	0.10	
Error	Calculation	10	%	1.0	

Customer Sample ID: SRK 0867 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-007

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.66	pH Units		1/27/2012
Bicarbonate (HCO3)	SM 2320B	27	mg/L	1.0	1/27/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	22	mg/L as CaCO3	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.40	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	15	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	40	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.024	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	14	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	0.059	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	1.3	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	0.026	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	0.0066	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012

Customer Sample ID: SRK 0867 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-007

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	0.78	meq/L	0.10	
Cations	Calculation	0.81	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Customer Sample ID: SRK 0872 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-008

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.63	pH Units		1/27/2012
Bicarbonate (HCO ₃)	SM 2320B	9.2	mg/L	1.0	1/27/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/27/2012
Total Alkalinity	SM 2320B	7.6	mg/L as CaCO ₃	1.0	1/27/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/28/2012
Fluoride	EPA 300.0	0.26	mg/L	0.10	1/28/2012
Sulfate	EPA 300.0	36	mg/L	1.0	1/28/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/28/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/28/2012
Total Dissolved Solids (TDS)	SM 2540C	88	mg/L	10	1/31/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/8/2012
Barium	EPA 200.7	0.018	mg/L	0.010	2/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/8/2012
Calcium	EPA 200.7	18	mg/L	0.50	2/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	2/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Iron	EPA 200.7	0.011	mg/L	0.010	2/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Magnesium	EPA 200.7	0.80	mg/L	0.50	2/8/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Molybdenum	EPA 200.7	0.19	mg/L	0.010	2/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/8/2012

Customer Sample ID: SRK 0872 WK:52

Collect Date/Time: 1/27/2012 09:00

WETLAB Sample ID: 1201427-008

Receive Date: 1/27/2012 14:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/8/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	2/8/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/7/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/7/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/7/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/7/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/7/2012
Anions	Calculation	0.91	meq/L	0.10	
Cations	Calculation	0.96	meq/L	0.10	
Error	Calculation	2.7	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12010879	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12010879	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12010879	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12010881	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12010881	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12010881	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12010882	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010882	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010882	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010883	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010883	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010883	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010886	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12010886	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12010886	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12020065	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12020065	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12020098	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12020098	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12020216	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC12020235	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L			
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L			
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC12010879	LCS 1	Fluoride	EPA 300.0	1.89	2.00	94	mg/L	
QC12010881	LCS 1	Chloride	EPA 300.0	9.99	10.0	100	mg/L	
QC12010882	LCS 1	Nitrite Nitrogen	EPA 300.0	0.509	0.500	102	mg/L	
QC12010883	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00	101	mg/L	
QC12010886	LCS 1	Sulfate	EPA 300.0	22.9	25.0	92	mg/L	
QC12010909	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12010909	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12010913	LCS 1	Alkalinity	SM 2320B	100	100	100	mg/L	
QC12010913	LCS 2	Alkalinity	SM 2320B	101	100	101	mg/L	
QC12020065	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L	
QC12020065	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L	
QC12020098	LCS 1	Sulfate	EPA 300.0	23.4	25.0	94	mg/L	
QC12020216	LCS 1	Mercury	EPA 200.8	0.000962	0.001	96	mg/L	
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L	
		Arsenic	EPA 200.8	0.0509	0.050	102	mg/L	
		Lead	EPA 200.8	0.0099	0.010	99	mg/L	
		Selenium	EPA 200.8	0.0467	0.050	93	mg/L	
		Thallium	EPA 200.8	0.0098	0.010	98	mg/L	
		Uranium	EPA 200.8	0.0097	0.010	97	mg/L	
QC12020235	LCS 1	Aluminum	EPA 200.7	0.949	1.00	95	mg/L	
		Barium	EPA 200.7	0.973	1.00	97	mg/L	
		Beryllium	EPA 200.7	0.963	1.00	96	mg/L	
		Bismuth	EPA 200.7	0.990	1.00	99	mg/L	
		Boron	EPA 200.7	0.932	1.00	93	mg/L	
		Cadmium	EPA 200.7	0.964	1.00	96	mg/L	
		Calcium	EPA 200.7	9.88	10.0	99	mg/L	
		Chromium	EPA 200.7	0.970	1.00	97	mg/L	
		Cobalt	EPA 200.7	0.982	1.00	98	mg/L	
		Copper	EPA 200.7	4.72	5.00	94	mg/L	
		Gallium	EPA 200.7	0.980	1.00	98	mg/L	
		Iron	EPA 200.7	1.01	1.00	101	mg/L	
		Lithium	EPA 200.7	1.00	1.00	100	mg/L	
		Magnesium	EPA 200.7	10.1	10.0	101	mg/L	
		Manganese	EPA 200.7	0.942	1.00	94	mg/L	
		Molybdenum	EPA 200.7	0.969	1.00	97	mg/L	
		Nickel	EPA 200.7	4.88	5.00	98	mg/L	
		Phosphorus	EPA 200.7	4.89	5.00	98	mg/L	
		Potassium	EPA 200.7	10.1	10.0	101	mg/L	
		Scandium	EPA 200.7	0.984	1.00	98	mg/L	
		Silver	EPA 200.7	0.085	0.090	94	mg/L	
		Sodium	EPA 200.7	9.59	10.0	96	mg/L	
		Strontium	EPA 200.7	0.947	1.00	95	mg/L	
		Tin	EPA 200.7	0.960	1.00	96	mg/L	
		Titanium	EPA 200.7	1.03	1.00	103	mg/L	
		Vanadium	EPA 200.7	0.967	1.00	97	mg/L	
		Zinc	EPA 200.7	0.997	1.00	100	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12010909	Duplicate	pH	SM 4500-H+ B	1201420-001	7.76	7.80	pH Units	1 %
QC12010909	Duplicate	pH	SM 4500-H+ B	1201425-001	7.95	7.96	pH Units	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC12010909	Duplicate	pH	SM 4500-H+ B	1201426-001	8.49	8.55	pH Units	1 %	
QC12010909	Duplicate	pH	SM 4500-H+ B	1201426-007	8.33	8.61	Q	pH Units	3 %
QC12010909	Duplicate	pH	SM 4500-H+ B	1201427-008	6.63	6.67	pH Units	1 %	
QC12010913	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1201420-001	177	177	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1201420-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1201420-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1201420-001	145	145	mg/L as CaCO ₃	<1%	
QC12010913	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1201425-001	253	252	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1201425-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1201425-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1201425-001	207	206	mg/L as CaCO ₃	<1%	
QC12010913	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1201426-001	72.9	71.0	mg/L	3 %	
		Carbonate (CO ₃)	SM 2320B	1201426-001	4.37	5.52	mg/L	23 %	
		Hydroxide (OH)	SM 2320B	1201426-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1201426-001	67.0	67.4	mg/L as CaCO ₃	<1%	
QC12010913	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1201426-007	96.0	98.5	mg/L	3 %	
		Carbonate (CO ₃)	SM 2320B	1201426-007	1.25	<1.000	Q	mg/L	200 %
		Hydroxide (OH)	SM 2320B	1201426-007	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1201426-007	80.8	80.7	mg/L as CaCO ₃	<1%	
QC12010913	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1201427-008	9.22	9.20	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1201427-008	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1201427-008	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1201427-008	7.56	7.54	mg/L as CaCO ₃	<1%	
QC12020065	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1201425-001	1118	1082	mg/L	3 %	
QC12020065	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1201426-007	145	144	mg/L	1 %	
QC12020065	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1201433-001	960	962	mg/L	<1%	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12010879	MS 1	Fluoride	EPA 300.0	1201425-001	<0.500	9.43	9.48	2.00	mg/L	94	95	1 %
QC12010879	MS 2	Fluoride	EPA 300.0	1201427-001	0.386	2.17	2.16	2.00	mg/L	89	89	<1%
QC12010881	MS 1	Chloride	EPA 300.0	1201425-001	1.04	27.3	27.5	5.00	mg/L	105	106	1 %
QC12010881	MS 2	Chloride	EPA 300.0	1201427-001	<1.000	5.32	5.32	5.00	mg/L	105	105	<1%
QC12010882	MS 1	Nitrite Nitrogen	EPA 300.0	1201425-001	<0.125	2.15	2.12	0.500	mg/L	85	84	1 %
QC12010882	MS 2	Nitrite Nitrogen	EPA 300.0	1201427-001	<0.025	0.478	0.488	0.500	mg/L	95	97	2 %
QC12010883	MS 1	Nitrate Nitrogen	EPA 300.0	1201425-001	<1.000	10.5	10.6	2.00	mg/L	103	104	1 %
QC12010883	MS 2	Nitrate Nitrogen	EPA 300.0	1201427-001	<1.000	2.11	2.11	2.00	mg/L	104	104	<1%
QC12010886	MS 1	Sulfate	EPA 300.0	1201425-001	530	571	573	10.0	mg/L	83	86	<1%
QC12010886	MS 2	Sulfate	EPA 300.0	1201427-001	22.7	31.7	31.7	10.0	mg/L	90	90	<1%
QC12020098	MS 1	Sulfate	EPA 300.0	1201397-008	277	1182	1175	10.0	mg/L	90	90	1 %
QC12020216	MS 1	Uranium, Dissolved	EPA 200.8	1202062-001	<0.0100	0.0184	0.0179	0.010	mg/L	94	89	3 %
		Mercury, Dissolved	EPA 200.8	1202062-001	<0.00010	0.000872	0.000832	0.001	mg/L	86	82	5 %
		Antimony, Dissolved	EPA 200.8	1202062-001	<0.0025	0.0112	0.0106	0.010	mg/L	102	96	6 %
		Arsenic, Dissolved	EPA 200.8	1202062-001	0.0843	0.1454	0.1404	0.050	mg/L	122	112	3 %
		Lead, Dissolved	EPA 200.8	1202062-001	<0.0025	0.0085	0.0082	0.010	mg/L	85	82	4 %
		Selenium, Dissolved	EPA 200.8	1202062-001	<0.0050	0.0491	0.0472	0.050	mg/L	98	94	4 %
		Thallium, Dissolved	EPA 200.8	1202062-001	<0.0010	0.0083	0.0080	0.010	mg/L	83	80	4 %
		Aluminum, Dissolved	EPA 200.7	1202062-001	0.196	1.11	1.11	1.00	mg/L	91	91	<1%
		Barium, Dissolved	EPA 200.7	1202062-001	0.090	1.04	1.04	1.00	mg/L	95	95	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Beryllium, Dissolved	EPA 200.7	1202062-001	<0.001	0.961	0.962	1.00	mg/L	96	96	<1%
		Bismuth, Dissolved	EPA 200.7	1202062-001	<0.100	0.927	0.933	1.00	mg/L	93	94	1 %
		Boron, Dissolved	EPA 200.7	1202062-001	0.556	1.52	1.51	1.00	mg/L	96	95	1 %
		Cadmium, Dissolved	EPA 200.7	1202062-001	<0.001	0.938	0.935	1.00	mg/L	94	94	<1%
		Calcium, Dissolved	EPA 200.7	1202062-001	49.3	59.2	57.4	10.0	mg/L	99	81	3 %
		Chromium, Dissolved	EPA 200.7	1202062-001	<0.005	0.948	0.946	1.00	mg/L	95	95	<1%
		Cobalt, Dissolved	EPA 200.7	1202062-001	<0.010	0.961	0.960	1.00	mg/L	96	96	<1%
		Copper, Dissolved	EPA 200.7	1202062-001	<0.050	4.85	4.85	5.00	mg/L	97	97	<1%
		Gallium, Dissolved	EPA 200.7	1202062-001	<0.100	0.941	0.938	1.00	mg/L	94	93	<1%
		Iron, Dissolved	EPA 200.7	1202062-001	0.176	1.17	1.16	1.00	mg/L	99	98	1 %
		Lithium, Dissolved	EPA 200.7	1202062-001	<0.100	1.07	1.06	1.00	mg/L	97	96	1 %
		Magnesium, Dissolved	EPA 200.7	1202062-001	17.3	27.1	26.6	10.0	mg/L	98	93	2 %
		Manganese, Dissolved	EPA 200.7	1202062-001	0.018	0.933	0.930	1.00	mg/L	92	91	<1%
		Molybdenum, Dissolved	EPA 200.7	1202062-001	0.028	0.981	0.981	1.00	mg/L	95	95	<1%
		Nickel, Dissolved	EPA 200.7	1202062-001	<0.010	4.74	4.74	5.00	mg/L	95	95	<1%
		Phosphorus, Dissolved	EPA 200.7	1202062-001	<0.500	5.09	5.09	5.00	mg/L	98	98	<1%
		Potassium, Dissolved	EPA 200.7	1202062-001	17.3	27.2	26.7	10.0	mg/L	99	94	2 %
		Scandium, Dissolved	EPA 200.7	1202062-001	<0.100	0.965	0.967	1.00	mg/L	97	97	<1%
		Silver, Dissolved	EPA 200.7	1202062-001	<0.005	0.086	0.086	0.090	mg/L	96	96	<1%
		Sodium, Dissolved	EPA 200.7	1202062-001	127	SC 132	127	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1202062-001	0.359	1.25	1.22	1.00	mg/L	89	86	2 %
		Tin, Dissolved	EPA 200.7	1202062-001	<0.100	0.876	0.876	1.00	mg/L	95	95	<1%
		Titanium, Dissolved	EPA 200.7	1202062-001	<0.100	1.01	1.00	1.00	mg/L	101	100	1 %
		Vanadium, Dissolved	EPA 200.7	1202062-001	0.026	0.986	0.983	1.00	mg/L	96	96	<1%
		Zinc, Dissolved	EPA 200.7	1202062-001	<0.010	0.995	0.993	1.00	mg/L	99	98	<1%



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

1/17/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1112489

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/30/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1112489

General Comments

On Sample 1112489-006 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1112489-005 Cadmium
1112489-006 Nitrite Nitrogen
1112489-007 Potassium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 1/17/2012

OrderID: 1112489

Customer Sample ID: 604 669 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-001

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.43	pH Units		12/30/2011
Bicarbonate (HCO ₃)	SM 2320B	37	mg/L	1.0	12/30/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	30	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.33	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	33	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	88	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	19	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	3.6	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.82	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	0.019	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	1.5	mg/L	0.50	1/9/2012

Customer Sample ID: 604 669 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-001

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	0.14	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	0.011	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012
Anions	Calculation	1.31	meq/L	0.10	
Cations	Calculation	1.31	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-002

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.89	pH Units		12/30/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.40	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	16	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	62	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.047	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012

Customer Sample ID: 604 673 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-002

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	5.6	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	0.13	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	0.78	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.028	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	1.4	mg/L	0.50	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	0.51	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	0.017	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.000010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012
Anions	Calculation	0.35	meq/L	0.10	
Cations	Calculation	0.41	meq/L	0.10	
Error	Calculation	7.0	%	1.0	

Customer Sample ID: 604 767 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-003

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-II+ B	7.36	pH Units		12/30/2011
Bicarbonate (HCO3)	SM 2320B	24	mg/L	1.0	12/30/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011

Customer Sample ID: 604 767 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-003

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	20	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	34	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	77	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.029	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	17	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	0.052	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	4.7	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.20	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	1.1	mg/L	0.50	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	0.14	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	0.013	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012

Customer Sample ID: 604 767 WK:48
 WETLAB Sample ID: 1112489-003

Collect Date/Time: 12/30/2011 09:00
 Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.19	meq/L	0.10	
Cations	Calculation	1.27	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: 604 787 WK:48
 WETLAB Sample ID: 1112489-004

Collect Date/Time: 12/30/2011 09:00
 Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.44	Q	pH Units	12/30/2011
Bicarbonate (HCO ₃)	SM 2320B	43	mg/L	1.0	12/30/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	35	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.97	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	42	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	27	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	4.7	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.059	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	0.028	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	1.0	mg/L	0.50	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012

Customer Sample ID: 604 787 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-004

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	0.17	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	0.010	mg/L	0.010	1/6/2012
Anions	Calculation	1.63	meq/L	0.10	
Cations	Calculation	1.76	meq/L	0.10	
Error	Calculation	3.9	%	1.0	

Customer Sample ID: SRK 0854 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-005

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.68	pH Units		12/30/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.18	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	76	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	1/4/2012
Aluminum	EPA 200.7	0.078	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.016	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Calcium	EPA 200.7	6.9	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012

Customer Sample ID: SRK 0854 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-005

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	34	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.050	mg/L	0.050	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.11	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	0.60	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	<2.5	mg/L	2.5	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	0.14	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	0.0058	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012
Anions	Calculation	1.59	meq/L	0.10	
Cations	Calculation	1.43	meq/L	0.10	
Error	Calculation	5.3	%	1.0	

Customer Sample ID: SRK 0858 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-006

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.67	pH Units		12/30/2011
Acidity (Titrimetric)	SM 2310B	320	mg/L as CaCO ₃		12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/4/2012
Fluoride	EPA 300.0	0.30	mg/L	0.10	1/4/2012
Sulfate	EPA 300.0	430	mg/L	5.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011

Customer Sample ID: SRK 0858 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-006

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	12/31/2011
Sulfate (as calculated from S)	Calc.	390	mg/L	1.0	1/12/2012
Total Dissolved Solids (TDS)	SM 2540C	410	mg/L	10	1/4/2012
Sulfur	EPA 200.7	130	mg/L	50	1/12/2012
Aluminum	EPA 200.7	9.6	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.013	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	0.0043	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	2.5	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	0.014	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	0.048	mg/L	0.010	1/9/2012
Copper	EPA 200.7	4.7	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	43	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	1.5	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.11	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	1.8	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	0.036	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	0.0053	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	0.014	mg/L	0.010	1/6/2012
Anions	Calculation	8.97	meq/L	0.10	
Cations	Calculation	7.12	meq/L	0.10	
Error	Calculation	11	%	1.0	

Customer Sample ID: SRK 0858 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-006

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0867 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-007

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		12/30/2011
Bicarbonate (HCO ₃)	SM 2320B	24	mg/L	1.0	12/30/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	19	mg/L as CaCO ₃	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.33	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	14	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	48	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.020	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	13	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	1.2	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	0.025	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	0.010	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	<2.5	mg/L	2.5	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012

Customer Sample ID: SRK 0867 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-007

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	0.0067	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012
Anions	Calculation	0.70	meq/L	0.10	
Cations	Calculation	0.75	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: SRK 0872 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-008

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.00	pH Units		12/30/2011
Bicarbonate (HCO3)	SM 2320B	11	mg/L	1.0	12/30/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/30/2011
Total Alkalinity	SM 2320B	9.2	mg/L as CaCO3	1.0	12/30/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/31/2011
Fluoride	EPA 300.0	0.29	mg/L	0.10	12/31/2011
Sulfate	EPA 300.0	41	mg/L	1.0	12/31/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/31/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/31/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	1/4/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/9/2012
Barium	EPA 200.7	0.022	mg/L	0.010	1/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/9/2012
Calcium	EPA 200.7	21	mg/L	0.50	1/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	1/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012

Customer Sample ID: SRK 0872 WK:48

Collect Date/Time: 12/30/2011 09:00

WETLAB Sample ID: 1112489-008

Receive Date: 12/30/2011 15:45

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Magnesium	EPA 200.7	0.93	mg/L	0.50	1/9/2012
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Molybdenum	EPA 200.7	0.25	mg/L	0.010	1/9/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Potassium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/9/2012
Sodium	EPA 200.7	<0.50	mg/L	0.50	1/9/2012
Strontium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	1/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/6/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/6/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/6/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/6/2012
Uranium	EPA 200.8	<0.010	mg/L	0.010	1/6/2012
Anions	Calculation	1.05	meq/L	0.10	
Cations	Calculation	1.12	meq/L	0.10	
Error	Calculation	3.5	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12010020	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12010020	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12010020	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12010023	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12010023	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12010023	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12010025	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010025	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010025	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010026	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010026	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010026	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010028	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010028	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010028	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010031	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12010031	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12010031	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12010099	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12010099	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12010099	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12010100	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12010100	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12010100	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12010152	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12010152	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12010164	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12010165	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12010208	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC12010209	Blank 1	Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12010020	LCS 1	Fluoride	EPA 300.0	1.89	2.00	95	mg/L
QC12010023	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC12010025	LCS 1	Nitrite Nitrogen	EPA 300.0	0.506	0.500	101	mg/L
QC12010026	LCS 1	Nitrite Nitrogen	EPA 300.0	0.506	0.500	101	mg/L
QC12010028	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC12010031	LCS 1	Sulfate	EPA 300.0	22.5	25.0	90	mg/L
QC12010048	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC12010048	LCS 2	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC12010048	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC12010050	LCS 1	Alkalinity	SM 2320B	86.8	100	87	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12010050	LCS 2	Alkalinity	SM 2320B	93.2	100	93	mg/L
QC12010050	LCS 3	Alkalinity	SM 2320B	93.6	100	94	mg/L
QC12010099	LCS 1	Fluoride	EPA 300.0	1.88	2.00	94	mg/L
QC12010100	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC12010152	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	155	150	103	mg/L
QC12010152	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC12010164	LCS 1	Mercury	EPA 200.8	0.000981	0.001	98	mg/L
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L
		Arsenic	EPA 200.8	0.0500	0.050	100	mg/L
		Lead	EPA 200.8	0.0100	0.010	100	mg/L
		Selenium	EPA 200.8	0.0499	0.050	100	mg/L
		Thallium	EPA 200.8	0.0099	0.010	99	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
QC12010165	LCS 1	Mercury	EPA 200.8	0.000981	0.001	98	mg/L
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L
		Arsenic	EPA 200.8	0.0500	0.050	100	mg/L
		Lead	EPA 200.8	0.0100	0.010	100	mg/L
		Selenium	EPA 200.8	0.0499	0.050	100	mg/L
		Thallium	EPA 200.8	0.0099	0.010	99	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
QC12010208	LCS 1	Aluminum	EPA 200.7	0.991	1.00	99	mg/L
		Barium	EPA 200.7	0.981	1.00	98	mg/L
		Beryllium	EPA 200.7	0.988	1.00	99	mg/L
		Bismuth	EPA 200.7	0.990	1.00	99	mg/L
		Boron	EPA 200.7	0.933	1.00	93	mg/L
		Cadmium	EPA 200.7	0.981	1.00	98	mg/L
		Calcium	EPA 200.7	10.1	10.0	101	mg/L
		Chromium	EPA 200.7	0.955	1.00	96	mg/L
		Cobalt	EPA 200.7	0.961	1.00	96	mg/L
		Copper	EPA 200.7	4.68	5.00	94	mg/L
		Gallium	EPA 200.7	0.974	1.00	97	mg/L
		Iron	EPA 200.7	0.988	1.00	99	mg/L
		Lithium	EPA 200.7	0.975	1.00	98	mg/L
		Magnesium	EPA 200.7	9.78	10.0	98	mg/L
		Manganese	EPA 200.7	0.988	1.00	99	mg/L
		Molybdenum	EPA 200.7	0.997	1.00	100	mg/L
		Nickel	EPA 200.7	4.91	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.84	5.00	97	mg/L
		Potassium	EPA 200.7	10.1	10.0	101	mg/L
		Scandium	EPA 200.7	0.976	1.00	98	mg/L
		Silver	EPA 200.7	0.084	0.090	94	mg/L
		Sodium	EPA 200.7	9.86	10.0	99	mg/L
		Strontium	EPA 200.7	0.998	1.00	100	mg/L
		Tin	EPA 200.7	0.978	1.00	98	mg/L
		Titanium	EPA 200.7	0.981	1.00	98	mg/L
		Vanadium	EPA 200.7	0.976	1.00	98	mg/L
		Zinc	EPA 200.7	0.981	1.00	98	mg/L
QC12010209	LCS 1	Aluminum	EPA 200.7	0.991	1.00	99	mg/L
		Barium	EPA 200.7	0.981	1.00	98	mg/L
		Beryllium	EPA 200.7	0.988	1.00	99	mg/L
		Bismuth	EPA 200.7	0.990	1.00	99	mg/L
		Boron	EPA 200.7	0.933	1.00	93	mg/L
		Cadmium	EPA 200.7	0.981	1.00	98	mg/L
		Calcium	EPA 200.7	10.1	10.0	101	mg/L
		Chromium	EPA 200.7	0.955	1.00	96	mg/L
		Cobalt	EPA 200.7	0.961	1.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units		
		Copper	EPA 200.7	4.68	5.00	94	mg/L		
		Gallium	EPA 200.7	0.974	1.00	97	mg/L		
		Iron	EPA 200.7	0.988	1.00	99	mg/L		
		Lithium	EPA 200.7	0.975	1.00	98	mg/L		
		Magnesium	EPA 200.7	9.78	10.0	98	mg/L		
		Manganese	EPA 200.7	0.988	1.00	99	mg/L		
		Molybdenum	EPA 200.7	0.997	1.00	100	mg/L		
		Nickel	EPA 200.7	4.91	5.00	98	mg/L		
		Phosphorus	EPA 200.7	4.84	5.00	97	mg/L		
		Potassium	EPA 200.7	10.1	10.0	101	mg/L		
		Scandium	EPA 200.7	0.976	1.00	98	mg/L		
		Silver	EPA 200.7	0.084	0.090	94	mg/L		
		Sodium	EPA 200.7	9.86	10.0	99	mg/L		
		Strontium	EPA 200.7	0.998	1.00	100	mg/L		
		Tin	EPA 200.7	0.978	1.00	98	mg/L		
		Titanium	EPA 200.7	0.981	1.00	98	mg/L		
		Vanadium	EPA 200.7	0.976	1.00	98	mg/L		
		Zinc	EPA 200.7	0.981	1.00	98	mg/L		
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC12010048	Duplicate	pH	SM 4500-H+ B	1112482-002	6.26	6.31	pH Units	1 %	
QC12010048	Duplicate	pH	SM 4500-H+ B	1112486-002	7.28	7.23	pH Units	1 %	
QC12010048	Duplicate	pH	SM 4500-H+ B	1112488-003	7.72	7.74	pH Units	<1%	
QC12010048	Duplicate	pH	SM 4500-H+ B	1112491-006	8.20	8.21	pH Units	<1%	
QC12010048	Duplicate	pH	SM 4500-H+ B	1112489-004	7.44	7.57	Q	pH Units	2 %
QC12010050	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112482-002	70.6	66.4	mg/L	6 %	
		Carbonate (CO3)	SM 2320B	1112482-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112482-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112482-002	57.9	54.4	mg/L as CaCO3	6 %	
QC12010050	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112486-002	153	152	mg/L	1 %	
		Carbonate (CO3)	SM 2320B	1112486-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112486-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112486-002	126	125	mg/L as CaCO3	1 %	
QC12010050	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112488-003	148	149	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1112488-003	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112488-003	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112488-003	122	122	mg/L as CaCO3	<1%	
QC12010050	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112491-006	183	183	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1112491-006	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112491-006	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112491-006	150	150	mg/L as CaCO3	<1%	
QC12010050	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112489-004	43.0	43.2	mg/L	1 %	
		Carbonate (CO3)	SM 2320B	1112489-004	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112489-004	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112489-004	35.2	35.4	mg/L as CaCO3	1 %	
QC12010152	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112489-002	62.0	57.0	mg/L	8 %	
QC12010152	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112491-003	2476	2464	mg/L	<1%	
QC12010152	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112491-010	804	798	mg/L	1 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC12010020	MS 1	Fluoride	EPA 300.0	1112403-003	<0.100	1.75	1.75	2.00	mg/L	90	90	<1%	
QC12010020	MS 2	Fluoride	EPA 300.0	1112489-001	0.334	2.10	2.11	2.00	mg/L	88	89	<1%	
QC12010023	MS 1	Chloride	EPA 300.0	1112403-003	<1.000	5.18	5.19	5.00	mg/L	102	103	<1%	
QC12010023	MS 2	Chloride	EPA 300.0	1112489-001	<1.000	5.27	5.30	5.00	mg/L	104	104	1 %	
QC12010025	MS 1	Nitrite Nitrogen	EPA 300.0	1112470-005	<0.025	0.496	0.518	0.500	mg/L	98	103	4 %	
QC12010025	MS 2	Nitrite Nitrogen	EPA 300.0	1112470-012	<0.025	0.519	0.542	0.500	mg/L	103	107	4 %	
QC12010026	MS 1	Nitrite Nitrogen	EPA 300.0	1112489-001	<0.025	0.531	0.536	0.500	mg/L	105	106	1 %	
QC12010026	MS 2	Nitrite Nitrogen	EPA 300.0	1112491-002	<0.025	0.510	0.511	0.500	mg/L	101	101	<1%	
QC12010028	MS 1	Nitrate Nitrogen	EPA 300.0	1112489-001	<1.000	2.12	2.14	2.00	mg/L	104	105	1 %	
QC12010028	MS 2	Nitrate Nitrogen	EPA 300.0	1112491-002	<1.000	2.15	2.16	2.00	mg/L	105	106	<1%	
QC12010031	MS 1	Sulfate	EPA 300.0	1112403-003	<1.000	9.08	9.10	10.0	mg/L	95	95	<1%	
QC12010031	MS 2	Sulfate	EPA 300.0	1112489-001	33.2	41.8	41.8	10.0	mg/L	86	87	<1%	
QC12010099	MS 1	Fluoride	EPA 300.0	1201024-001	<0.100	1.80	1.86	2.00	mg/L	92	95	3 %	
QC12010099	MS 2	Fluoride	EPA 300.0	1112486-006	0.125	2.20	2.21	2.00	mg/L	87	88	<1%	
QC12010100	MS 1	Chloride	EPA 300.0	1201024-001	<1.000	5.25	5.40	5.00	mg/L	104	107	3 %	
QC12010100	MS 2	Chloride	EPA 300.0	1112486-006	2.37	7.53	7.64	5.00	mg/L	103	106	1 %	
QC12010164	MS 1	Mercury	EPA 200.8	1201042-002	0.003576	0.004529	0.004927	0.001	mg/L	95	135	8 %	
		Antimony	EPA 200.8	1201042-002	<0.0025	0.0124	0.0122	0.010	mg/L	106	103	2 %	
		Arsenic	EPA 200.8	1201042-002	0.7137	SC	0.7447	0.7567	0.050	mg/L	NC	NC	NC
		Lead	EPA 200.8	1201042-002	<0.0025	0.0100	0.0105	0.010	mg/L	95	100	5 %	
		Selenium	EPA 200.8	1201042-002	0.0059	0.0525	0.0547	0.050	mg/L	93	98	4 %	
		Thallium	EPA 200.8	1201042-002	<0.0010	0.0092	0.0097	0.010	mg/L	92	97	5 %	
		Uranium	EPA 200.8	1201042-002	<0.0100	<0.0100	0.0101	0.010	mg/L	95	101	#Error	
QC12010165	MS 1	Mercury	EPA 200.8	1201042-003	0.001996	0.003259	0.003208	0.001	mg/L	126	121	2 %	
		Antimony	EPA 200.8	1201042-003	0.0029	0.0131	0.0137	0.010	mg/L	102	108	4 %	
		Arsenic	EPA 200.8	1201042-003	0.2294	0.2891	0.2864	0.050	mg/L	120	114	1 %	
		Lead	EPA 200.8	1201042-003	<0.0025	0.0109	0.0104	0.010	mg/L	106	101	5 %	
		Selenium	EPA 200.8	1201042-003	0.0110	0.0586	0.0586	0.050	mg/L	95	95	<1%	
		Thallium	EPA 200.8	1201042-003	<0.0010	0.0102	0.0097	0.010	mg/L	102	97	5 %	
		Uranium	EPA 200.8	1201042-003	<0.0100	0.0107	0.0103	0.010	mg/L	107	103	4 %	
QC12010208	MS 1	Aluminum	EPA 200.7	1201042-002	<0.045	0.944	0.943	1.00	mg/L	93	93	<1%	
		Barium	EPA 200.7	1201042-002	0.051	0.995	1.00	1.00	mg/L	94	95	1 %	
		Beryllium	EPA 200.7	1201042-002	<0.001	0.984	1.00	1.00	mg/L	98	100	2 %	
		Bismuth	EPA 200.7	1201042-002	<0.100	0.901	0.906	1.00	mg/L	96	96	1 %	
		Boron	EPA 200.7	1201042-002	0.681	1.61	1.63	1.00	mg/L	93	95	1 %	
		Cadmium	EPA 200.7	1201042-002	0.377	1.30	1.30	1.00	mg/L	92	92	<1%	
		Calcium	EPA 200.7	1201042-002	31.8	42.2	42.2	10.0	mg/L	104	104	<1%	
		Chromium	EPA 200.7	1201042-002	0.007	0.928	0.932	1.00	mg/L	92	92	<1%	
		Cobalt	EPA 200.7	1201042-002	0.068	0.923	0.942	1.00	mg/L	85	87	2 %	
		Copper	EPA 200.7	1201042-002	29.9	34.1	33.8	5.00	mg/L	84	78	1 %	
		Gallium	EPA 200.7	1201042-002	<0.100	0.881	0.879	1.00	mg/L	88	87	<1%	
		Iron	EPA 200.7	1201042-002	0.103	1.04	1.05	1.00	mg/L	94	95	1 %	
		Lithium	EPA 200.7	1201042-002	<0.100	1.03	1.04	1.00	mg/L	102	103	1 %	
		Magnesium	EPA 200.7	1201042-002	<0.500	9.36	9.52	10.0	mg/L	91	93	2 %	
		Manganese	EPA 200.7	1201042-002	0.105	1.05	1.06	1.00	mg/L	94	96	1 %	
		Molybdenum	EPA 200.7	1201042-002	0.105	1.07	1.07	1.00	mg/L	97	97	<1%	
		Nickel	EPA 200.7	1201042-002	0.040	4.69	4.75	5.00	mg/L	93	94	1 %	
		Phosphorus	EPA 200.7	1201042-002	0.613	5.54	5.61	5.00	mg/L	99	100	1 %	
		Potassium	EPA 200.7	1201042-002	9.34	21.9	21.9	10.0	mg/L	126	126	<1%	
		Scandium	EPA 200.7	1201042-002	<0.100	0.973	0.983	1.00	mg/L	97	98	1 %	
		Silver	EPA 200.7	1201042-002	0.022	0.109	0.109	0.090	mg/L	97	97	<1%	
		Sodium	EPA 200.7	1201042-002	838	SC	845	881	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1201042-002	0.467	1.47	1.45	1.00	mg/L	100	98	1 %	
		Tin	EPA 200.7	1201042-002	<0.100	0.931	0.942	1.00	mg/L	95	96	1 %	
		Titanium	EPA 200.7	1201042-002	<0.100	0.957	0.951	1.00	mg/L	95	95	1 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC12010209	MS 1	Vanadium	EPA 200.7	1201042-002	0.378	1.33	1.34	1.00	mg/L	95	96	1 %	
		Zinc	EPA 200.7	1201042-002	2.25	3.10	3.12	1.00	mg/L	85	87	1 %	
		Aluminum	EPA 200.7	1201042-003	<0.045	0.935	0.932	1.00	mg/L	92	92	<1%	
		Barium	EPA 200.7	1201042-003	0.107	1.05	1.05	1.00	mg/L	94	94	<1%	
		Beryllium	EPA 200.7	1201042-003	<0.001	1.00	0.984	1.00	mg/L	100	98	2 %	
		Bismuth	EPA 200.7	1201042-003	<0.100	0.889	0.891	1.00	mg/L	94	94	<1%	
		Boron	EPA 200.7	1201042-003	0.390	1.35	1.34	1.00	mg/L	96	95	1 %	
		Cadmium	EPA 200.7	1201042-003	0.123	1.08	1.08	1.00	mg/L	96	96	<1%	
		Calcium	EPA 200.7	1201042-003	40.6	53.3	51.5	10.0	mg/L	127	109	3 %	
		Chromium	EPA 200.7	1201042-003	0.006	0.911	0.908	1.00	mg/L	91	90	<1%	
		Cobalt	EPA 200.7	1201042-003	0.024	0.849	0.868	1.00	mg/L	83	84	2 %	
		Copper	EPA 200.7	1201042-003	29.3	35.6	33.7	5.00	mg/L	126	88	5 %	
		Gallium	EPA 200.7	1201042-003	<0.100	0.864	0.868	1.00	mg/L	86	86	<1%	
		Iron	EPA 200.7	1201042-003	0.332	1.12	1.13	1.00	mg/L	79	80	1 %	
		Lithium	EPA 200.7	1201042-003	<0.100	1.05	1.04	1.00	mg/L	103	102	1 %	
		Magnesium	EPA 200.7	1201042-003	<0.500	9.08	9.07	10.0	mg/L	90	90	<1%	
		Manganese	EPA 200.7	1201042-003	0.033	0.992	0.993	1.00	mg/L	96	96	<1%	
		Molybdenum	EPA 200.7	1201042-003	0.076	1.06	1.05	1.00	mg/L	98	97	1 %	
		Nickel	EPA 200.7	1201042-003	0.030	4.68	4.69	5.00	mg/L	93	93	<1%	
		Phosphorus	EPA 200.7	1201042-003	0.640	5.61	5.64	5.00	mg/L	99	100	1 %	
		Potassium	EPA 200.7	1201042-003	14.7	M	28.5	27.4	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1201042-003	<0.100	0.970	0.953	1.00	mg/L	97	95	2 %	
		Silver	EPA 200.7	1201042-003	0.024	0.112	0.110	0.090	mg/L	98	95	2 %	
		Sodium	EPA 200.7	1201042-003	1030	SC	1050	1000	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1201042-003	0.682	1.71	1.67	1.00	mg/L	103	99	2 %	
		Tin	EPA 200.7	1201042-003	<0.100	0.933	0.935	1.00	mg/L	95	95	<1%	
		Titanium	EPA 200.7	1201042-003	<0.100	0.920	0.920	1.00	mg/L	92	92	<1%	
		Vanadium	EPA 200.7	1201042-003	0.281	1.26	1.25	1.00	mg/L	98	97	1 %	
		Zinc	EPA 200.7	1201042-003	2.22	3.30	3.22	1.00	mg/L	108	100	2 %	



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431
tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number

1112489

Report

1/16/12

Due Date:

Page 1 of 1

Client McClelland Laboratories, Inc.				Turnaround Time	
				Standard	5 Day
				Other	
Address 1016 Greg Street					
City, State & Zip Sparks, NV 89431					
Contact Gene McClelland					
Phone 775-356-1300	Collector's Name Robert				
Fax 775-356-8917	Project Name				
P.O. Number	Project Number 3438				
Email mlili@mettest.com					
Additional Information					
Fax Results Y	N	To: Client	Billing	S A M P L E	NO. OF CONTAINERS
Email Results Y	N	To: Client	Billing	T Y P E	Analyses Requested
Compliance Monitoring	Y	N		Profile II w/o Vrad	
Fax Results to State EPA	Y	N		Uranium	
Sample Type Codes					
DW = Drinking Water	SD = Solid				
WW = Wastewater	SO = Soil				
SW = Surface Water	HW = Hazardous Waste				
MW = Monitoring Well	OTHER: _____				
SAMPLE ID/LOCATION		DATE	TIME		
604 669	Wk:48	12/30/11	9:00	WW	2 X X
604 673					
604 767					
604 787					
604 656	LRB				
SRK 0854					
SRK 0858	AS9				
SRK 0867	1				
SRK 0872	↓	↓	↓	↓	↓
Instructions/Comments/Special Requirements:					
SAMPLE RECEIPT		DATE	TIME	Samples Relinquished By	Samples Received By
Temperature	19 °C	12/30/11	15:45	JL	
Custody Seals Intact? Y	N	None			
Number of Containers	18				

WETLAB's Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

12/20/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1112047

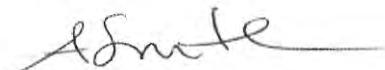
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/2/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1112047

General Comments

On Sample 1112047-017 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1112047-002 Potassium
1112047-005 Potassium
1112047-006 Iron
1112047-016 Potassium
1112047-017 Nitrite Nitrogen, Chloride
1112047-019 Iron

The reporting limits have been adjusted accordingly.

Due to a laboratory oversight the analysis for Total Dissolved Solids (TDS) on samples 1112047-002, 005, and 011 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 12/20/2011

OrderID: 1112047

Customer Sample ID: 604 562 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-001

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.90	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	72	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	59	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	0.59	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	35	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.015	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	32	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	5.2	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.30	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	0.96	mg/L	0.50	12/13/2011

Customer Sample ID: 604 562 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-001

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.23	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	0.024	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011
Anions	Calculation	1.94	meq/L	0.10	
Cations	Calculation	2.06	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 569 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-002

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.58	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	31	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	26	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	0.79	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	9.7	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	59	HT mg/L	10	12/15/2011
Aluminum	EPA 200.7	0.074	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011

Customer Sample ID: 604 569 WK:44
WETLAB Sample ID: 1112047-002

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	11	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	0.011	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.052	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011
Anions	Calculation	0.75	meq/L	0.10	
Cations	Calculation	0.76	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 606 WK:44
WETLAB Sample ID: 1112047-003

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	61	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011

Customer Sample ID: 604 606 WK:44
 WETLAB Sample ID: 1112047-003

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	50	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	14	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	60	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.050	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.030	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	22	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	0.021	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	3.6	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.041	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.62	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011

Customer Sample ID: 604 606 WK:44
WETLAB Sample ID: 1112047-003

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.36	meq/L	0.10	
Cations	Calculation	1.46	meq/L	0.10	
Error	Calculation	3.6	%	1.0	

Customer Sample ID: 604 653 WK:44
WETLAB Sample ID: 1112047-004

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.79	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	50	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	20	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	72	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.051	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.070	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	22	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.7	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.15	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.023	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011

Customer Sample ID: 604 653 WK:44
WETLAB Sample ID: 1112047-004

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	0.65	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.13	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011
Anions	Calculation	1.30	meq/L	0.10	
Cations	Calculation	1.32	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 656 WK:44
WETLAB Sample ID: 1112047-005

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.99	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	76	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	62	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	17	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	97	HT mg/L	10	12/15/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	25	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011

Customer Sample ID: 604 656 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-005

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	5.0	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.077	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.052	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.23	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011
Anions	Calculation	1.67	meq/L	0.10	
Cations	Calculation	1.68	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 669 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-006

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.85	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	6.3	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	5.2	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011

Customer Sample ID: 604 669 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-006

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.11	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	24	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	40	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.070	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.12	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	8.6	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.7	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.28	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/13/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/13/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/13/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/13/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/13/2011
Anions	Calculation	0.61	meq/L	0.10	
Cations	Calculation	0.67	meq/L	0.10	

Customer Sample ID: 604 669 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-006

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	4.4	%	1.0	

Customer Sample ID: 604 673 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-007

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.33	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	1.7	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	1.4	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	0.40	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	14	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	28	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.048	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	5.3	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	0.74	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.024	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.012	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011

Customer Sample ID: 604 673 WK:44
WETLAB Sample ID: 1112047-007

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	0.014	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	0.34	meq/L	0.10	
Cations	Calculation	0.38	meq/L	0.10	
Error	Calculation	5.5	%	1.0	

Customer Sample ID: 604 767 WK:44
WETLAB Sample ID: 1112047-008

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.54	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	40	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	33	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	34	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	63	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.037	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	20	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011

Customer Sample ID: 604 767 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-008

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	5.7	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.26	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	0.021	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	1.46	meq/L	0.10	
Cations	Calculation	1.51	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 787 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-009

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.86	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	62	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	51	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	37	mg/L	1.0	12/3/2011

Customer Sample ID: 604 787 WK:44
 WETLAB Sample ID: 1112047-009

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	69	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.011	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	29	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	5.0	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.077	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.0	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.18	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	0.020	mg/L	0.010	12/14/2011
Anions	Calculation	1.85	meq/L	0.10	
Cations	Calculation	1.89	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-010

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	84	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	69	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	16	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	47	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	25	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	6.6	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.024	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	0.72	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011

Customer Sample ID: 604 811 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-010

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	1.80	meq/L	0.10	
Cations	Calculation	1.81	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 854 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-011

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.73	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	50	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	32	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	95	HT mg/L	10	12/15/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.028	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	23	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	5.4	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.084	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.031	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011

Customer Sample ID: 604 854 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-011

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.13	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	1.58	meq/L	0.10	
Cations	Calculation	1.63	meq/L	0.10	
Error	Calculation	1.5	%	1.0	

Customer Sample ID: 604 862 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-012

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.15	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	260	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	220	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/3/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	12/3/2011
Sulfate	EPA 300.0	12	mg/L	1.0	12/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/3/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/3/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.013	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011

Customer Sample ID: 604 862 WK:44
 WETLAB Sample ID: 1112047-012

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	79	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	10	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.031	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.64	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.55	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	4.63	meq/L	0.10	
Cations	Calculation	4.82	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Customer Sample ID: 604 867 WK:44
 WETLAB Sample ID: 1112047-013

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.83	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	88	mg/L	1.0	12/2/2011

Customer Sample ID: 604 867 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-013

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	72	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	76	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	59	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	0.067	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	3.4	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.062	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	0.89	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011

Customer Sample ID: 604 867 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-013

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	3.10	meq/L	0.10	
Cations	Calculation	3.25	meq/L	0.10	
Error	Calculation	2.4	%	1.0	

Customer Sample ID: 605 033 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-014

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.74	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	46	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	12	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	55	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.055	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.012	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	21	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	0.98	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.058	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	12/13/2011

Customer Sample ID: 605 033 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-014

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.12	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	1.09	meq/L	0.10	
Cations	Calculation	1.19	meq/L	0.10	
Error	Calculation	4.4	%	1.0	

Customer Sample ID: 605 153 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-015

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.70	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	37	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	30	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.91	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	9.3	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	32	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.065	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.094	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011

Customer Sample ID: 605 153 WK:44
 WETLAB Sample ID: 1112047-015

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	14	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	0.015	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.3	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.034	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.011	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	0.98	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	0.66	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	0.85	meq/L	0.10	
Cations	Calculation	0.87	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: SRK 0854 WK:44
 WETLAB Sample ID: 1112047-016

Collect Date/Time: 12/2/2011 09:00
 Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.99	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011

Customer Sample ID: SRK 0854 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-016

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.17	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	94	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.099	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.022	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	0.0022	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	10	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	43	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	0.62	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.16	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	12/14/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	0.20	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	0.0064	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011

Customer Sample ID: SRK 0854 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-016

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.97	meq/L	0.10	
Cations	Calculation	1.93	meq/L	0.10	
Error	Calculation	1.0	%	1.0	

Customer Sample ID: SRK 0858 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-017

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.76	pH Units		12/2/2011
Acidity (Titrimetric)	SM 2310B	280	mg/L as CaCO ₃		12/2/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	12/4/2011
Fluoride	EPA 300.0	0.37	mg/L	0.20	12/4/2011
Sulfate	EPA 300.0	340	mg/L	10	12/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	12/4/2011
Sulfate (as calculated from S)	Calc.	340	mg/L	1.0	12/16/2011
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	12/6/2011
Sulfur	EPA 200.7	110	mg/L	20	12/16/2011
Aluminum	EPA 200.7	6.3	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	0.0049	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	2.0	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	0.0079	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	0.040	mg/L	0.010	12/13/2011
Copper	EPA 200.7	5.1	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	44	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.1	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.10	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	12/13/2011

Customer Sample ID: SRK 0858 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-017

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	0.029	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	0.0052	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	0.013	mg/L	0.010	12/14/2011
Anions	Calculation	7.10	meq/L	0.10	
Cations	Calculation	6.36	meq/L	0.10	
Error	Calculation	5.5	%	1.0	

Customer Sample ID: SRK 0864 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-018

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	28	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	23	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.14	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	1.8	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	1.1	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	27	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.012	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	8.7	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011

Customer Sample ID: SRK 0864 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-018

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	0.023	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	0.91	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	0.58	meq/L	0.10	
Cations	Calculation	0.58	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0866 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-019

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.38	pH Units		12/2/2011
Bicarbonate (HCO3)	SM 2320B	2.0	mg/L	1.0	12/2/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	1.6	mg/L as CaCO3	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.73	mg/L	0.10	12/4/2011

Customer Sample ID: SRK 0866 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-019

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	5.9	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	1.3	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	16	mg/L	10	12/6/2011
Aluminum	EPA 200.7	0.064	mg/L	0.045	12/13/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	4.2	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	12/14/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.0095	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	0.29	meq/L	0.10	
Cations	Calculation	0.26	meq/L	0.10	
Error	Calculation	5.8	%	1.0	

Customer Sample ID: SRK 0866 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-019

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0867 WK:44

Collect Date/Time: 12/2/2011 09:00

WETLAB Sample ID: 1112047-020

Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.45	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	24	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	19	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.32	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	16	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	22	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.017	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	13	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	0.014	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.011	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011

Customer Sample ID: SRK 0867 WK:44
WETLAB Sample ID: 1112047-020

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	0.0075	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	0.74	meq/L	0.10	
Cations	Calculation	0.75	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0872 WK:44
WETLAB Sample ID: 1112047-021

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.16	pH Units		12/2/2011
Bicarbonate (HCO ₃)	SM 2320B	13	mg/L	1.0	12/2/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/2/2011
Total Alkalinity	SM 2320B	10	mg/L as CaCO ₃	1.0	12/2/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/4/2011
Fluoride	EPA 300.0	0.25	mg/L	0.10	12/4/2011
Sulfate	EPA 300.0	40	mg/L	1.0	12/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/4/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/4/2011
Total Dissolved Solids (TDS)	SM 2540C	78	mg/L	10	12/6/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/13/2011
Barium	EPA 200.7	0.015	mg/L	0.010	12/13/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/13/2011
Calcium	EPA 200.7	21	mg/L	0.50	12/13/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/13/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011

Customer Sample ID: SRK 0872 WK:44
WETLAB Sample ID: 1112047-021

Collect Date/Time: 12/2/2011 09:00
Receive Date: 12/2/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	0.012	mg/L	0.010	12/13/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Magnesium	EPA 200.7	0.79	mg/L	0.50	12/13/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Molybdenum	EPA 200.7	0.24	mg/L	0.010	12/13/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/13/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	12/13/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/13/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/13/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/14/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	12/14/2011
Anions	Calculation	1.06	meq/L	0.10	
Cations	Calculation	1.11	meq/L	0.10	
Error	Calculation	2.5	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11120104	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11120104	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11120104	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11120105	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11120105	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11120105	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11120106	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11120106	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11120106	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11120107	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11120107	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11120107	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11120108	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120108	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120108	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120109	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120109	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120110	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.00	mg/L
QC11120110	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.00	mg/L
QC11120110	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.00	mg/L
QC11120111	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120111	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120111	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120112	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11120112	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11120112	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11120113	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11120113	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11120113	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11120209	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11120209	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11120209	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11120253	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11120253	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11120351	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11120388	Blank 1	Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
QC11120389	Blank 1	Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11120413	Blank 1	Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
QC11120433	Blank 1	Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
QC11120434	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11120090	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11120090	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11120090	LCS 3	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11120090	LCS 4	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11120093	LCS 1	Alkalinity	SM 2320B	93.7	100	94	mg/L
QC11120093	LCS 2	Alkalinity	SM 2320B	94.3	100	94	mg/L
QC11120093	LCS 3	Alkalinity	SM 2320B	93.9	100	94	mg/L
QC11120093	LCS 4	Alkalinity	SM 2320B	94.2	100	94	mg/L
QC11120104	LCS 1	Fluoride	EPA 300.0	2.06	2.00	103	mg/L
QC11120105	LCS 1	Fluoride	EPA 300.0	2.06	2.00	103	mg/L
QC11120106	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11120107	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11120108	LCS 1	Nitrite Nitrogen	EPA 300.0	0.516	0.500	103	mg/L
QC11120109	LCS 1	Nitrite Nitrogen	EPA 300.0	0.516	0.500	103	mg/L
QC11120110	LCS 1	Nitrate Nitrogen	EPA 300.0	2.04	2.00	102	mg/L
QC11120111	LCS 1	Nitrate Nitrogen	EPA 300.0	2.04	2.00	102	mg/L
QC11120112	LCS 1	Sulfate	EPA 300.0	23.8	25.0	95	mg/L
QC11120113	LCS 1	Sulfate	EPA 300.0	23.8	25.0	95	mg/L
QC11120209	LCS 1	Sulfate	EPA 300.0	27.4	25.0	109	mg/L
QC11120253	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC11120253	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L
QC11120351	LCS 1	Aluminum	EPA 200.7	0.975	1.00	98	mg/L
		Barium	EPA 200.7	0.975	1.00	98	mg/L
		Beryllium	EPA 200.7	0.971	1.00	97	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11120388	LCS 1	Bismuth	EPA 200.7	0.988	1.00	99	mg/L
		Boron	EPA 200.7	0.947	1.00	95	mg/L
		Cadmium	EPA 200.7	0.981	1.00	98	mg/L
		Calcium	EPA 200.7	9.81	10.0	98	mg/L
		Chromium	EPA 200.7	0.957	1.00	96	mg/L
		Cobalt	EPA 200.7	0.981	1.00	98	mg/L
		Copper	EPA 200.7	4.85	5.00	97	mg/L
		Gallium	EPA 200.7	0.965	1.00	96	mg/L
		Iron	EPA 200.7	0.976	1.00	98	mg/L
		Lithium	EPA 200.7	0.965	1.00	96	mg/L
		Magnesium	EPA 200.7	9.67	10.0	97	mg/L
		Manganese	EPA 200.7	0.962	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.958	1.00	96	mg/L
		Nickel	EPA 200.7	4.89	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.91	5.00	98	mg/L
		Potassium	EPA 200.7	9.84	10.0	98	mg/L
		Scandium	EPA 200.7	0.961	1.00	96	mg/L
		Silver	EPA 200.7	0.088	0.090	97	mg/L
		Sodium	EPA 200.7	9.89	10.0	99	mg/L
		Strontium	EPA 200.7	0.983	1.00	98	mg/L
		Tin	EPA 200.7	0.943	1.00	94	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
		Vanadium	EPA 200.7	0.965	1.00	96	mg/L
		Zinc	EPA 200.7	0.989	1.00	99	mg/L
QC11120389	LCS 1	Aluminum	EPA 200.7	0.911	1.00	91	mg/L
		Barium	EPA 200.7	0.902	1.00	90	mg/L
		Beryllium	EPA 200.7	0.907	1.00	91	mg/L
		Bismuth	EPA 200.7	0.915	1.00	92	mg/L
		Boron	EPA 200.7	0.878	1.00	88	mg/L
		Cadmium	EPA 200.7	0.904	1.00	90	mg/L
		Calcium	EPA 200.7	9.23	10.0	92	mg/L
		Chromium	EPA 200.7	0.879	1.00	88	mg/L
		Cobalt	EPA 200.7	0.896	1.00	90	mg/L
		Copper	EPA 200.7	4.41	5.00	88	mg/L
		Gallium	EPA 200.7	0.907	1.00	91	mg/L
		Iron	EPA 200.7	0.909	1.00	91	mg/L
		Lithium	EPA 200.7	0.900	1.00	90	mg/L
		Magnesium	EPA 200.7	8.89	10.0	89	mg/L
		Manganese	EPA 200.7	0.912	1.00	91	mg/L
		Molybdenum	EPA 200.7	0.939	1.00	94	mg/L
		Nickel	EPA 200.7	4.49	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.42	5.00	88	mg/L
		Potassium	EPA 200.7	9.17	10.0	92	mg/L
		Scandium	EPA 200.7	0.900	1.00	90	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.20	10.0	92	mg/L
		Strontium	EPA 200.7	0.922	1.00	92	mg/L
		Tin	EPA 200.7	0.930	1.00	93	mg/L
		Titanium	EPA 200.7	0.942	1.00	94	mg/L
		Vanadium	EPA 200.7	0.895	1.00	90	mg/L
		Zinc	EPA 200.7	0.905	1.00	90	mg/L
QC11120389	LCS 1	Aluminum	EPA 200.7	0.911	1.00	91	mg/L
		Barium	EPA 200.7	0.902	1.00	90	mg/L
		Beryllium	EPA 200.7	0.907	1.00	91	mg/L
		Bismuth	EPA 200.7	0.915	1.00	92	mg/L
		Boron	EPA 200.7	0.878	1.00	88	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC11120413	LCS 1	Cadmium	EPA 200.7	0.904	1.00	90	mg/L	
		Calcium	EPA 200.7	9.23	10.0	92	mg/L	
		Chromium	EPA 200.7	0.879	1.00	88	mg/L	
		Cobalt	EPA 200.7	0.896	1.00	90	mg/L	
		Copper	EPA 200.7	4.41	5.00	88	mg/L	
		Gallium	EPA 200.7	0.907	1.00	91	mg/L	
		Iron	EPA 200.7	0.909	1.00	91	mg/L	
		Lithium	EPA 200.7	0.900	1.00	90	mg/L	
		Magnesium	EPA 200.7	8.89	10.0	89	mg/L	
		Manganese	EPA 200.7	0.912	1.00	91	mg/L	
		Molybdenum	EPA 200.7	0.939	1.00	94	mg/L	
		Nickel	EPA 200.7	4.49	5.00	90	mg/L	
		Phosphorus	EPA 200.7	4.42	5.00	88	mg/L	
		Potassium	EPA 200.7	9.17	10.0	92	mg/L	
		Scandium	EPA 200.7	0.900	1.00	90	mg/L	
		Silver	EPA 200.7	0.081	0.090	90	mg/L	
		Sodium	EPA 200.7	9.20	10.0	92	mg/L	
		Strontium	EPA 200.7	0.922	1.00	92	mg/L	
		Tin	EPA 200.7	0.930	1.00	93	mg/L	
		Titanium	EPA 200.7	0.942	1.00	94	mg/L	
		Vanadium	EPA 200.7	0.895	1.00	90	mg/L	
		Zinc	EPA 200.7	0.905	1.00	90	mg/L	
QC11120433	LCS 1	Mercury	EPA 200.8	0.001079	0.001	108	mg/L	
		Antimony	EPA 200.8	0.0111	0.010	111	mg/L	
		Arsenic	EPA 200.8	0.0544	0.050	109	mg/L	
		Lead	EPA 200.8	0.0109	0.010	109	mg/L	
		Selenium	EPA 200.8	0.0513	0.050	103	mg/L	
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L	
		Uranium	EPA 200.8	0.0107	0.010	107	mg/L	
QC11120434	LCS 1	Mercury	EPA 200.8	0.000989	0.001	99	mg/L	
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L	
		Arsenic	EPA 200.8	0.0496	0.050	99	mg/L	
		Lead	EPA 200.8	0.0099	0.010	99	mg/L	
		Selenium	EPA 200.8	0.0508	0.050	102	mg/L	
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L	
		Uranium	EPA 200.8	0.0098	0.010	98	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11120090	Duplicate	pH	SM 4500-H+ B	1112023-001	6.26	6.25	pH Units	<1%
QC11120090	Duplicate	pH	SM 4500-H+ B	1112032-003	7.23	7.17	pH Units	1 %
QC11120090	Duplicate	pH	SM 4500-H+ B	1112034-006	5.59	5.68	pH Units	2 %
QC11120090	Duplicate	pH	SM 4500-H+ B	1112041-003	8.97	8.99	pH Units	<1%
QC11120090	Duplicate	pH	SM 4500-H+ B	1112047-008	7.54	7.64	pH Units	1 %
QC11120090	Duplicate	pH	SM 4500-H+ B	1112047-018	7.46	7.44	pH Units	<1%
QC11120090	Duplicate	pH	SM 4500-H+ B	1112043-004	7.65	7.61	pH Units	1 %
QC11120090	Duplicate	pH	SM 4500-H+ B	1112046-011	6.57	6.64	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112023-001	44.1	44.1	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1112023-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112023-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112023-001	36.2	36.2	mg/L as CaCO3	<1%	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112032-003	332	330	mg/L	1 %	
		Carbonate (CO3)	SM 2320B	1112032-003	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112032-003	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112032-003	272	270	mg/L as CaCO3	1 %	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112034-006	<1.000	<1.000	mg/L	7 %	
		Carbonate (CO3)	SM 2320B	1112034-006	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112034-006	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112034-006	<1.000	<1.000	mg/L as CaCO3	6 %	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112041-003	66.4	64.1	mg/L	4 %	
		Carbonate (CO3)	SM 2320B	1112041-003	21.3	22.0	mg/L	3 %	
		Hydroxide (OH)	SM 2320B	1112041-003	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112041-003	89.8	89.0	mg/L as CaCO3	1 %	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112047-008	40.1	40.2	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1112047-008	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112047-008	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112047-008	32.8	33.0	mg/L as CaCO3	<1%	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112047-018	28.1	25.9	mg/L	8 %	
		Carbonate (CO3)	SM 2320B	1112047-018	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112047-018	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112047-018	23.0	21.2	mg/L as CaCO3	8 %	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112043-004	308	308	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1112043-004	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112043-004	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112043-004	252	252	mg/L as CaCO3	<1%	
QC11120093	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112046-011	3.94	5.65	Q	mg/L	36 %
		Carbonate (CO3)	SM 2320B	1112046-011	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1112046-011	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1112046-011	3.23	4.63	Q	mg/L as CaCO3	36 %
QC11120253	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112046-001	702	705	mg/L	<1%	
QC11120253	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112046-013	29.0	31.0	mg/L	7 %	
QC11120253	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112047-005	97.0	47.0	HT	mg/L	11 %
QC11120253	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112047-016	171	167	mg/L	2 %	
QC11120253	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112047-021	78.0	83.0	mg/L	6 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120104	MS 1	Fluoride	EPA 300.0	1112047-001	0.590	2.33	2.34	2.00	mg/L	87	87	<1%
QC11120104	MS 2	Fluoride	EPA 300.0	1112047-002	0.789	2.50	2.51	2.00	mg/L	86	86	<1%
QC11120105	MS 1	Fluoride	EPA 300.0	1112047-009	1.16	2.81	2.81	2.00	mg/L	82	83	<1%
QC11120105	MS 2	Fluoride	EPA 300.0	1112047-019	0.731	2.53	2.53	2.00	mg/L	90	90	<1%
QC11120106	MS 1	Chloride	EPA 300.0	1112047-001	<1.000	5.28	5.32	5.00	mg/L	104	105	1 %
QC11120106	MS 2	Chloride	EPA 300.0	1112047-002	<1.000	5.36	5.38	5.00	mg/L	105	106	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120107	MS 1	Chloride	EPA 300.0	1112047-009	<1.000	5.32	5.33	5.00	mg/L	104	105	<1%
QC11120107	MS 2	Chloride	EPA 300.0	1112047-019	<1.000	5.35	5.35	5.00	mg/L	105	105	<1%
QC11120108	MS 1	Nitrite Nitrogen	EPA 300.0	1112047-001	<0.025	0.498	0.510	0.500	mg/L	100	102	2 %
QC11120108	MS 2	Nitrite Nitrogen	EPA 300.0	1112047-009	<0.025	0.524	0.526	0.500	mg/L	104	104	<1%
QC11120109	MS 1	Nitrite Nitrogen	EPA 300.0	1112047-019	<0.025	0.542	0.545	0.500	mg/L	107	107	1 %
QC11120110	MS 1	Nitrate Nitrogen	EPA 300.0	1112047-001	<1.000	2.17	2.18	2.00	mg/L	106	107	<1%
QC11120110	MS 2	Nitrate Nitrogen	EPA 300.0	1112047-002	<1.000	2.19	2.20	2.00	mg/L	108	108	<1%
QC11120111	MS 1	Nitrate Nitrogen	EPA 300.0	1112047-009	<1.000	2.19	2.19	2.00	mg/L	107	108	<1%
QC11120111	MS 2	Nitrate Nitrogen	EPA 300.0	1112047-019	1.33	3.49	3.49	2.00	mg/L	108	108	<1%
QC11120112	MS 1	Sulfate	EPA 300.0	1112047-001	35.4	44.2	44.2	10.0	mg/L	88	88	<1%
QC11120112	MS 2	Sulfate	EPA 300.0	1112047-002	9.69	19.4	19.4	10.0	mg/L	97	97	<1%
QC11120113	MS 1	Sulfate	EPA 300.0	1112047-009	36.8	45.6	45.7	10.0	mg/L	88	89	<1%
QC11120113	MS 2	Sulfate	EPA 300.0	1112047-019	5.87	15.7	15.7	10.0	mg/L	98	99	<1%
QC11120209	MS 1	Sulfate	EPA 300.0	1111409-006	<10.00	112	113	10.0	mg/L	108	108	1 %
QC11120209	MS 2	Sulfate	EPA 300.0	1111449-003	666	SC 787	783	10.0	mg/L	NC	NC	NC
QC11120351	MS 1	Aluminum	EPA 200.7	1112106-001	<0.045	1.00	1.02	1.00	mg/L	96	98	2 %
		Barium	EPA 200.7	1112106-001	0.096	1.05	1.06	1.00	mg/L	95	96	1 %
		Beryllium	EPA 200.7	1112106-001	<0.001	0.965	0.966	1.00	mg/L	96	97	<1%
		Bismuth	EPA 200.7	1112106-001	<0.100	0.957	0.952	1.00	mg/L	97	96	1 %
		Boron	EPA 200.7	1112106-001	<0.100	0.977	0.982	1.00	mg/L	97	97	1 %
		Cadmium	EPA 200.7	1112106-001	<0.001	0.957	0.957	1.00	mg/L	96	96	<1%
		Calcium	EPA 200.7	1112106-001	82.2	SC 88.1	91.4	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1112106-001	<0.005	0.934	0.943	1.00	mg/L	93	94	1 %
		Cobalt	EPA 200.7	1112106-001	<0.010	0.939	0.943	1.00	mg/L	94	94	<1%
		Copper	EPA 200.7	1112106-001	<0.050	4.93	4.98	5.00	mg/L	99	100	1 %
		Gallium	EPA 200.7	1112106-001	<0.100	0.951	0.960	1.00	mg/L	94	95	1 %
		Iron	EPA 200.7	1112106-001	0.044	1.00	1.01	1.00	mg/L	96	97	1 %
		Lithium	EPA 200.7	1112106-001	<0.100	0.970	0.986	1.00	mg/L	96	98	2 %
		Magnesium	EPA 200.7	1112106-001	21.0	28.3	29.2	10.0	mg/L	73	82	3 %
		Manganese	EPA 200.7	1112106-001	<0.005	0.938	0.938	1.00	mg/L	94	94	<1%
		Molybdenum	EPA 200.7	1112106-001	<0.010	0.947	0.956	1.00	mg/L	94	95	1 %
		Nickel	EPA 200.7	1112106-001	<0.010	4.70	4.71	5.00	mg/L	94	94	<1%
		Phosphorus	EPA 200.7	1112106-001	<0.500	4.91	4.95	5.00	mg/L	96	97	1 %
		Potassium	EPA 200.7	1112106-001	1.76	12.1	12.1	10.0	mg/L	103	103	<1%
		Scandium	EPA 200.7	1112106-001	<0.100	0.942	0.955	1.00	mg/L	94	96	1 %
		Silver	EPA 200.7	1112106-001	<0.005	0.090	0.090	0.090	mg/L	99	100	<1%
		Sodium	EPA 200.7	1112106-001	9.26	18.7	19.4	10.0	mg/L	94	101	4 %
		Strontium	EPA 200.7	1112106-001	0.147	1.12	1.15	1.00	mg/L	97	100	3 %
		Tin	EPA 200.7	1112106-001	<0.100	0.843	0.850	1.00	mg/L	93	93	1 %
		Titanium	EPA 200.7	1112106-001	<0.100	0.964	0.985	1.00	mg/L	96	98	2 %
		Vanadium	EPA 200.7	1112106-001	0.028	0.981	0.990	1.00	mg/L	95	96	1 %
		Zinc	EPA 200.7	1112106-001	0.028	0.987	0.991	1.00	mg/L	96	96	<1%
QC11120388	MS 1	Aluminum, Dissolved	EPA 200.7	1112109-001	<0.045	0.914	0.918	1.00	mg/L	89	90	<1%
		Barium, Dissolved	EPA 200.7	1112109-001	0.080	1.01	1.01	1.00	mg/L	93	93	<1%
		Beryllium, Dissolved	EPA 200.7	1112109-001	<0.001	0.943	0.951	1.00	mg/L	94	95	1 %
		Bismuth, Dissolved	EPA 200.7	1112109-001	<0.100	0.926	0.922	1.00	mg/L	94	94	<1%
		Boron, Dissolved	EPA 200.7	1112109-001	0.675	1.67	1.67	1.00	mg/L	99	99	<1%
		Cadmium, Dissolved	EPA 200.7	1112109-001	<0.001	0.926	0.938	1.00	mg/L	93	94	1 %
		Calcium, Dissolved	EPA 200.7	1112109-001	147	158	156	10.0	mg/L	110	90	1 %
		Chromium, Dissolved	EPA 200.7	1112109-001	<0.005	0.915	0.918	1.00	mg/L	92	92	<1%
		Cobalt, Dissolved	EPA 200.7	1112109-001	<0.010	0.912	0.919	1.00	mg/L	91	92	1 %
		Copper, Dissolved	EPA 200.7	1112109-001	<0.050	4.69	4.70	5.00	mg/L	94	94	<1%
		Gallium, Dissolved	EPA 200.7	1112109-001	<0.100	0.929	0.933	1.00	mg/L	92	92	<1%
		Iron, Dissolved	EPA 200.7	1112109-001	1.03	2.03	2.01	1.00	mg/L	100	98	1 %
		Lithium, Dissolved	EPA 200.7	1112109-001	0.306	1.24	1.24	1.00	mg/L	93	93	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120389	MS 1	Magnesium, Dissolved	EPA 200.7	1112109-001	34.5	42.6	42.5	10.0	mg/L	81	80	<1%
		Manganese, Dissolved	EPA 200.7	1112109-001	<0.005	0.931	0.937	1.00	mg/L	94	94	1 %
		Molybdenum, Dissolved	EPA 200.7	1112109-001	0.022	0.969	0.967	1.00	mg/L	95	95	<1%
		Nickel, Dissolved	EPA 200.7	1112109-001	<0.010	4.55	4.59	5.00	mg/L	91	92	1 %
		Phosphorus, Dissolved	EPA 200.7	1112109-001	<0.500	4.79	4.83	5.00	mg/L	96	96	1 %
		Potassium, Dissolved	EPA 200.7	1112109-001	23.4	33.8	33.3	10.0	mg/L	104	99	1 %
		Scandium, Dissolved	EPA 200.7	1112109-001	<0.100	0.939	0.942	1.00	mg/L	94	94	<1%
		Silver, Dissolved	EPA 200.7	1112109-001	<0.005	0.084	0.085	0.090	mg/L	94	95	1 %
		Sodium, Dissolved	EPA 200.7	1112109-001	68.7	79.5	77.5	10.0	mg/L	108	88	3 %
		Strontium, Dissolved	EPA 200.7	1112109-001	0.752	1.73	1.70	1.00	mg/L	98	95	2 %
		Tin, Dissolved	EPA 200.7	1112109-001	<0.100	0.836	0.841	1.00	mg/L	94	95	1 %
		Titanium, Dissolved	EPA 200.7	1112109-001	<0.100	0.958	0.951	1.00	mg/L	96	95	1 %
		Vanadium, Dissolved	EPA 200.7	1112109-001	0.040	0.980	0.983	1.00	mg/L	94	94	<1%
		Zinc, Dissolved	EPA 200.7	1112109-001	<0.010	0.934	0.942	1.00	mg/L	93	94	1 %
		Aluminum, Dissolved	EPA 200.7	1112109-002	<0.045	0.915	0.921	1.00	mg/L	90	90	1 %
		Barium, Dissolved	EPA 200.7	1112109-002	0.030	0.962	0.957	1.00	mg/L	93	93	1 %
		Beryllium, Dissolved	EPA 200.7	1112109-002	<0.001	0.952	0.950	1.00	mg/L	95	95	<1%
		Bismuth, Dissolved	EPA 200.7	1112109-002	<0.100	0.935	0.931	1.00	mg/L	96	95	<1%
		Boron, Dissolved	EPA 200.7	1112109-002	<0.100	1.01	1.02	1.00	mg/L	95	96	1 %
		Cadmium, Dissolved	EPA 200.7	1112109-002	<0.001	0.930	0.929	1.00	mg/L	93	93	<1%
		Calcium, Dissolved	EPA 200.7	1112109-002	59.3	69.6	68.3	10.0	mg/L	103	90	2 %
		Chromium, Dissolved	EPA 200.7	1112109-002	<0.005	0.913	0.905	1.00	mg/L	91	91	1 %
		Cobalt, Dissolved	EPA 200.7	1112109-002	0.046	0.953	0.951	1.00	mg/L	91	91	<1%
		Copper, Dissolved	EPA 200.7	1112109-002	<0.050	4.64	4.71	5.00	mg/L	93	94	1 %
		Gallium, Dissolved	EPA 200.7	1112109-002	<0.100	0.936	0.940	1.00	mg/L	93	93	<1%
		Iron, Dissolved	EPA 200.7	1112109-002	<0.010	0.971	0.962	1.00	mg/L	97	96	1 %
		Lithium, Dissolved	EPA 200.7	1112109-002	<0.100	0.970	0.977	1.00	mg/L	95	96	1 %
		Magnesium, Dissolved	EPA 200.7	1112109-002	32.9	41.7	40.4	10.0	mg/L	88	75	3 %
		Manganese, Dissolved	EPA 200.7	1112109-002	<0.005	0.933	0.935	1.00	mg/L	94	95	<1%
		Molybdenum, Dissolved	EPA 200.7	1112109-002	<0.010	0.963	0.957	1.00	mg/L	96	95	1 %
		Nickel, Dissolved	EPA 200.7	1112109-002	<0.010	4.53	4.53	5.00	mg/L	91	91	<1%
		Phosphorus, Dissolved	EPA 200.7	1112109-002	<0.500	4.71	4.73	5.00	mg/L	92	93	<1%
		Potassium, Dissolved	EPA 200.7	1112109-002	6.98	17.4	17.4	10.0	mg/L	104	104	<1%
		Scandium, Dissolved	EPA 200.7	1112109-002	<0.100	0.932	0.931	1.00	mg/L	93	93	<1%
		Silver, Dissolved	EPA 200.7	1112109-002	<0.005	0.085	0.086	0.090	mg/L	96	97	1 %
		Sodium, Dissolved	EPA 200.7	1112109-002	23.5	33.9	33.4	10.0	mg/L	104	99	1 %
		Strontium, Dissolved	EPA 200.7	1112109-002	0.231	1.19	1.20	1.00	mg/L	96	97	1 %
		Tin, Dissolved	EPA 200.7	1112109-002	<0.100	0.901	0.892	1.00	mg/L	97	96	1 %
		Titanium, Dissolved	EPA 200.7	1112109-002	<0.100	0.952	0.947	1.00	mg/L	95	95	1 %
		Vanadium, Dissolved	EPA 200.7	1112109-002	0.044	0.981	0.982	1.00	mg/L	94	94	<1%
		Zinc, Dissolved	EPA 200.7	1112109-002	<0.010	0.926	0.920	1.00	mg/L	93	92	1 %
QC11120413	MS 1	Mercury	EPA 200.8	1112106-001	<0.00010	0.001120	0.001108	0.001	mg/L	112	111	1 %
		Antimony	EPA 200.8	1112106-001	<0.0025	0.0112	0.0111	0.010	mg/L	112	111	1 %
		Arsenic	EPA 200.8	1112106-001	<0.0050	0.0619	0.0600	0.050	mg/L	124	120	3 %
		Lead	EPA 200.8	1112106-001	<0.0025	0.0116	0.0121	0.010	mg/L	116	121	4 %
		Selenium	EPA 200.8	1112106-001	0.0087	0.0639	0.0618	0.050	mg/L	110	106	3 %
		Thallium	EPA 200.8	1112106-001	<0.0010	0.0110	0.0113	0.010	mg/L	110	113	3 %
		Uranium	EPA 200.8	1112106-001	<0.0100	0.0129	0.0134	0.010	mg/L	111	117	4 %
QC11120433	MS 1	Uranium, Dissolved	EPA 200.8	1112109-001	<0.0100	0.0101	0.0100	0.010	mg/L	101	100	1 %
		Mercury, Dissolved	EPA 200.8	1112109-001	<0.00010	0.000874	0.000903	0.001	mg/L	87	90	3 %
		Antimony, Dissolved	EPA 200.8	1112109-001	0.0506	0.0608	0.0631	0.010	mg/L	102	125	4 %
		Arsenic, Dissolved	EPA 200.8	1112109-001	0.6307	0.6631	0.6713	0.050	mg/L	65	81	1 %
		Lead, Dissolved	EPA 200.8	1112109-001	<0.0025	0.0101	0.0100	0.010	mg/L	79	78	1 %
		Selenium, Dissolved	EPA 200.8	1112109-001	<0.0050	0.0450	0.0445	0.050	mg/L	90	89	1 %
		Thallium, Dissolved	EPA 200.8	1112109-001	<0.0010	0.0098	0.0097	0.010	mg/L	98	97	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120434	MS 1	Uranium, Dissolved	EPA 200.8	1112109-002	<0.0100	0.0133	0.0131	0.010	mg/L	108	106	2 %
		Mercury, Dissolved	EPA 200.8	1112109-002	<0.00010	0.001064	0.001071	0.001	mg/L	106	107	1 %
		Antimony, Dissolved	EPA 200.8	1112109-002	<0.0025	0.0105	0.0105	0.010	mg/L	105	105	<1%
		Arsenic, Dissolved	EPA 200.8	1112109-002	0.0103	0.0646	0.0653	0.050	mg/L	109	110	1 %
		Lead, Dissolved	EPA 200.8	1112109-002	<0.0025	0.0108	0.0106	0.010	mg/L	108	106	2 %
		Selenium, Dissolved	EPA 200.8	1112109-002	0.0232	0.0743	0.0771	0.050	mg/L	102	108	4 %
		Thallium, Dissolved	EPA 200.8	1112109-002	<0.0010	0.0108	0.0104	0.010	mg/L	108	104	4 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number

111204/7

Report

12/16/11

Due Date:

Page 1 of 2

Client McClelland Laboratories, Inc.						Turnaround Time															
						Standard					5-Day					Other					
Address 1016 Greg Street						Billing Address (if different than Client Address):															
City, State & Zip Sparks, NV 89431						Company _____					Address _____										
Contact Gene McClelland						City, State & Zip _____					Contact _____										
Phone 775-356-1300		Collector's Name Robert				Phone _____					Fax _____										
Fax 775-356-8917		Project Name				Email _____															
P.O. Number		Project Number 3438				Analyses Requested															
Email mli@mettest.com						S	A	M	P	C	O	N	T	I	N	E	R	S	Analyses Requested		
Additional Information						AMPLE	TYPE	CONTAINERS	Profile	Il w/o Wad	Uranium										
Fax Results Y N To: Client Billing																					
Email Results Y N To: Client Billing																					
Compliance Monitoring Y N																					
Fax Results to State EPA Y N																					
Sample Type Codes																					
DW = Drinking Water SD = Solid																					
WW = Wastewater SO = Soil																					
SW = Surface Water HW = Hazardous Waste																					
MW = Monitoring Well OTHER: _____																					
SAMPLE ID/LOCATION						DATE	TIME	S	A	M	P	C	O	N	T	I	N	E	R	S	Analyses Requested
604 562 Wk:44						12/2/11	9:00	WW	2	X	X										Spl. No.
604 569																					1
604 606																					2
604 653																					3
604 656																					4
604 669																					5
604 673																					6
604 767																					7
604 787																					8
604 811																					9
604 854																					10
604 862						↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	11
						↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	12	
Instructions/Comments/Special Requirements:																					
SAMPLE RECEIPT						DATE	TIME	Samples Relinquished By										Samples Received By			
Temperature 18 °C						12/2	16:05	T [Signature]										D [Signature]			
Custody Seals Intact? Y N None																					
Number of Containers 42																					

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

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Lab Number 11120417
Report _____
Due Date: 12/16/11
Page 2 of 2

Client McClelland Laboratories, Inc.						Turnaround Time							
						Standard	5-Day	Other					
Address 1016 Greg Street						Billing Address (if different than Client Address):							
City, State & Zip Sparks, NV 89431						Company							
Contact Gene McClelland						Address							
Phone 775-356-1300		Collector's Name Robert				City, State & Zip							
Fax 775-356-8917		Project Name				Contact							
P.O. Number		Project Number 3438				Phone							
Email mli@mettest.com						Fax							
						Email							
Additional Information								Analyses Requested					
Fax Results Y N		To: Client		Billing		S A M P L E T Y P E	C O N T A I N E R S	Profile II w/o Wad		Uranium			
Email Results Y N		To: Client		Billing									
Compliance Monitoring Y N													
Fax Results to State EPA Y N													
Sample Type Codes								Spl. No.					
DW = Drinking Water				SD = Solid									
WW = Wastewater				SO = Soil									
SW = Surface Water				HW = Hazardous Waste									
MW = Monitoring Well				OTHER: _____									
SAMPLE ID/LOCATION			DATE	TIME									
604 867	Wk:44		12/2/11	9:00	WW	2	X	X				13	
605 033												14	
605 153												15	
SRK 0854												16	
SRK 0858												17	
SRK 0864												18	
SRK 0866												19	
SRK 0867												20	
SRK 0872	↓		↓	↓	↓	↓	↓	↓				21	
Instructions/Comments/Special Requirements:													
SAMPLE RECEIPT			DATE	TIME	Samples Relinquished By				Samples Received By				
Temperature	18 °C		12/2	16:05	<i>T</i>				<i>✓</i>				
Custody Seals Intact?	Y	N	<i>Note</i>										
Number of Containers	<i>2</i>		<i>42</i>										

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



COPY
30125



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11/29/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1111082

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 11/4/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1111082

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1111082-006 Molybdenum
1111082-010 Potassium
1111082-012 Nitrite Nitrogen, Chloride
1111082-015 Aluminum, Potassium
1111082-016 Cadmium
1111082-017 Nitrite Nitrogen, Chloride

The reporting limits have been adjusted accordingly.

The result for the continuing calibration verification (CCV) sample during the analysis for Fluoride was outside WETLAB acceptance criteria. Spike/Spike Duplicate data was however acceptable. The reported data for Fluoride on samples 1111082-008 through 017 should be considered estimates. We apologize for any inconvenience this may have caused.

Due to a laboratory oversight the analysis for Total Dissolved Solids (TDS) on samples 1111082-019 and 020 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 11/29/2011
OrderID: 1111082

Customer Sample ID: 604 562 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-001

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.68	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	66	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	7.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	66	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.75	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	44	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	0.020	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	36	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	5.9	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.36	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	11/10/2011

Customer Sample ID: 604 562 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-001

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	0.53	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	0.038	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/22/2011
Anions	Calculation	2.27	meq/L	0.10	
Cations	Calculation	2.35	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: 604 569 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-002

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.94	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	24	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	19	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.82	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	12	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	44	mg/L	10	11/5/2011
Aluminum	EPA 200.7	0.070	mg/L	0.045	11/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011

Customer Sample ID: 604 569 WK:40
 WETLAB Sample ID: 1111082-002

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	9.9	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	2.2	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.036	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	0.73	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/22/2011
Anions	Calculation	0.69	meq/L	0.10	
Cations	Calculation	0.70	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 606 WK:40
 WETLAB Sample ID: 1111082-003

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.11	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	60	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH ⁻)	SM 2320B	<1.0	mg/L	1.0	11/4/2011

Customer Sample ID: 604 606 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-003

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	49	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	15	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	64	mg/L	10	11/5/2011
Aluminum	EPA 200.7	0.047	mg/L	0.045	11/10/2011
Barium	EPA 200.7	0.030	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	22	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	3.6	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.043	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	0.68	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/22/2011

Customer Sample ID: 604 606 WK:40
 WETLAB Sample ID: 1111082-003

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.37	meq/L	0.10	
Cations	Calculation	1.47	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: 604 653 WK:40
 WETLAB Sample ID: 1111082-004

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.84	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	45	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	37	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	28	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	83	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	0.061	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	24	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	1.9	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.15	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011

Customer Sample ID: 604 653 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-004

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	0.75	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.14	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/11/2011
Anions	Calculation	1.40	meq/L	0.10	
Cations	Calculation	1.44	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 656 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-005

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	81	mg/L	1.0	11/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	67	mg/L as CaCO3	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	16	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	97	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	28	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011

Customer Sample ID: 604 656 WK:40
 WETLAB Sample ID: 1111082-005

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	5.6	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.091	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	0.050	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	0.010	mg/L	0.010	11/11/2011
Anions	Calculation	1.74	meq/L	0.10	
Cations	Calculation	1.90	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: 604 669 WK:40
 WETLAB Sample ID: 1111082-006

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.38	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	25	mg/L	1.0	11/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	20	mg/L as CaCO3	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011

Customer Sample ID: 604 669 WK:40
 WETLAB Sample ID: 1111082-006

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.64	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	48	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	22	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	4.0	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.71	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	0.62	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/11/2011
Anions	Calculation	1.44	meq/L	0.10	
Cations	Calculation	1.52	meq/L	0.10	

Customer Sample ID: 604 669 WK:40
 WETLAB Sample ID: 1111082-006

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	2.6	%	1.0	

Customer Sample ID: 604 673 WK:40
 WETLAB Sample ID: 1111082-007

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.29	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	1.3	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	1.1	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.49	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	19	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	40	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	0.047	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	6.6	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	0.89	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.050	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	0.59	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011

Customer Sample ID: 604 673 WK:40
 WETLAB Sample ID: 1111082-007

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	0.021	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/11/2011
Anions	Calculation	0.44	meq/L	0.10	
Cations	Calculation	0.47	meq/L	0.10	
Error	Calculation	2.9	%	1.0	

Customer Sample ID: 604 767 WK:40
 WETLAB Sample ID: 1111082-008

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.44	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	34	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	28	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	45	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	56	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/10/2011
Barium	EPA 200.7	0.032	mg/L	0.010	11/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/10/2011
Calcium	EPA 200.7	22	mg/L	0.50	11/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/10/2011

Customer Sample ID: 604 767 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-008

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Magnesium	EPA 200.7	6.1	mg/L	0.50	11/10/2011
Manganese	EPA 200.7	0.28	mg/L	0.0050	11/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	11/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/10/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/10/2011
Strontium	EPA 200.7	0.18	mg/L	0.10	11/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/10/2011
Zinc	EPA 200.7	0.014	mg/L	0.010	11/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/11/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/11/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/11/2011
Anions	Calculation	1.61	meq/L	0.10	
Cations	Calculation	1.65	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: 604 787 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-009

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.83	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	71	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	58	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	27	mg/L	1.0	11/5/2011

Customer Sample ID: 604 787 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-009

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.012	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	30	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	5.2	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.12	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	0.012	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	0.032	mg/L	0.010	11/17/2011
Anions	Calculation	1.80	meq/L	0.10	
Cations	Calculation	1.97	meq/L	0.10	
Error	Calculation	4.3	%	1.0	

Customer Sample ID: 604 811 WK:40
 WETLAB Sample ID: 1111082-010

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.03	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	96	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	78	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	18	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	30	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	8.0	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.038	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	11/15/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.29	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011

Customer Sample ID: 604 811 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-010

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	2.06	meq/L	0.10	
Cations	Calculation	2.16	meq/L	0.10	
Error	Calculation	2.2	%	1.0	

Customer Sample ID: 604 854 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-011

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.70	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	50	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	35	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	95	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.031	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	26	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	6.0	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.096	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.039	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011

Customer Sample ID: 604 854 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-011

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.14	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	0.011	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	1.67	meq/L	0.10	
Cations	Calculation	1.83	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: 604 862 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-012

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.99	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	290	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	230	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	11/5/2011
Fluoride	EPA 300.0	2.5	mg/L	0.20	11/5/2011
Sulfate	EPA 300.0	15	mg/L	2.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	280	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.016	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011

Customer Sample ID: 604 862 WK:40
 WETLAB Sample ID: 1111082-012

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	95	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	12	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.079	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	0.63	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.68	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	5.20	meq/L	0.10	
Cations	Calculation	5.79	meq/L	0.10	
Error	Calculation	5.4	%	1.0	

Customer Sample ID: 604 867 WK:40
 WETLAB Sample ID: 1111082-013

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.88	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	130	mg/L	1.0	11/4/2011

Customer Sample ID: 604 867 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-013

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	85	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	77	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	0.24	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.16	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.31	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	0.025	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011

Customer Sample ID: 604 867 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-013

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	3.98	meq/L	0.10	
Cations	Calculation	4.29	meq/L	0.10	
Error	Calculation	3.7	%	1.0	

Customer Sample ID: 605 033 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-014

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.62	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	47	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	16	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	76	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.013	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	23	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	1.1	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.066	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	11/11/2011

Customer Sample ID: 605 033 WK:40
 WETLAB Sample ID: 1111082-014

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	0.55	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.13	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	1.20	meq/L	0.10	
Cations	Calculation	1.30	meq/L	0.10	
Error	Calculation	3.8	%	1.0	

Customer Sample ID: 605 153 WK:40
 WETLAB Sample ID: 1111082-015

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.52	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	31	mg/L	1.0	11/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	25	mg/L as CaCO3	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.88	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	8.4	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	25	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.20	mg/L	0.20	11/15/2011
Barium	EPA 200.7	0.080	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011

Customer Sample ID: 605 153 WK:40
 WETLAB Sample ID: 1111082-015

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	12	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	1.1	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.035	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	11/15/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	0.55	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	0.73	meq/L	0.10	
Cations	Calculation	0.69	meq/L	0.10	
Error	Calculation	2.7	%	1.0	

Customer Sample ID: SRK 0854 WK:40
 WETLAB Sample ID: 1111082-016

Collect Date/Time: 11/4/2011 09:00
 Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.06	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011

Customer Sample ID: SRK 0854 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-016

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.30	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	110	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	11/5/2011
Aluminum	EPA 200.7	0.10	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.023	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	11/14/2011
Calcium	EPA 200.7	12	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	45	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	0.70	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.20	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	0.64	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	0.72	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	0.25	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	0.0065	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011

Customer Sample ID: SRK 0854 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-016

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.31	meq/L	0.10	
Cations	Calculation	2.12	meq/L	0.10	
Error	Calculation	4.3	%	1.0	

Customer Sample ID: SRK 0858 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-017

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.69	pH Units		11/4/2011
Acidity (Titrimetric)	SM 2310B	330	mg/L as CaCO ₃		11/4/2011
Chloride	EPA 300.0	<5.0	mg/L	5.0	11/5/2011
Fluoride	EPA 300.0	0.58	mg/L	0.50	11/5/2011
Sulfate	EPA 300.0	440	mg/L	5.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	460	mg/L	10	11/5/2011
Aluminum	EPA 200.7	11	mg/L	0.045	11/11/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	0.0049	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	3.0	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	0.021	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	0.055	mg/L	0.010	11/11/2011
Copper	EPA 200.7	7.5	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	47	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.13	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	0.59	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011

Customer Sample ID: SRK 0858 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-017

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	0.041	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	0.0066	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	0.015	mg/L	0.010	11/17/2011
Anions	Calculation	9.19	meq/L	0.10	
Cations	Calculation	7.70	meq/L	0.10	
Error	Calculation	8.8	%	1.0	

Customer Sample ID: SRK 0864 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-018

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.69	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	34	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	28	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.20	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	1.6	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	48	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.014	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	11	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011

Customer Sample ID: SRK 0864 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-018

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	0.62	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	0.60	meq/L	0.10	
Cations	Calculation	0.73	meq/L	0.10	
Error	Calculation	9.5	%	1.0	

Customer Sample ID: SRK 0866 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-019

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.44	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	2.3	mg/L	1.0	11/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	1.9	mg/L as CaCO3	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.81	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	6.6	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011

Customer Sample ID: SRK 0866 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-019

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	12 HT	mg/L	10	11/17/2011
Aluminum	EPA 200.7	0.088	mg/L	0.045	11/11/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	3.2	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.0065	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	0.22	meq/L	0.10	
Cations	Calculation	0.21	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: SRK 0867 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-020

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.27	pH Units		11/4/2011
Bicarbonate (HCO ₃)	SM 2320B	21	mg/L	1.0	11/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	17	mg/L as CaCO ₃	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.44	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	20	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	73	HT mg/L	10	11/17/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.016	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	14	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	0.012	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.011	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	0.0073	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011

Customer Sample ID: SRK 0867 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-020

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	0.78	meq/L	0.10	
Cations	Calculation	0.80	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0872 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-021

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.26	pH Units		11/4/2011
Bicarbonate (HCO3)	SM 2320B	24	mg/L	1.0	11/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/4/2011
Total Alkalinity	SM 2320B	19	mg/L as CaCO3	1.0	11/4/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/5/2011
Fluoride	EPA 300.0	0.27	mg/L	0.10	11/5/2011
Sulfate	EPA 300.0	54	mg/L	1.0	11/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/5/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	11/5/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/11/2011
Barium	EPA 200.7	0.020	mg/L	0.010	11/11/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/11/2011
Calcium	EPA 200.7	29	mg/L	0.50	11/11/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Magnesium	EPA 200.7	0.98	mg/L	0.50	11/11/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Molybdenum	EPA 200.7	0.31	mg/L	0.010	11/11/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/11/2011

Customer Sample ID: SRK 0872 WK:40

Collect Date/Time: 11/4/2011 09:00

WETLAB Sample ID: 1111082-021

Receive Date: 11/4/2011 16:10

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/11/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	11/11/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/11/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/11/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	11/17/2011
Anions	Calculation	1.53	meq/L	0.10	
Cations	Calculation	1.53	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11110172	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11110172	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11110173	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11110173	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11110173	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11110175	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11110175	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11110175	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11110176	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11110176	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11110177	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110177	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110177	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110178	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110178	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110178	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110180	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110180	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110180	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110181	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110181	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110183	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11110183	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11110183	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11110184	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11110184	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11110184	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11110280	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110280	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110280	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110342	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11110344	Blank 1	Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
QC11110358	Blank 1	Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11110359	Blank 1	Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
QC11110363	Blank 1	Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
QC11110375	Blank 1	Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
QC11110588	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
QC11110589	Blank 1	Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Lead	EPA 200.8	<0.0025	mg/L		
		Selenium	EPA 200.8	<0.0050	mg/L		
		Thallium	EPA 200.8	<0.0010	mg/L		
		Uranium	EPA 200.8	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11110161	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11110161	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11110161	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11110161	LCS 4	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11110163	LCS 1	Alkalinity	SM 2320B	94.9	100	95	mg/L
QC11110163	LCS 2	Alkalinity	SM 2320B	94.4	100	94	mg/L
QC11110163	LCS 3	Alkalinity	SM 2320B	93.6	100	94	mg/L
QC11110163	LCS 4	Alkalinity	SM 2320B	94.5	100	94	mg/L
QC11110172	LCS 1	Fluoride	EPA 300.0	2.16	2.00	108	mg/L
QC11110173	LCS 1	Fluoride	EPA 300.0	2.16	2.00	108	mg/L
QC11110175	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC11110176	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC11110177	LCS 1	Nitrite Nitrogen	EPA 300.0	0.517	0.500	103	mg/L
QC11110178	LCS 1	Nitrite Nitrogen	EPA 300.0	0.517	0.500	103	mg/L
QC11110180	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC11110181	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC11110183	LCS 1	Sulfate	EPA 300.0	25.0	25.0	100	mg/L
QC11110184	LCS 1	Sulfate	EPA 300.0	25.0	25.0	100	mg/L
QC11110280	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	155	150	103	mg/L
QC11110280	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L
QC11110280	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	148	150	99	mg/L
QC11110342	LCS 1	Aluminum	EPA 200.7	1.04	1.00	104	mg/L
		Barium	EPA 200.7	1.06	1.00	106	mg/L
		Beryllium	EPA 200.7	1.06	1.00	106	mg/L
		Bismuth	EPA 200.7	1.06	1.00	106	mg/L
		Boron	EPA 200.7	1.04	1.00	104	mg/L
		Cadmium	EPA 200.7	1.07	1.00	107	mg/L
		Calcium	EPA 200.7	10.6	10.0	106	mg/L
		Chromium	EPA 200.7	1.05	1.00	105	mg/L
		Cobalt	EPA 200.7	1.07	1.00	107	mg/L
		Copper	EPA 200.7	5.14	5.00	103	mg/L
		Gallium	EPA 200.7	1.04	1.00	104	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	1.03	1.00	103	mg/L
		Magnesium	EPA 200.7	10.7	10.0	107	mg/L
		Manganese	EPA 200.7	1.05	1.00	105	mg/L
		Molybdenum	EPA 200.7	1.06	1.00	106	mg/L
		Nickel	EPA 200.7	5.34	5.00	107	mg/L
		Phosphorus	EPA 200.7	5.34	5.00	107	mg/L
		Potassium	EPA 200.7	10.7	10.0	107	mg/L
		Scandium	EPA 200.7	1.04	1.00	104	mg/L
		Silver	EPA 200.7	0.094	0.090	105	mg/L
		Sodium	EPA 200.7	10.6	10.0	106	mg/L
		Strontium	EPA 200.7	1.05	1.00	105	mg/L
		Tin	EPA 200.7	1.06	1.00	106	mg/L
		Titanium	EPA 200.7	1.07	1.00	107	mg/L
		Vanadium	EPA 200.7	1.05	1.00	105	mg/L
		Zinc	EPA 200.7	1.09	1.00	109	mg/L
QC11110344	LCS 1	Aluminum	EPA 200.7	1.06	1.00	106	mg/L
		Barium	EPA 200.7	1.07	1.00	107	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11110358	LCS 1	Beryllium	EPA 200.7	1.08	1.00	108	mg/L
		Bismuth	EPA 200.7	1.10	1.00	110	mg/L
		Boron	EPA 200.7	1.06	1.00	106	mg/L
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L
		Calcium	EPA 200.7	10.8	10.0	108	mg/L
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.08	1.00	108	mg/L
		Copper	EPA 200.7	5.18	5.00	104	mg/L
		Gallium	EPA 200.7	1.06	1.00	106	mg/L
		Iron	EPA 200.7	1.06	1.00	106	mg/L
		Lithium	EPA 200.7	1.05	1.00	105	mg/L
		Magnesium	EPA 200.7	10.6	10.0	106	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.08	1.00	108	mg/L
		Nickel	EPA 200.7	5.38	5.00	108	mg/L
		Phosphorus	EPA 200.7	5.47	5.00	109	mg/L
		Potassium	EPA 200.7	10.6	10.0	106	mg/L
		Scandium	EPA 200.7	1.06	1.00	106	mg/L
		Silver	EPA 200.7	0.096	0.090	107	mg/L
		Sodium	EPA 200.7	10.9	10.0	109	mg/L
		Strontium	EPA 200.7	1.09	1.00	109	mg/L
		Tin	EPA 200.7	1.08	1.00	108	mg/L
		Titanium	EPA 200.7	1.05	1.00	105	mg/L
		Vanadium	EPA 200.7	1.07	1.00	107	mg/L
		Zinc	EPA 200.7	1.10	1.00	110	mg/L
QC11110359	LCS 1	Aluminum	EPA 200.7	1.06	1.00	106	mg/L
		Barium	EPA 200.7	1.08	1.00	108	mg/L
		Beryllium	EPA 200.7	1.06	1.00	106	mg/L
		Bismuth	EPA 200.7	1.08	1.00	108	mg/L
		Boron	EPA 200.7	1.05	1.00	105	mg/L
		Cadmium	EPA 200.7	1.10	1.00	110	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
		Copper	EPA 200.7	5.10	5.00	102	mg/L
		Gallium	EPA 200.7	1.06	1.00	106	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	0.984	1.00	98	mg/L
		Magnesium	EPA 200.7	10.7	10.0	107	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.09	1.00	109	mg/L
		Nickel	EPA 200.7	5.45	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.60	5.00	112	mg/L
		Potassium	EPA 200.7	10.4	10.0	104	mg/L
		Scandium	EPA 200.7	1.03	1.00	103	mg/L
		Silver	EPA 200.7	0.096	0.090	106	mg/L
		Sodium	EPA 200.7	9.99	10.0	100	mg/L
		Strontium	EPA 200.7	0.985	1.00	98	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.06	1.00	106	mg/L
		Zinc	EPA 200.7	1.13	1.00	113	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11110363	LCS 1	Boron	EPA 200.7	1.05	1.00	105	mg/L
		Cadmium	EPA 200.7	1.10	1.00	110	mg/L
		Calcium	EPA 200.7	10.7	10.0	107	mg/L
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.09	1.00	109	mg/L
		Copper	EPA 200.7	5.10	5.00	102	mg/L
		Gallium	EPA 200.7	1.06	1.00	106	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	0.984	1.00	98	mg/L
		Magnesium	EPA 200.7	10.7	10.0	107	mg/L
		Manganese	EPA 200.7	1.08	1.00	108	mg/L
		Molybdenum	EPA 200.7	1.09	1.00	109	mg/L
		Nickel	EPA 200.7	5.45	5.00	109	mg/L
		Phosphorus	EPA 200.7	5.60	5.00	112	mg/L
		Potassium	EPA 200.7	10.4	10.0	104	mg/L
		Scandium	EPA 200.7	1.03	1.00	103	mg/L
		Silver	EPA 200.7	0.096	0.090	106	mg/L
		Sodium	EPA 200.7	9.99	10.0	100	mg/L
		Strontium	EPA 200.7	0.985	1.00	98	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.06	1.00	106	mg/L
		Zinc	EPA 200.7	1.13	1.00	113	mg/L
QC11110375	LCS 1	Mercury	EPA 200.8	0.000989	0.001	99	mg/L
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L
		Arsenic	EPA 200.8	0.0496	0.050	99	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0483	0.050	97	mg/L
		Thallium	EPA 200.8	0.0099	0.010	99	mg/L
		Uranium	EPA 200.8	0.0097	0.010	97	mg/L
QC11110588	LCS 1	Mercury	EPA 200.8	0.001041	0.001	104	mg/L
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L
		Arsenic	EPA 200.8	0.0501	0.050	100	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0490	0.050	98	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
		Uranium	EPA 200.8	0.0099	0.010	99	mg/L
QC11110589	LCS 1	Mercury	EPA 200.8	0.000983	0.001	98	mg/L
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L
		Arsenic	EPA 200.8	0.0493	0.050	99	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0495	0.050	99	mg/L
		Thallium	EPA 200.8	0.0095	0.010	95	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	97	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11110161	Duplicate	pH	SM 4500-H+ B	1111030-001	8.42	8.48	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC11110161	Duplicate	pH	SM 4500-H+B	1111032-002	8.07	8.08	pH Units	<1%	
QC11110161	Duplicate	pH	SM 4500-H+B	1111072-001	8.37	8.43	pH Units	1 %	
QC11110161	Duplicate	pH	SM 4500-H+B	1111074-005	7.53	7.46	pH Units	1 %	
QC11110161	Duplicate	pH	SM 4500-H+B	1111084-001	2.96	2.94	pH Units	1 %	
QC11110161	Duplicate	pH	SM 4500-H+B	1111085-001	9.79	9.81	pH Units	<1%	
QC11110161	Duplicate	pH	SM 4500-H+B	1111085-002	9.94	9.95	pH Units	<1%	
QC11110161	Duplicate	pH	SM 4500-H+B	1111086-003	7.77	7.69	pH Units	1 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111030-001	48.1	55.1	mg/L	14 %	
		Carbonate (CO ₃)	SM 2320B	1111030-001	3.19	<1.000	Q	mg/L	200 %
		Hydroxide (OH)	SM 2320B	1111030-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111030-001	44.8	45.2	mg/L as CaCO ₃	1 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111032-002	254	253	mg/L	1 %	
		Carbonate (CO ₃)	SM 2320B	1111032-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1111032-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111032-002	209	207	mg/L as CaCO ₃	1 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111072-001	81.7	79.0	mg/L	3 %	
		Carbonate (CO ₃)	SM 2320B	1111072-001	2.27	4.70	Q	mg/L	70 %
		Hydroxide (OH)	SM 2320B	1111072-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111072-001	70.7	72.5	mg/L as CaCO ₃	3 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111074-005	423	422	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1111074-005	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1111074-005	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111074-005	347	346	mg/L as CaCO ₃	<1%	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111082-002	23.7	22.5	mg/L	5 %	
		Carbonate (CO ₃)	SM 2320B	1111082-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1111082-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111082-002	19.4	18.5	mg/L as CaCO ₃	5 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111085-001	36.2	31.4	mg/L	14 %	
		Carbonate (CO ₃)	SM 2320B	1111085-001	60.1	62.0	mg/L	3 %	
		Hydroxide (OH)	SM 2320B	1111085-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111085-001	129	129	mg/L as CaCO ₃	1 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111085-002	25.9	23.2	mg/L	11 %	
		Carbonate (CO ₃)	SM 2320B	1111085-002	76.3	83.8	mg/L	9 %	
		Hydroxide (OH)	SM 2320B	1111085-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111085-002	148	158	mg/L as CaCO ₃	7 %	
QC11110163	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111086-003	315	332	mg/L	5 %	
		Carbonate (CO ₃)	SM 2320B	1111086-003	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1111086-003	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1111086-003	258	272	mg/L as CaCO ₃	5 %	
QC11110280	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111032-001	534	528	mg/L	1 %	
QC11110280	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111073-001	207	205	mg/L	1 %	
QC11110280	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111082-003	64.0	56.0	mg/L	13 %	
QC11110280	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111082-013	238	228	mg/L	4 %	
QC11110280	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111085-001	156	163	mg/L	4 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11110172	MS 1	Fluoride	EPA 300.0	1111025-003	<0.100	HT 2.14	2.15	2.00	mg/L	108	108	<1%
QC11110173	MS 1	Fluoride	EPA 300.0	1111082-008	2.21	3.96	3.95	2.00	mg/L	87	87	<1%
QC11110173	MS 2	Fluoride	EPA 300.0	1111082-018	0.197	2.33	2.32	2.00	mg/L	107	106	<1%
QC11110175	MS 1	Chloride	EPA 300.0	1111078-001	21.4	25.9	26.0	5.00	mg/L	90	91	<1%
QC11110175	MS 2	Chloride	EPA 300.0	1111082-008	<1.000	5.22	5.19	5.00	mg/L	103	102	1 %
QC11110176	MS 1	Chloride	EPA 300.0	1111082-018	<1.000	5.29	5.28	5.00	mg/L	104	103	<1%
QC11110177	MS 1	Nitrite Nitrogen	EPA 300.0	1111067-005	<0.025	0.464	0.473	0.500	mg/L	92	94	2 %
QC11110177	MS 2	Nitrite Nitrogen	EPA 300.0	1111067-012	<0.025	0.505	0.510	0.500	mg/L	100	101	1 %
QC11110178	MS 1	Nitrite Nitrogen	EPA 300.0	1111082-008	<0.025	0.507	0.489	0.500	mg/L	100	97	4 %
QC11110178	MS 2	Nitrite Nitrogen	EPA 300.0	1111082-018	<0.025	0.512	0.514	0.500	mg/L	101	101	<1%
QC11110180	MS 1	Nitrate Nitrogen	EPA 300.0	1111078-001	<1.000	2.12	2.13	2.00	mg/L	103	104	<1%
QC11110180	MS 2	Nitrate Nitrogen	EPA 300.0	1111082-008	<1.000	2.08	2.08	2.00	mg/L	103	103	<1%
QC11110181	MS 1	Nitrate Nitrogen	EPA 300.0	1111082-018	<1.000	2.81	2.81	2.00	mg/L	105	105	<1%
QC11110183	MS 1	Sulfate	EPA 300.0	1111025-003	<1.000	HT 10.1	10.2	10.0	mg/L	102	102	1 %
QC11110183	MS 2	Sulfate	EPA 300.0	1111078-001	88.0	M 95.5	95.5	10.0	mg/L	NC	NC	NC
QC11110184	MS 1	Sulfate	EPA 300.0	1111082-008	44.7	53.0	53.6	10.0	mg/L	83	89	1 %
QC11110184	MS 2	Sulfate	EPA 300.0	1111082-018	1.58	12.1	12.0	10.0	mg/L	105	104	1 %
QC11110342	MS 1	Aluminum, Dissolved	EPA 200.7	1111086-001	<0.045	1.10	1.05	1.00	mg/L	109	104	5 %
		Barium, Dissolved	EPA 200.7	1111086-001	0.031	1.05	1.06	1.00	mg/L	102	103	1 %
		Beryllium, Dissolved	EPA 200.7	1111086-001	<0.001	0.985	1.02	1.00	mg/L	99	102	3 %
		Bismuth, Dissolved	EPA 200.7	1111086-001	<0.100	0.976	1.00	1.00	mg/L	102	104	2 %
		Boron, Dissolved	EPA 200.7	1111086-001	<0.100	1.08	1.11	1.00	mg/L	103	106	3 %
		Cadmium, Dissolved	EPA 200.7	1111086-001	<0.001	0.974	1.00	1.00	mg/L	98	100	3 %
		Calcium, Dissolved	EPA 200.7	1111086-001	176	SC 179	188	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1111086-001	<0.005	1.02	1.04	1.00	mg/L	102	104	2 %
		Cobalt, Dissolved	EPA 200.7	1111086-001	<0.010	0.988	1.02	1.00	mg/L	98	102	3 %
		Copper, Dissolved	EPA 200.7	1111086-001	<0.050	5.37	5.44	5.00	mg/L	107	109	1 %
		Gallium, Dissolved	EPA 200.7	1111086-001	<0.100	1.03	1.03	1.00	mg/L	103	103	<1%
		Iron, Dissolved	EPA 200.7	1111086-001	0.027	1.02	1.06	1.00	mg/L	99	103	4 %
		Lithium, Dissolved	EPA 200.7	1111086-001	<0.100	1.06	1.11	1.00	mg/L	101	106	5 %
		Magnesium, Dissolved	EPA 200.7	1111086-001	52.4	SC 57.5	60.5	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1111086-001	0.031	1.04	1.05	1.00	mg/L	101	102	1 %
		Molybdenum, Dissolved	EPA 200.7	1111086-001	0.015	1.03	1.05	1.00	mg/L	102	104	2 %
		Nickel, Dissolved	EPA 200.7	1111086-001	<0.010	4.92	5.07	5.00	mg/L	98	101	3 %
		Phosphorus, Dissolved	EPA 200.7	1111086-001	<0.500	5.22	5.35	5.00	mg/L	102	104	2 %
		Potassium, Dissolved	EPA 200.7	1111086-001	7.76	18.6	19.6	10.0	mg/L	108	118	5 %
		Scandium, Dissolved	EPA 200.7	1111086-001	<0.100	1.02	1.06	1.00	mg/L	102	106	4 %
		Silver, Dissolved	EPA 200.7	1111086-001	<0.005	0.094	0.094	0.090	mg/L	104	104	<1%
		Sodium, Dissolved	EPA 200.7	1111086-001	41.2	50.8	53.8	10.0	mg/L	96	126	6 %
		Strontium, Dissolved	EPA 200.7	1111086-001	0.954	1.97	2.10	1.00	mg/L	102	115	6 %
		Tin, Dissolved	EPA 200.7	1111086-001	<0.100	0.890	0.891	1.00	mg/L	99	99	<1%
		Titanium, Dissolved	EPA 200.7	1111086-001	<0.100	0.995	1.07	1.00	mg/L	100	107	7 %
		Vanadium, Dissolved	EPA 200.7	1111086-001	0.048	1.07	1.09	1.00	mg/L	102	104	2 %
		Zinc, Dissolved	EPA 200.7	1111086-001	<0.010	0.965	0.997	1.00	mg/L	96	100	3 %
QC11110344	MS 1	Aluminum, Dissolved	EPA 200.7	1111086-002	<0.045	1.01	0.971	1.00	mg/L	99	95	4 %
		Barium, Dissolved	EPA 200.7	1111086-002	0.110	1.15	1.12	1.00	mg/L	104	101	3 %
		Beryllium, Dissolved	EPA 200.7	1111086-002	<0.001	1.05	1.05	1.00	mg/L	105	105	<1%
		Bismuth, Dissolved	EPA 200.7	1111086-002	<0.100	1.03	1.03	1.00	mg/L	105	105	<1%
		Boron, Dissolved	EPA 200.7	1111086-002	<0.100	1.12	1.09	1.00	mg/L	104	101	3 %
		Cadmium, Dissolved	EPA 200.7	1111086-002	<0.001	1.04	1.01	1.00	mg/L	104	101	3 %
		Calcium, Dissolved	EPA 200.7	1111086-002	45.2	56.0	55.6	10.0	mg/L	108	104	1 %
		Chromium, Dissolved	EPA 200.7	1111086-002	<0.005	1.02	0.991	1.00	mg/L	102	99	3 %
		Cobalt, Dissolved	EPA 200.7	1111086-002	<0.010	1.02	1.02	1.00	mg/L	102	102	<1%
		Copper, Dissolved	EPA 200.7	1111086-002	<0.050	5.10	4.94	5.00	mg/L	102	99	3 %
		Gallium, Dissolved	EPA 200.7	1111086-002	<0.100	1.01	0.994	1.00	mg/L	100	99	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11110358	MS 1	Iron, Dissolved	EPA 200.7	1111086-002	1.47	2.58	2.55	1.00	mg/L	111	108	1 %
		Lithium, Dissolved	EPA 200.7	1111086-002	<0.100	1.02	1.02	1.00	mg/L	99	99	<1%
		Magnesium, Dissolved	EPA 200.7	1111086-002	21.3	31.6	31.3	10.0	mg/L	103	100	1 %
		Manganese, Dissolved	EPA 200.7	1111086-002	0.907	1.97	1.91	1.00	mg/L	106	100	3 %
		Molybdenum, Dissolved	EPA 200.7	1111086-002	<0.010	1.05	1.04	1.00	mg/L	105	104	1 %
		Nickel, Dissolved	EPA 200.7	1111086-002	<0.010	5.13	5.03	5.00	mg/L	103	101	2 %
		Phosphorus, Dissolved	EPA 200.7	1111086-002	<0.500	5.40	5.37	5.00	mg/L	105	104	1 %
		Potassium, Dissolved	EPA 200.7	1111086-002	10.4	21.7	21.5	10.0	mg/L	113	111	1 %
		Scandium, Dissolved	EPA 200.7	1111086-002	<0.100	1.03	1.03	1.00	mg/L	103	103	<1%
		Silver, Dissolved	EPA 200.7	1111086-002	<0.005	0.092	0.089	0.090	mg/L	103	100	3 %
		Sodium, Dissolved	EPA 200.7	1111086-002	47.6	58.6	58.2	10.0	mg/L	110	106	1 %
		Strontium, Dissolved	EPA 200.7	1111086-002	0.637	1.69	1.69	1.00	mg/L	105	105	<1%
		Tin, Dissolved	EPA 200.7	1111086-002	<0.100	0.998	0.981	1.00	mg/L	106	104	2 %
		Titanium, Dissolved	EPA 200.7	1111086-002	<0.100	1.03	1.02	1.00	mg/L	103	102	1 %
		Vanadium, Dissolved	EPA 200.7	1111086-002	0.025	1.07	1.04	1.00	mg/L	105	102	3 %
		Zinc, Dissolved	EPA 200.7	1111086-002	<0.010	1.06	1.04	1.00	mg/L	106	104	2 %
		Aluminum	EPA 200.7	1111116-001	<0.045	1.05	1.09	1.00	mg/L	102	106	4 %
		Barium	EPA 200.7	1111116-001	0.037	1.08	1.12	1.00	mg/L	104	108	4 %
		Beryllium	EPA 200.7	1111116-001	<0.001	1.04	1.08	1.00	mg/L	104	108	4 %
		Bismuth	EPA 200.7	1111116-001	<0.100	1.00	1.05	1.00	mg/L	103	108	5 %
		Boron	EPA 200.7	1111116-001	0.163	1.27	1.32	1.00	mg/L	111	116	4 %
		Cadmium	EPA 200.7	1111116-001	<0.001	1.05	1.09	1.00	mg/L	105	109	4 %
		Calcium	EPA 200.7	1111116-001	493	SC 488	503	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1111116-001	<0.005	1.05	1.09	1.00	mg/L	105	109	4 %
		Cobalt	EPA 200.7	1111116-001	<0.010	1.02	1.06	1.00	mg/L	102	106	4 %
		Copper	EPA 200.7	1111116-001	<0.050	5.25	5.44	5.00	mg/L	105	109	4 %
		Gallium	EPA 200.7	1111116-001	<0.100	1.00	1.04	1.00	mg/L	99	103	4 %
		Iron	EPA 200.7	1111116-001	2.94	4.06	4.21	1.00	mg/L	112	127	4 %
		Lithium	EPA 200.7	1111116-001	0.124	1.14	1.19	1.00	mg/L	102	107	4 %
		Magnesium	EPA 200.7	1111116-001	67.7	75.5	78.5	10.0	mg/L	78	108	4 %
		Manganese	EPA 200.7	1111116-001	0.310	1.35	1.40	1.00	mg/L	104	109	4 %
		Molybdenum	EPA 200.7	1111116-001	0.289	1.35	1.41	1.00	mg/L	106	112	4 %
		Nickel	EPA 200.7	1111116-001	<0.010	5.14	5.31	5.00	mg/L	103	106	3 %
		Phosphorus	EPA 200.7	1111116-001	<0.500	5.78	5.98	5.00	mg/L	114	118	3 %
		Potassium	EPA 200.7	1111116-001	11.6	23.5	24.3	10.0	mg/L	119	127	3 %
		Scandium	EPA 200.7	1111116-001	<0.100	1.03	1.07	1.00	mg/L	103	107	4 %
		Silver	EPA 200.7	1111116-001	<0.005	0.096	0.101	0.090	mg/L	109	114	5 %
		Sodium	EPA 200.7	1111116-001	143	SC 148	153	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1111116-001	3.00	3.87	3.99	1.00	mg/L	87	99	3 %
		Tin	EPA 200.7	1111116-001	<0.100	0.900	0.944	1.00	mg/L	105	109	5 %
		Titanium	EPA 200.7	1111116-001	<0.100	1.01	1.05	1.00	mg/L	102	106	4 %
		Vanadium	EPA 200.7	1111116-001	0.053	1.10	1.14	1.00	mg/L	105	109	4 %
		Zinc	EPA 200.7	1111116-001	<0.010	1.07	1.11	1.00	mg/L	106	110	4 %
QC11110359	MS 1	Aluminum	EPA 200.7	1111116-002	0.112	1.19	1.13	1.00	mg/L	108	102	5 %
		Barium	EPA 200.7	1111116-002	0.021	1.07	1.00	1.00	mg/L	105	98	7 %
		Beryllium	EPA 200.7	1111116-002	<0.001	1.11	1.03	1.00	mg/L	111	103	7 %
		Bismuth	EPA 200.7	1111116-002	<0.100	1.04	0.984	1.00	mg/L	105	99	6 %
		Boron	EPA 200.7	1111116-002	0.451	1.53	1.45	1.00	mg/L	108	100	5 %
		Cadmium	EPA 200.7	1111116-002	<0.001	1.09	1.02	1.00	mg/L	109	102	7 %
		Calcium	EPA 200.7	1111116-002	43.0	54.6	53.0	10.0	mg/L	116	100	3 %
		Chromium	EPA 200.7	1111116-002	<0.005	1.02	0.958	1.00	mg/L	102	96	6 %
		Cobalt	EPA 200.7	1111116-002	<0.010	1.06	0.984	1.00	mg/L	106	98	7 %
		Copper	EPA 200.7	1111116-002	<0.050	5.04	4.74	5.00	mg/L	101	95	6 %
		Gallium	EPA 200.7	1111116-002	<0.100	0.990	0.935	1.00	mg/L	98	93	6 %
		Iron	EPA 200.7	1111116-002	2.63	3.88	3.78	1.00	mg/L	125	115	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Lithium	EPA 200.7	1111116-002	<0.100	1.13	1.09	1.00	mg/L	104	100	4 %
		Magnesium	EPA 200.7	1111116-002	5.87	16.8	16.1	10.0	mg/L	109	102	4 %
		Manganese	EPA 200.7	1111116-002	0.020	1.09	1.02	1.00	mg/L	107	100	7 %
		Molybdenum	EPA 200.7	1111116-002	<0.010	1.08	1.03	1.00	mg/L	108	103	5 %
		Nickel	EPA 200.7	1111116-002	<0.010	5.31	4.98	5.00	mg/L	106	100	6 %
		Phosphorus	EPA 200.7	1111116-002	<0.500	5.80	5.38	5.00	mg/L	112	103	8 %
		Potassium	EPA 200.7	1111116-002	5.36	17.6	16.9	10.0	mg/L	122	115	4 %
		Scandium	EPA 200.7	1111116-002	<0.100	1.06	0.986	1.00	mg/L	106	99	7 %
		Silver	EPA 200.7	1111116-002	<0.005	0.093	0.088	0.090	mg/L	104	98	6 %
		Sodium	EPA 200.7	1111116-002	210	SC 224	219	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1111116-002	0.398	1.45	1.40	1.00	mg/L	105	100	4 %
		Tin	EPA 200.7	1111116-002	<0.100	1.06	1.01	1.00	mg/L	110	105	5 %
		Titanium	EPA 200.7	1111116-002	<0.100	1.02	1.00	1.00	mg/L	102	100	2 %
		Vanadium	EPA 200.7	1111116-002	0.018	1.08	1.01	1.00	mg/L	106	99	7 %
		Zinc	EPA 200.7	1111116-002	<0.010	1.12	1.05	1.00	mg/L	111	104	6 %
QC11110363	MS 1	Uranium, Dissolved	EPA 200.8	1111086-001	<0.0100	0.0129	0.0130	0.010	mg/L	89	90	1 %
		Mercury, Dissolved	EPA 200.8	1111086-001	<0.00010	0.000918	0.000924	0.001	mg/L	92	92	1 %
		Antimony, Dissolved	EPA 200.8	1111086-001	<0.0025	0.0109	0.0107	0.010	mg/L	102	100	2 %
		Arsenic, Dissolved	EPA 200.8	1111086-001	0.0050	0.0557	0.0564	0.050	mg/L	101	103	1 %
		Lead, Dissolved	EPA 200.8	1111086-001	<0.0025	0.0095	0.0097	0.010	mg/L	95	97	2 %
		Selenium, Dissolved	EPA 200.8	1111086-001	<0.0050	0.0477	0.0489	0.050	mg/L	93	95	2 %
		Thallium, Dissolved	EPA 200.8	1111086-001	<0.0010	0.0094	0.0095	0.010	mg/L	94	95	1 %
QC11110375	MS 1	Uranium, Dissolved	EPA 200.8	1111086-002	<0.0100	0.0113	0.0114	0.010	mg/L	101	103	1 %
		Mercury, Dissolved	EPA 200.8	1111086-002	<0.00010	0.001022	0.001051	0.001	mg/L	102	105	3 %
		Antimony, Dissolved	EPA 200.8	1111086-002	<0.0025	0.0101	0.0101	0.010	mg/L	100	99	<1%
		Arsenic, Dissolved	EPA 200.8	1111086-002	0.0051	0.0568	0.0571	0.050	mg/L	103	104	1 %
		Lead, Dissolved	EPA 200.8	1111086-002	<0.0025	0.0101	0.0102	0.010	mg/L	101	102	1 %
		Selenium, Dissolved	EPA 200.8	1111086-002	<0.0050	0.0490	0.0493	0.050	mg/L	97	98	1 %
		Thallium, Dissolved	EPA 200.8	1111086-002	<0.0010	0.0098	0.0099	0.010	mg/L	98	99	1 %
QC11110588	MS 1	Mercury	EPA 200.8	1111116-001	<0.00010	0.001087	0.001138	0.001	mg/L	105	110	5 %
		Antimony	EPA 200.8	1111116-001	<0.0025	0.0122	0.0124	0.010	mg/L	100	102	2 %
		Arsenic	EPA 200.8	1111116-001	0.0088	0.0681	0.0690	0.050	mg/L	119	120	1 %
		Lead	EPA 200.8	1111116-001	<0.0025	0.0106	0.0106	0.010	mg/L	106	106	<1%
		Selenium	EPA 200.8	1111116-001	<0.0050	0.0556	0.0562	0.050	mg/L	107	108	1 %
		Thallium	EPA 200.8	1111116-001	<0.0010	0.0100	0.0102	0.010	mg/L	100	102	2 %
		Uranium	EPA 200.8	1111116-001	<0.0100	0.0152	0.0150	0.010	mg/L	109	108	1 %
QC11110589	MS 1	Mercury	EPA 200.8	1111116-002	<0.00010	0.001155	0.001177	0.001	mg/L	107	109	2 %
		Antimony	EPA 200.8	1111116-002	<0.0025	0.0106	0.0104	0.010	mg/L	105	103	2 %
		Arsenic	EPA 200.8	1111116-002	0.0181	0.0728	0.0707	0.050	mg/L	109	105	3 %
		Lead	EPA 200.8	1111116-002	<0.0025	0.0105	0.0103	0.010	mg/L	103	101	2 %
		Selenium	EPA 200.8	1111116-002	<0.0050	0.0625	0.0613	0.050	mg/L	116	114	2 %
		Thallium	EPA 200.8	1111116-002	<0.0010	0.0099	0.0097	0.010	mg/L	99	97	2 %
		Uranium	EPA 200.8	1111116-002	<0.0100	0.0133	0.0131	0.010	mg/L	104	102	2 %



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Lab Number

1111082

Report

Due Date:

11/18/11

Page

1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water

SD = Solid

WW = Wastewater

SO = Soil

SW = Surface Water

HW = Hazardous Waste

MW = Monitoring Well

OTHER: _____

Sample ID	Wk:40	Date	Time	WW	2	X	X	Profile II w/o Wad	Uranium	Spl. No.
604 562		11/04/11	9:00							1
604 569										2
604 606										3
604 653										4
604 656										5
604 669										6
604 673										7
604 767										8
604 787										9
604 811										10
604 854										11
604 862										12

Instructions/Comments/Special Requirements:

Temperature	19 °C	11/04/11 16:10	V	SM
Custody Seals Intact?	Y N	None		
Number of Containers	42			

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



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Page 2 of 2

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Phone 775-356-1300

Collector's Name Robert

Fax 775-356-8917

Project Name

P.O. Number

Project Number 3438

Email mli@mettest.com

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water

SD = Solid

WW = Wastewater

SO = Soil

SW = Surface Water

HW = Hazardous Waste

MW = Monitoring Well

OTHER: _____

Sample ID	Wk:40	Date	Time	WW	2	X	X	Profile II w/o Ward	Uranium	Sol. No.
604 867		11/04/11	9:00	WW	2	X	X			13
605 033										14
605 153										15
SRK 0854										16
SRK 0858										17
SRK 0864										18
SRK 0866										19
SRK 0867										20
SRK 0872	↓	↓	↓	↓	↓	↓	↓			21

Instructions/Comments/Special Requirements:

Temperature	19 °C	11/4/11	1101D	Y	<i>[Signature]</i>	<i>[Signature]</i>
Custody Seals Intact?	Y	N	None			
Number of Containers	42					

WETLAB IS NOT LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS REPORT.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



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10/27/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1110123

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 10/7/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1110123

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1110123-001 Selenium
1110123-006 Iron
1110123-009 Iron
1110123-020 Potassium

The reporting limits have been adjusted accordingly.

Due to a laboratory oversight the analysis for Total Dissolved Solids (TDS) on samples 1110123-002, 010, and 018 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 10/27/2011

OrderID: 1110123

Customer Sample ID: 604 562 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-001

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.63	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	71	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	58	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	0.78	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	54	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	110 Q	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.023	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	36	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	6.1	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.31	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	10/17/2011

Customer Sample ID: 604 562 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-001

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	0.69	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.026	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	10/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	2.33	meq/L	0.10	
Cations	Calculation	2.37	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 569 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-002

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.22	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	25	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	20	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	0.83	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	13	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	48	HT mg/L	10	10/20/2011
Aluminum	EPA 200.7	0.085	mg/L	0.045	10/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011

Customer Sample ID: 604 569 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-002

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	9.7	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	2.2	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.042	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	0.78	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	0.72	meq/L	0.10	
Cations	Calculation	0.70	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Customer Sample ID: 604 606 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-003

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.78	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	60	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011

Customer Sample ID: 604 606 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-003

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	50	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	21	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	84	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.047	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.028	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	22	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	3.7	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.037	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.17	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011

Customer Sample ID: 604 606 wk:36
 WETLAB Sample ID: 1110123-003

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.50	meq/L	0.10	
Cations	Calculation	1.45	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 653 wk:36
 WETLAB Sample ID: 1110123-004

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.67	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	53	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	44	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	28	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	73	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.051	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.061	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	24	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	2.1	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.16	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.7	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011

Customer Sample ID: 604 653 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-004

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	0.61	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.14	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	1.53	meq/L	0.10	
Cations	Calculation	1.45	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Customer Sample ID: 604 656 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-005

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.89	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	80	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	65	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	27	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	28	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011

Customer Sample ID: 604 656 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-005

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	5.7	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.075	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.046	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	1.96	meq/L	0.10	
Cations	Calculation	1.91	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 669 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-006

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.48	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	41	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	34	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011

Customer Sample ID: 604 669 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-006

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.66	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	60	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	27	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	10/18/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	4.9	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.83	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.7	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.20	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	1.96	meq/L	0.10	
Cations	Calculation	1.82	meq/L	0.10	

Customer Sample ID: 604 669 wk:36
 WETLAB Sample ID: 1110123-006

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	3.5	%	1.0	

Customer Sample ID: 604 673 wk:36
 WETLAB Sample ID: 1110123-007

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.06	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	1.3	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	1.0	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	0.51	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	22	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	38	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.050	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	6.7	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	0.98	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.037	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011

Customer Sample ID: 604 673 wk:36
WETLAB Sample ID: 1110123-007

Collect Date/Time: 10/7/2011 09:00
Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.013	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	0.51	meq/L	0.10	
Cations	Calculation	0.46	meq/L	0.10	
Error	Calculation	5.3	%	1.0	

Customer Sample ID: 604 767 wk:36
WETLAB Sample ID: 1110123-008

Collect Date/Time: 10/7/2011 09:00
Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.34	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	51	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.034	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	23	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011

Customer Sample ID: 604 767 wk:36
 WETLAB Sample ID: 1110123-008

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	6.8	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.014	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/18/2011
Anions	Calculation	1.80	meq/L	0.10	
Cations	Calculation	1.75	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 604 787 wk:36
 WETLAB Sample ID: 1110123-009

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.77	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	72	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	59	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	26	mg/L	1.0	10/7/2011

Customer Sample ID: 604 787 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-009

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	97	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.011	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	27	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	10/18/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	4.7	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.088	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.026	mg/L	0.010	10/18/2011
Anions	Calculation	1.81	meq/L	0.10	
Cations	Calculation	1.77	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-010

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.02	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	84	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	21	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	130	Q,HTmg/L	10	10/20/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	29	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	7.8	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.037	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	0.64	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.32	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/18/2011

Customer Sample ID: 604 811 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-010

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.008	mg/L	0.0010	10/18/2011
Anions	Calculation	2.19	meq/L	0.10	
Cations	Calculation	2.15	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: 604 854 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-011

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	44	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	36	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	45	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	74	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.028	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	23	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	5.4	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.085	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.038	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011

Customer Sample ID: 604 854 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-011

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.15	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.002	mg/L	0.0010	10/18/2011
Anions	Calculation	1.78	meq/L	0.10	
Cations	Calculation	1.63	meq/L	0.10	
Error	Calculation	4.3	%	1.0	

Customer Sample ID: 604 862 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-012

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	270	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	220	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	18	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.013	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011

Customer Sample ID: 604 862 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-012

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	81	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	10	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.066	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	0.66	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.70	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	0.015	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.006	mg/L	0.0010	10/18/2011
Anions	Calculation	4.94	meq/L	0.10	
Cations	Calculation	4.93	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 867 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-013

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.71	pH Units		10/7/2011
Bicarbonate (HCO3)	SM 2320B	100	mg/L	1.0	10/7/2011

Customer Sample ID: 604 867 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-013

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	82	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	110	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	72	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	0.13	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	4.3	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.11	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.31	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.011	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	0.0067	mg/L	0.0050	10/17/2011

Customer Sample ID: 604 867 wk:36
 WETLAB Sample ID: 1110123-013

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.0010	mg/L	0.0010	10/18/2011
Anions	Calculation	4.02	meq/L	0.10	
Cations	Calculation	3.99	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 033 wk:36
 WETLAB Sample ID: 1110123-014

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.57	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	49	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	40	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	21	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	76	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.046	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.013	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	23	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	1.3	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.060	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.3	mg/L	0.50	10/17/2011

Customer Sample ID: 605 033 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-014

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.14	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.007	mg/L	0.0010	10/18/2011
Anions	Calculation	1.34	meq/L	0.10	
Cations	Calculation	1.32	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-015

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.54	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	9.9	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	39	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.065	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.11	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011

Customer Sample ID: 605 153 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-015

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	14	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	0.027	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.030	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.0	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.72	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.006	mg/L	0.0010	10/18/2011
Anions	Calculation	0.89	meq/L	0.10	
Cations	Calculation	0.86	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: SRK 0864 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-016

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.79	pH Units		10/7/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011

Customer Sample ID: SRK 0864 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-016

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.27	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	120	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.13	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.014	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	0.0027	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	14	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	52	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	0.88	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.23	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	0.59	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.27	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	0.0074	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.0010	mg/L	0.0010	10/18/2011

Customer Sample ID: SRK 0864 wk:36
WETLAB Sample ID: 1110123-016

Collect Date/Time: 10/7/2011 09:00
Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.51	meq/L	0.10	
Cations	Calculation	2.45	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: SRK 0866 wk:36
WETLAB Sample ID: 1110123-017

Collect Date/Time: 10/7/2011 09:00
Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.63	pH Units		10/7/2011
Acidity (Titrimetric)	SM 2310B	340	mg/L as CaCO ₃		10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.71	mg/L	0.20	10/21/2011
Sulfate	EPA 300.0	390	mg/L	2.0	10/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	460	mg/L	10	10/11/2011
Aluminum	EPA 200.7	11	mg/L	0.045	10/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	0.0055	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	3.7	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	0.024	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	0.055	mg/L	0.010	10/17/2011
Copper	EPA 200.7	10	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	46	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011

Customer Sample ID: SRK 0866 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-017

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	0.044	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	0.0052	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	0.0075	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	0.017	mg/L	0.0010	10/18/2011
Anions	Calculation	8.16	meq/L	0.10	
Cations	Calculation	7.86	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: SRK 0867 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-018

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.73	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	35	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	29	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.28	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	2.3	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	74	HT mg/L	10	10/20/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.011	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	9.4	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011

Customer Sample ID: SRK 0867 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-018

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	10/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.0010	mg/L	0.0010	10/18/2011
Anions	Calculation	0.64	meq/L	0.10	
Cations	Calculation	0.61	meq/L	0.10	
Error	Calculation	1.9	%	1.0	

Customer Sample ID: SRK 0872 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-019

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.42	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	2.5	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	2.0	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.99	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	10	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011

Customer Sample ID: SRK 0872 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-019

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	15	mg/L	10	10/11/2011
Aluminum	EPA 200.7	0.078	mg/L	0.045	10/18/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Calcium	EPA 200.7	4.4	mg/L	0.50	10/18/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/18/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Magnesium	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Manganese	EPA 200.7	0.0051	mg/L	0.0050	10/18/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	10/18/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	10/18/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	0.30	meq/L	0.10	
Cations	Calculation	0.31	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 604 562 wk:36
 WETLAB Sample ID: 1110123-020

Collect Date/Time: 10/7/2011 09:00
 Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.26	pH Units		10/7/2011
Bicarbonate (HCO3)	SM 2320B	25	mg/L	1.0	10/7/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	20	mg/L as CaCO3	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.56	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	23	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	59	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/18/2011
Barium	EPA 200.7	0.013	mg/L	0.010	10/18/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Calcium	EPA 200.7	14	mg/L	0.50	10/18/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/18/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	10/18/2011
Manganese	EPA 200.7	0.010	mg/L	0.0050	10/18/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	10/18/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	10/18/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	0.0076	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011

Customer Sample ID: 604 562 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-020

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	0.92	meq/L	0.10	
Cations	Calculation	0.80	meq/L	0.10	
Error	Calculation	7.0	%	1.0	

Customer Sample ID: 604 562 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-021

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.19	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	20	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	16	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/8/2011
Fluoride	EPA 300.0	0.29	mg/L	0.10	10/8/2011
Sulfate	EPA 300.0	67	mg/L	1.0	10/8/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/8/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/8/2011
Total Dissolved Solids (TDS)	SM 2540C	130 Q	mg/L	10	10/11/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/18/2011
Barium	EPA 200.7	0.019	mg/L	0.010	10/18/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/18/2011
Calcium	EPA 200.7	32	mg/L	0.50	10/18/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/18/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Magnesium	EPA 200.7	0.94	mg/L	0.50	10/18/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Molybdenum	EPA 200.7	0.33	mg/L	0.010	10/18/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/18/2011

Customer Sample ID: 604 562 wk:36

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110123-021

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/18/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	10/18/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/18/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/18/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/17/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	10/17/2011
Anions	Calculation	1.74	meq/L	0.10	
Cations	Calculation	1.67	meq/L	0.10	
Error	Calculation	1.9	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11100258	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11100258	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11100258	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11100259	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11100259	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11100259	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11100260	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11100260	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11100260	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11100261	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11100261	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11100261	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11100262	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100262	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100262	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100263	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100263	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100263	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100264	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100264	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100264	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100265	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100265	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100265	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100266	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11100266	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11100266	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11100267	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11100267	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11100267	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11100414	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100414	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100414	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100532	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11100533	Blank 1	Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
QC11100547	Blank 1	Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
QC11100548	Blank 1	Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
QC11100578	Blank 1	Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L		
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L		
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L		
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L		
		Copper, Dissolved	EPA 200.7	<0.050	mg/L		
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L		
		Iron, Dissolved	EPA 200.7	<0.010	mg/L		
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L		
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L		
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L		
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L		
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L		
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L		
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L		
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L		
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L		
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L		
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L		
		Tin, Dissolved	EPA 200.7	<0.10	mg/L		
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L		
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L		
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual		
QC11100255	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11100255	LCS 2	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100255	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100257	LCS 1	Alkalinity	SM 2320B	94.0	100	94	mg/L
QC11100257	LCS 2	Alkalinity	SM 2320B	94.5	100	94	mg/L
QC11100257	LCS 3	Alkalinity	SM 2320B	94.3	100	94	mg/L
QC11100258	LCS 1	Fluoride	EPA 300.0	2.08	2.00	104	mg/L
QC11100259	LCS 1	Fluoride	EPA 300.0	2.08	2.00	104	mg/L
QC11100260	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11100261	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11100262	LCS 1	Nitrite Nitrogen	EPA 300.0	0.506	0.500	101	mg/L
QC11100263	LCS 1	Nitrite Nitrogen	EPA 300.0	0.506	0.500	101	mg/L
QC11100264	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC11100265	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC11100266	LCS 1	Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC11100267	LCS 1	Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC11100414	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC11100414	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	155	150	103	mg/L
QC11100414	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	136	150	91	mg/L
QC11100532	LCS 1	Aluminum	EPA 200.7	0.984	1.00	98	mg/L
		Barium	EPA 200.7	0.972	1.00	97	mg/L
		Beryllium	EPA 200.7	0.973	1.00	97	mg/L
		Bismuth	EPA 200.7	0.995	1.00	100	mg/L
		Boron	EPA 200.7	0.933	1.00	93	mg/L
		Cadmium	EPA 200.7	0.986	1.00	99	mg/L
		Calcium	EPA 200.7	9.81	10.0	98	mg/L
		Chromium	EPA 200.7	0.962	1.00	96	mg/L
		Cobalt	EPA 200.7	0.974	1.00	97	mg/L
		Copper	EPA 200.7	4.75	5.00	95	mg/L
		Gallium	EPA 200.7	0.978	1.00	98	mg/L
		Iron	EPA 200.7	0.969	1.00	97	mg/L
		Lithium	EPA 200.7	0.955	1.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11100533	LCS 1	Magnesium	EPA 200.7	9.71	10.0	97	mg/L
		Manganese	EPA 200.7	0.965	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.969	1.00	97	mg/L
		Nickel	EPA 200.7	4.90	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.90	5.00	98	mg/L
		Potassium	EPA 200.7	9.94	10.0	99	mg/L
		Scandium	EPA 200.7	0.967	1.00	97	mg/L
		Silver	EPA 200.7	0.087	0.090	96	mg/L
		Sodium	EPA 200.7	9.57	10.0	96	mg/L
		Strontium	EPA 200.7	0.965	1.00	96	mg/L
		Tin	EPA 200.7	0.943	1.00	94	mg/L
		Titanium	EPA 200.7	0.971	1.00	97	mg/L
		Vanadium	EPA 200.7	0.969	1.00	97	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
		Aluminum	EPA 200.7	0.946	1.00	95	mg/L
		Barium	EPA 200.7	0.951	1.00	95	mg/L
		Beryllium	EPA 200.7	0.974	1.00	97	mg/L
		Bismuth	EPA 200.7	0.963	1.00	96	mg/L
		Boron	EPA 200.7	0.938	1.00	94	mg/L
		Cadmium	EPA 200.7	0.962	1.00	96	mg/L
		Calcium	EPA 200.7	9.81	10.0	98	mg/L
		Chromium	EPA 200.7	0.946	1.00	95	mg/L
		Cobalt	EPA 200.7	0.963	1.00	96	mg/L
		Copper	EPA 200.7	4.76	5.00	95	mg/L
QC11100547	LCS 1	Gallium	EPA 200.7	0.964	1.00	96	mg/L
		Iron	EPA 200.7	0.981	1.00	98	mg/L
		Lithium	EPA 200.7	0.985	1.00	98	mg/L
		Magnesium	EPA 200.7	9.66	10.0	97	mg/L
		Manganese	EPA 200.7	0.948	1.00	95	mg/L
		Molybdenum	EPA 200.7	0.950	1.00	95	mg/L
		Nickel	EPA 200.7	4.79	5.00	96	mg/L
		Phosphorus	EPA 200.7	4.68	5.00	94	mg/L
		Potassium	EPA 200.7	9.68	10.0	97	mg/L
		Scandium	EPA 200.7	0.966	1.00	97	mg/L
		Silver	EPA 200.7	0.085	0.090	94	mg/L
		Sodium	EPA 200.7	9.83	10.0	98	mg/L
		Strontium	EPA 200.7	0.991	1.00	99	mg/L
		Tin	EPA 200.7	0.922	1.00	92	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
QC11100548	LCS 1	Vanadium	EPA 200.7	0.954	1.00	95	mg/L
		Zinc	EPA 200.7	0.964	1.00	96	mg/L
		Mercury	EPA 200.8	0.001056	0.001	106	mg/L
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L
		Arsenic	EPA 200.8	0.0477	0.050	95	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0461	0.050	92	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
		Uranium	EPA 200.8	0.0098	0.010	98	mg/L
		Mercury	EPA 200.8	0.000916	0.001	92	mg/L
QC11100578	LCS 1	Antimony	EPA 200.8	0.0094	0.010	94	mg/L
		Arsenic	EPA 200.8	0.0477	0.050	96	mg/L
		Lead	EPA 200.8	0.0095	0.010	95	mg/L
		Selenium	EPA 200.8	0.0467	0.050	93	mg/L
		Thallium	EPA 200.8	0.0092	0.010	92	mg/L
		Uranium	EPA 200.8	0.0092	0.010	92	mg/L
		Aluminum	EPA 200.7	0.980	1.00	98	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Barium	EPA 200.7	0.975	1.00	98	mg/L
		Beryllium	EPA 200.7	0.970	1.00	97	mg/L
		Bismuth	EPA 200.7	0.997	1.00	100	mg/L
		Boron	EPA 200.7	0.951	1.00	95	mg/L
		Cadmium	EPA 200.7	0.993	1.00	99	mg/L
		Calcium	EPA 200.7	9.89	10.0	99	mg/L
		Chromium	EPA 200.7	0.967	1.00	97	mg/L
		Cobalt	EPA 200.7	0.999	1.00	100	mg/L
		Copper	EPA 200.7	4.72	5.00	94	mg/L
		Gallium	EPA 200.7	0.965	1.00	96	mg/L
		Iron	EPA 200.7	0.942	1.00	94	mg/L
		Lithium	EPA 200.7	0.961	1.00	96	mg/L
		Magnesium	EPA 200.7	9.61	10.0	96	mg/L
		Manganese	EPA 200.7	0.972	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.978	1.00	98	mg/L
		Nickel	EPA 200.7	4.94	5.00	99	mg/L
		Phosphorus	EPA 200.7	4.96	5.00	99	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.959	1.00	96	mg/L
		Silver	EPA 200.7	0.085	0.090	94	mg/L
		Sodium	EPA 200.7	9.73	10.0	97	mg/L
		Strontium	EPA 200.7	0.979	1.00	98	mg/L
		Tin	EPA 200.7	0.968	1.00	97	mg/L
		Titanium	EPA 200.7	0.946	1.00	95	mg/L
		Vanadium	EPA 200.7	0.966	1.00	97	mg/L
		Zinc	EPA 200.7	1.01	1.00	101	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11100255	Duplicate	pH	SM 4500-H+ B	1110104-001	8.20	8.17	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110108-001	8.76	8.82	pH Units	1 %
QC11100255	Duplicate	pH	SM 4500-H+ B	1110111-006	7.03	7.01	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110118-005	7.79	7.80	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110122-001	7.89	7.95	pH Units	1 %
QC11100255	Duplicate	pH	SM 4500-H+ B	1110123-018	7.73	7.73	pH Units	<1%
QC11100257	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110104-001	247	248	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1110104-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110104-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110104-001	203	203	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1110108-001	31.0	27.8	mg/L	11 %
		Carbonate (CO ₃)	SM 2320B	1110108-001	9.04	10.2	mg/L	12 %
		Hydroxide (OH)	SM 2320B	1110108-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110108-001	40.5	39.7	mg/L as CaCO ₃	2 %
		Bicarbonate (HCO ₃)	SM 2320B	1110111-006	396	396	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1110111-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110111-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110111-006	325	325	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1110118-005	168	166	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1110118-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110118-005	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC11100257	Duplicate	Total Alkalinity	SM 2320B	1110118-005	137	136	mg/L as CaCO ₃	1 %				
		Bicarbonate (HCO ₃)	SM 2320B	1110122-001	120	120	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1110122-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1110122-001	<1.000	<1.000	mg/L	<1%				
QC11100257	Duplicate	Total Alkalinity	SM 2320B	1110122-001	98.4	98.8	mg/L as CaCO ₃	<1%				
		Bicarbonate (HCO ₃)	SM 2320B	1110123-018	35.1	35.7	mg/L	2 %				
		Carbonate (CO ₃)	SM 2320B	1110123-018	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1110123-018	<1.000	<1.000	mg/L	<1%				
QC11100414	Duplicate	Total Alkalinity	SM 2320B	1110123-018	28.8	29.3	mg/L as CaCO ₃	2 %				
		Total Dissolved Solids (TDS)	SM 2540C	1110123-001	112	124	Q mg/L	10 %				
		Total Dissolved Solids (TDS)	SM 2540C	1110123-010	126	54.0	Q,HT mg/L	20 %				
		Total Dissolved Solids (TDS)	SM 2540C	1110123-021	132	120	Q mg/L	10 %				
QC11100414	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110126-010	506	462	Q,HT mg/L	9 %				
		Total Dissolved Solids (TDS)	SM 2540C	1109121-011	6360	6720	Q mg/L	6 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	MS % Rec.	MSD % Rec.	RPD	
QC11100258	MS 1	Fluoride	EPA 300.0	1110095-007	<0.100	2.18	2.20	2.00	mg/L	107	108	1 %
QC11100258	MS 2	Fluoride	EPA 300.0	1110095-009	<0.100	2.31	2.45	2.00	mg/L	112	119	6 %
QC11100259	MS 1	Fluoride	EPA 300.0	1110123-005	1.67	3.54	3.51	2.00	mg/L	93	92	1 %
QC11100259	MS 2	Fluoride	EPA 300.0	1110123-015	1.06	3.03	3.02	2.00	mg/L	98	98	<1%
QC11100260	MS 1	Chloride	EPA 300.0	1110095-007	<1.000	5.47	5.60	5.00	mg/L	101	104	2 %
QC11100260	MS 2	Chloride	EPA 300.0	1110095-009	2.40	7.48	7.61	5.00	mg/L	102	104	2 %
QC11100261	MS 1	Chloride	EPA 300.0	1110123-005	<1.000	5.19	5.15	5.00	mg/L	103	102	1 %
QC11100261	MS 2	Chloride	EPA 300.0	1110123-015	<1.000	5.18	5.16	5.00	mg/L	103	103	<1%
QC11100262	MS 1	Nitrite Nitrogen	EPA 300.0	1110095-007	<0.025	0.496	0.509	0.500	mg/L	98	100	3 %
QC11100262	MS 2	Nitrite Nitrogen	EPA 300.0	1110095-009	<0.025	0.491	0.502	0.500	mg/L	97	99	2 %
QC11100263	MS 1	Nitrite Nitrogen	EPA 300.0	1110123-005	<0.025	0.496	0.493	0.500	mg/L	98	98	1 %
QC11100263	MS 2	Nitrite Nitrogen	EPA 300.0	1110123-015	<0.025	0.503	0.502	0.500	mg/L	99	99	<1%
QC11100264	MS 1	Nitrate Nitrogen	EPA 300.0	1110095-007	<1.000	2.06	2.12	2.00	mg/L	102	105	3 %
QC11100264	MS 2	Nitrate Nitrogen	EPA 300.0	1110095-009	<1.000	2.19	2.24	2.00	mg/L	103	106	2 %
QC11100265	MS 1	Nitrate Nitrogen	EPA 300.0	1110123-005	<1.000	2.09	2.07	2.00	mg/L	104	103	1 %
QC11100265	MS 2	Nitrate Nitrogen	EPA 300.0	1110123-015	<1.000	2.10	2.09	2.00	mg/L	104	104	<1%
QC11100266	MS 1	Sulfate	EPA 300.0	1110095-007	4.48	13.9	14.1	10.0	mg/L	95	96	1 %
QC11100266	MS 2	Sulfate	EPA 300.0	1110095-009	35.7	M 43.3	43.9	10.0	mg/L	NC	NC	NC
QC11100267	MS 1	Sulfate	EPA 300.0	1110123-005	26.7	36.5	36.4	10.0	mg/L	98	97	<1%
QC11100267	MS 2	Sulfate	EPA 300.0	1110123-015	9.91	20.2	20.2	10.0	mg/L	103	103	<1%
QC11100532	MS 1	Aluminum, Dissolved	EPA 200.7	1110204-002	<0.045	0.764	0.779	1.00	mg/L	75	77	2 %
		Barium, Dissolved	EPA 200.7	1110204-002	0.127	M 0.170	0.162	1.00	mg/L	NC	NC	NC
		Beryllium, Dissolved	EPA 200.7	1110204-002	<0.001	0.965	0.951	1.00	mg/L	97	95	1 %
		Bismuth, Dissolved	EPA 200.7	1110204-002	<0.100	0.902	0.889	1.00	mg/L	98	97	1 %
		Boron, Dissolved	EPA 200.7	1110204-002	15.2	SC 16.6	16.3	1.00	mg/L	NC	NC	NC
		Cadmium, Dissolved	EPA 200.7	1110204-002	<0.001	0.902	0.885	1.00	mg/L	91	89	2 %
		Calcium, Dissolved	EPA 200.7	1110204-002	342	SC 356	355	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1110204-002	0.010	0.907	0.899	1.00	mg/L	90	89	1 %
		Cobalt, Dissolved	EPA 200.7	1110204-002	<0.010	0.864	0.849	1.00	mg/L	86	85	2 %
		Copper, Dissolved	EPA 200.7	1110204-002	<0.050	5.20	5.22	5.00	mg/L	104	104	<1%
		Gallium, Dissolved	EPA 200.7	1110204-002	<0.100	0.820	0.822	1.00	mg/L	81	81	<1%
		Iron, Dissolved	EPA 200.7	1110204-002	<0.010	0.824	0.823	1.00	mg/L	93	93	<1%
		Lithium, Dissolved	EPA 200.7	1110204-002	15.3	SC 17.8	18.3	1.00	mg/L	NC	NC	NC
		Magnesium, Dissolved	EPA 200.7	1110204-002	165	176	173	10.0	mg/L	110	80	2 %
		Manganese, Dissolved	EPA 200.7	1110204-002	<0.005	0.758	0.752	1.00	mg/L	88	87	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11100533	MS 1	Molybdenum, Dissolved	EPA 200.7	1110204-002	0.914	1.85	1.81	1.00	mg/L	94	90	2 %
		Nickel, Dissolved	EPA 200.7	1110204-002	0.052	4.53	4.47	5.00	mg/L	90	88	1 %
		Phosphorus, Dissolved	EPA 200.7	1110204-002	<0.500	5.82	5.69	5.00	mg/L	113	110	2 %
		Potassium, Dissolved	EPA 200.7	1110204-002	564	SC 584	596	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1110204-002	<0.100	0.950	0.950	1.00	mg/L	95	95	<1%
		Silver, Dissolved	EPA 200.7	1110204-002	<0.005	0.095	0.096	0.090	mg/L	108	109	1 %
		Sodium, Dissolved	EPA 200.7	1110204-002	10000	SC 10000	10300	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1110204-002	7.22	8.18	8.30	1.00	mg/L	96	108	1 %
		Tin, Dissolved	EPA 200.7	1110204-002	<0.100	0.798	0.764	1.00	mg/L	89	86	4 %
		Titanium, Dissolved	EPA 200.7	1110204-002	<0.100	0.979	0.962	1.00	mg/L	98	96	2 %
		Vanadium, Dissolved	EPA 200.7	1110204-002	0.130	1.07	1.07	1.00	mg/L	94	94	<1%
		Zinc, Dissolved	EPA 200.7	1110204-002	<0.010	0.948	0.925	1.00	mg/L	95	93	2 %
		Aluminum, Dissolved	EPA 200.7	1110204-003	<0.450	0.710	0.704	1.00	mg/L	80	79	1 %
		Barium, Dissolved	EPA 200.7	1110204-003	0.103	M 0.352	0.432	1.00	mg/L	NC	NC	NC
		Beryllium, Dissolved	EPA 200.7	1110204-003	<0.010	1.04	1.09	1.00	mg/L	104	109	5 %
		Bismuth, Dissolved	EPA 200.7	1110204-003	<1.000	0.366	0.498	1.00	mg/L	72	85	31 %
		Boron, Dissolved	EPA 200.7	1110204-003	31.5	SC 32.3	33.6	1.00	mg/L	NC	NC	NC
		Cadmium, Dissolved	EPA 200.7	1110204-003	<0.010	1.02	1.09	1.00	mg/L	104	111	7 %
		Calcium, Dissolved	EPA 200.7	1110204-003	280	SC 232	301	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1110204-003	<0.050	1.04	1.10	1.00	mg/L	100	106	6 %
		Cobalt, Dissolved	EPA 200.7	1110204-003	<0.100	1.01	1.06	1.00	mg/L	100	105	5 %
		Copper, Dissolved	EPA 200.7	1110204-003	<0.500	5.45	5.70	5.00	mg/L	108	113	4 %
		Gallium, Dissolved	EPA 200.7	1110204-003	<1.000	0.897	0.943	1.00	mg/L	89	94	5 %
		Iron, Dissolved	EPA 200.7	1110204-003	<0.100	0.794	0.853	1.00	mg/L	96	102	7 %
		Lithium, Dissolved	EPA 200.7	1110204-003	22.8	SC 23.8	25.6	1.00	mg/L	NC	NC	NC
		Magnesium, Dissolved	EPA 200.7	1110204-003	405	418	445	10.0	mg/L	130	400	6 %
		Manganese, Dissolved	EPA 200.7	1110204-003	<0.050	0.951	0.969	1.00	mg/L	103	104	2 %
		Molybdenum, Dissolved	EPA 200.7	1110204-003	1.78	2.81	2.96	1.00	mg/L	103	118	5 %
		Nickel, Dissolved	EPA 200.7	1110204-003	0.176	5.34	5.66	5.00	mg/L	103	110	6 %
		Phosphorus, Dissolved	EPA 200.7	1110204-003	<5.000	6.62	7.06	5.00	mg/L	115	124	6 %
		Potassium, Dissolved	EPA 200.7	1110204-003	1250	SC 1250	1340	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1110204-003	<1.000	0.882	0.990	1.00	mg/L	88	99	12 %
		Silver, Dissolved	EPA 200.7	1110204-003	<0.050	0.104	0.077	0.090	mg/L	111	81	30 %
		Sodium, Dissolved	EPA 200.7	1110204-003	24100	SC 24000	25600	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1110204-003	5.14	SC 4.48	6.05	1.00	mg/L	NC	NC	NC
		Tin, Dissolved	EPA 200.7	1110204-003	<1.000	0.847	0.865	1.00	mg/L	109	111	2 %
		Titanium, Dissolved	EPA 200.7	1110204-003	<1.000	0.966	1.05	1.00	mg/L	99	107	8 %
		Vanadium, Dissolved	EPA 200.7	1110204-003	0.624	1.67	1.73	1.00	mg/L	105	111	4 %
		Zinc, Dissolved	EPA 200.7	1110204-003	<0.100	1.10	1.18	1.00	mg/L	109	117	7 %
QC11100547	MS 1	Uranium, Dissolved	EPA 200.8	1110204-003	0.0098	0.0200	0.0202	0.010	mg/L	102	104	1 %
		Mercury, Dissolved	EPA 200.8	1110204-003	<0.00200	M <0.00200	0.002011	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1110204-003	0.1144	SC 0.1364	0.1395	0.010	mg/L	NC	NC	NC
		Arsenic, Dissolved	EPA 200.8	1110204-003	0.1432	M 0.2260	0.2242	0.050	mg/L	NC	NC	NC
		Lead, Dissolved	EPA 200.8	1110204-003	<0.0050	M 0.0062	0.0064	0.010	mg/L	NC	NC	NC
		Selenium, Dissolved	EPA 200.8	1110204-003	0.1143	M 0.1931	0.1929	0.050	mg/L	NC	NC	NC
		Thallium, Dissolved	EPA 200.8	1110204-003	<0.0050	0.0095	0.0099	0.010	mg/L	94	98	4 %
QC11100548	MS 1	Uranium, Dissolved	EPA 200.8	1110232-001	<0.0100	0.0112	0.0109	0.010	mg/L	100	97	3 %
		Mercury, Dissolved	EPA 200.8	1110232-001	<0.00010	0.001017	0.000995	0.001	mg/L	116	118	2 %
		Antimony, Dissolved	EPA 200.8	1110232-001	0.0044	0.0140	0.0138	0.010	mg/L	96	94	1 %
		Arsenic, Dissolved	EPA 200.8	1110232-001	0.0434	0.0849	0.0837	0.050	mg/L	83	81	1 %
		Lead, Dissolved	EPA 200.8	1110232-001	<0.0025	0.0099	0.0097	0.010	mg/L	98	96	2 %
		Selenium, Dissolved	EPA 200.8	1110232-001	<0.0100	M 0.0343	0.0352	0.050	mg/L	NC	NC	NC
QC11100578	MS 1	Thallium, Dissolved	EPA 200.8	1110232-001	<0.0010	0.0095	0.0092	0.010	mg/L	95	92	3 %
		Aluminum, Dissolved	EPA 200.7	1110232-001	<0.045	0.964	0.968	1.00	mg/L	95	95	<1%
		Barium, Dissolved	EPA 200.7	1110232-001	<0.010	0.954	0.963	1.00	mg/L	95	96	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Beryllium, Dissolved	EPA 200.7	1110232-001	<0.001	0.960	0.968	1.00	mg/L	96	97	1 %
		Bismuth, Dissolved	EPA 200.7	1110232-001	<0.100	0.966	0.970	1.00	mg/L	96	96	<1%
		Boron, Dissolved	EPA 200.7	1110232-001	0.249	1.19	1.21	1.00	mg/L	94	96	2 %
		Cadmium, Dissolved	EPA 200.7	1110232-001	<0.001	0.957	0.970	1.00	mg/L	96	97	1 %
		Calcium, Dissolved	EPA 200.7	1110232-001	9.24	19.0	19.0	10.0	mg/L	98	98	<1%
		Chromium, Dissolved	EPA 200.7	1110232-001	<0.005	0.938	0.946	1.00	mg/L	94	95	1 %
		Cobalt, Dissolved	EPA 200.7	1110232-001	<0.010	0.967	0.970	1.00	mg/L	97	97	<1%
		Copper, Dissolved	EPA 200.7	1110232-001	<0.050	4.84	4.86	5.00	mg/L	97	97	<1%
		Gallium, Dissolved	EPA 200.7	1110232-001	<0.100	0.949	0.953	1.00	mg/L	95	95	<1%
		Iron, Dissolved	EPA 200.7	1110232-001	0.031	0.954	0.961	1.00	mg/L	92	93	1 %
		Lithium, Dissolved	EPA 200.7	1110232-001	<0.100	0.991	0.981	1.00	mg/L	97	96	1 %
		Magnesium, Dissolved	EPA 200.7	1110232-001	1.84	11.2	11.3	10.0	mg/L	94	95	1 %
		Manganese, Dissolved	EPA 200.7	1110232-001	0.074	1.03	1.03	1.00	mg/L	96	96	<1%
		Molybdenum, Dissolved	EPA 200.7	1110232-001	0.017	0.970	0.973	1.00	mg/L	95	96	<1%
		Nickel, Dissolved	EPA 200.7	1110232-001	<0.010	4.78	4.83	5.00	mg/L	96	97	1 %
		Phosphorus, Dissolved	EPA 200.7	1110232-001	<0.500	4.83	4.87	5.00	mg/L	97	97	1 %
		Potassium, Dissolved	EPA 200.7	1110232-001	5.68	16.3	16.3	10.0	mg/L	106	106	<1%
		Scandium, Dissolved	EPA 200.7	1110232-001	<0.100	0.949	0.952	1.00	mg/L	95	95	<1%
		Silver, Dissolved	EPA 200.7	1110232-001	<0.005	0.077	0.078	0.090	mg/L	87	88	1 %
		Sodium, Dissolved	EPA 200.7	1110232-001	89.5	98.3	97.6	10.0	mg/L	88	81	1 %
		Strontium, Dissolved	EPA 200.7	1110232-001	<0.100	1.03	1.02	1.00	mg/L	99	98	1 %
		Tin, Dissolved	EPA 200.7	1110232-001	<0.100	0.930	0.940	1.00	mg/L	94	95	1 %
		Titanium, Dissolved	EPA 200.7	1110232-001	<0.100	0.936	0.940	1.00	mg/L	93	94	<1%
		Vanadium, Dissolved	EPA 200.7	1110232-001	<0.010	0.958	0.963	1.00	mg/L	96	96	1 %
		Zinc, Dissolved	EPA 200.7	1110232-001	<0.010	0.987	1.00	1.00	mg/L	99	100	1 %

**WETLAB**

WESTERN ENVIRONMENTAL

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Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #118 | Sparks, Nevada 89431

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Lab Number

1110123

Report

Due Date:

10-21-11

Page 1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name Robert

Fax 775-356-8917

Project Name

P.O. Number

Project Number 3438

Email mli@mettest.com

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water
WW = Wastewater
SW = Surface Water
MW = Monitoring Well

SD = Solid
SO = Soil
HW = Hazardous Waste
OTHER: _____

Sample No.	Profile II w/o Ward	Uranium										
			1	2	3	4	5	6	7	8	9	10
604 562	Wk:36		10/07/11	9:00	WW	2	X	X				1
604 569												2
604 606												3
604 653												4
604 656												5
604 669												6
604 673												7
604 767												8
604 787												9
604 811												10
604 854												11
604 862	↓	↓	↓	↓	↓	↓	↓	↓				12

Instructions/Comments/Special Requirements:

Temperature 22 °C

10-7-11 1605

Custody Seals Intact? Y N None

Number of Containers 42

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

301.2E



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Lab Number

1110123

Report

10-21-11

Due Date:

Page 2 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State/EPA	Y	N		

DW = Drinking Water
WW = Wastewater
SW = Surface Water
MW = Monitoring Well

SD = Solid
SO = Soil
HW = Hazardous Waste
OTHER: _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Spl. No.	Profile II w/o Ward	Uranium										
13												
14												
15												
16												
17												
18												
19												
20												
21												

604 867

Wk:36

10/07/11 9:00

WW

2

X

X

605 033

605 153

SRK 0854

SRK 0858

SRK 0864

SRK 0866

SRK 0867

SRK 0872

▼

▼

▼

▼

▼

▼

▼

▼

Instructions/Comments/Special Requirements:

Temperature 22 °C

10-7-11

1005

Y

Zimmer

Custody Seals Intact? Y N None

Number of Containers 42

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

10/4/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1109159

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 9/9/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1109159

General Comments

On Sample 1109159017 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1109159-002 Iron
1109159-004 Aluminum
1109159-007 Cadmium
1109159-016 Arsenic, Selenium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

Date Printed: 10/4/2011

1016 Greg Street

OrderID: 1109159

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Customer Sample ID: 604 562 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-001

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.99	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	81	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	66	mg/L as CaCO3	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/9/2011
Fluoride	EPA 300.0	0.86	mg/L	0.10	9/9/2011
Sulfate	EPA 300.0	57	mg/L	1.0	9/9/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/9/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/9/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.020	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	40	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	6.8	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.39	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	9/19/2011

Customer Sample ID: 604 562 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-001

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.29	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	0.033	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	2.56	meq/L	0.10	
Cations	Calculation	2.63	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 569 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-002

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.48	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	28	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	23	mg/L as CaCO3	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/9/2011
Fluoride	EPA 300.0	0.92	mg/L	0.10	9/9/2011
Sulfate	EPA 300.0	16	mg/L	1.0	9/9/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/9/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/9/2011
Total Dissolved Solids (TDS)	SM 2540C	50	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.084	mg/L	0.045	9/21/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/21/2011

Customer Sample ID: 604 569 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-002

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	11	mg/L	0.50	9/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	9/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	9/21/2011
Manganese	EPA 200.7	0.039	mg/L	0.0050	9/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/21/2011
Potassium	EPA 200.7	0.77	mg/L	0.50	9/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/21/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.84	meq/L	0.10	
Cations	Calculation	0.78	meq/L	0.10	
Error	Calculation	3.9	%	1.0	

Customer Sample ID: 604 606 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-003

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.88	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	58	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011

Customer Sample ID: 604 606 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-003

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	48	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	28	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	96	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.056	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.035	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	26	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	4.4	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.042	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	0.75	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.20	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011

Customer Sample ID: 604 606 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-003

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.61	meq/L	0.10	
Cations	Calculation	1.75	meq/L	0.10	
Error	Calculation	4.0	%	1.0	

Customer Sample ID: 604 653 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-004

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.73	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	47	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	38	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	94	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.20	mg/L	0.20	9/20/2011
Barium	EPA 200.7	0.058	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	28	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.17	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011

Customer Sample ID: 604 653 WK:32
 WETLAB Sample ID: 1109159-004

Collect Date/Time: 9/9/2011 09:00
 Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	0.90	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	1.64	meq/L	0.10	
Cations	Calculation	1.70	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Customer Sample ID: 604 656 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-005

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.03	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	79	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	64	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	35	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.011	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	31	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011

Customer Sample ID: 604 656 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-005

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	6.2	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.083	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.057	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	0.012	mg/L	0.010	9/21/2011
Anions	Calculation	2.11	meq/L	0.10	
Cations	Calculation	2.11	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 669 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-006

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.74	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	51	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO3	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011

Customer Sample ID: 604 669 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-006

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.74	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	53	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	30	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	5.1	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.67	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.012	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	2.3	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	0.62	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.21	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	1.98	meq/L	0.10	
Cations	Calculation	2.03	meq/L	0.10	

Customer Sample ID: 604 669 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-006

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 673 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-007

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	6.14	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.55	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	23	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	47	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.048	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Calcium	EPA 200.7	7.4	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	1.0	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.044	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	0.55	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011

Customer Sample ID: 604 673 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-007

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	0.017	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.51	meq/L	0.10	
Cations	Calculation	0.52	meq/L	0.10	
Error	Calculation	1.5	%	1.0	

Customer Sample ID: 604 767 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-008

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.53	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	61	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.041	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	27	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011

Customer Sample ID: 604 767 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-008

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	7.8	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.42	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	0.020	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	9/21/2011
Anions	Calculation	2.01	meq/L	0.10	
Cations	Calculation	2.05	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 787 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-009

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.79	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	56	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	46	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	26	mg/L	1.0	9/10/2011

Customer Sample ID: 604 787 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-009

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	76	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	23	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	4.0	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.065	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.023	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	0.026	mg/L	0.010	9/21/2011
Anions	Calculation	1.53	meq/L	0.10	
Cations	Calculation	1.52	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-010

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.13	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	89	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	25	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	35	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	8.8	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.042	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.010	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011

Customer Sample ID: 604 811 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-010

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	0.010	mg/L	0.010	9/21/2011
Anions	Calculation	2.44	meq/L	0.10	
Cations	Calculation	2.50	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 854 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-011

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.57	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	41	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	34	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	49	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/19/2011
Barium	EPA 200.7	0.030	mg/L	0.010	9/19/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/19/2011
Calcium	EPA 200.7	25	mg/L	0.50	9/19/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/19/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Magnesium	EPA 200.7	5.5	mg/L	0.50	9/19/2011
Manganese	EPA 200.7	0.088	mg/L	0.0050	9/19/2011
Molybdenum	EPA 200.7	0.040	mg/L	0.010	9/19/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/19/2011

Customer Sample ID: 604 854 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-011

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	9/19/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/19/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/19/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	9/19/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/19/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/19/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	1.81	meq/L	0.10	
Cations	Calculation	1.75	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 862 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-012

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.14	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	280	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	230	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	17	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	260	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.014	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011

Customer Sample ID: 604 862 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-012

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	80	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	11	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.078	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	0.53	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	0.83	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	5.08	meq/L	0.10	
Cations	Calculation	4.96	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 867 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-013

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.71	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	73	mg/L	1.0	9/9/2011

Customer Sample ID: 604 867 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-013

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	60	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	140	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	290	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.017	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	71	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	0.060	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	4.0	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.071	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	0.31	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011

Customer Sample ID: 604 867 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-013

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	4.21	meq/L	0.10	
Cations	Calculation	3.92	meq/L	0.10	
Error	Calculation	3.6	%	1.0	

Customer Sample ID: 605 033 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-014

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.67	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	46	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	25	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	88	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.058	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.014	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	22	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	1.3	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.053	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	0.014	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	9/20/2011

Customer Sample ID: 605 033 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-014

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	0.63	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	0.15	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	1.36	meq/L	0.10	
Cations	Calculation	1.28	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: 605 153 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-015

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.68	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	40	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	32	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	12	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	67	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.069	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.094	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011

Customer Sample ID: 605 153 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-015

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	14	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.022	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	0.77	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.97	meq/L	0.10	
Cations	Calculation	0.89	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: SRK 0854 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-016

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	4.78	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011

Customer Sample ID: SRK 0854 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-016

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.26	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	120	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.14	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.013	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	0.0031	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	15	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	48	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	0.012	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	0.89	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.24	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	0.86	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	0.24	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	9/22/2011
Lead	EPA 200.8	0.0074	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	9/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011

Customer Sample ID: SRK 0854 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-016

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.51	meq/L	0.10	
Cations	Calculation	2.39	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Customer Sample ID: SRK 0858 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-017

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.67	pH Units	9/9/2011	
Acidity (Titrimetric)	SM 2310B	310	mg/L as CaCO ₃	9/9/2011	
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.44	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	400	mg/L	5.0	9/28/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Sulfate (as calculated from S)	Calc.	340	mg/L	1.0	9/30/2011
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	9/13/2011
Sulfur	EPA 200.7	110	mg/L	50	9/30/2011
Aluminum	EPA 200.7	9.5	mg/L	0.045	9/20/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	0.0036	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	4.3	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	0.022	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	0.045	mg/L	0.010	9/20/2011
Copper	EPA 200.7	11	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	28	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.19	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	1.7	mg/L	0.50	9/20/2011

Customer Sample ID: SRK 0858 WK:32
WETLAB Sample ID: 1109159-017

Collect Date/Time: 9/9/2011 09:00
Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	0.033	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	0.0043	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	0.020	mg/L	0.010	9/21/2011
Anions	Calculation	8.35	meq/L	0.10	
Cations	Calculation	6.47	meq/L	0.10	
Error	Calculation	13	%	1.0	

Customer Sample ID: SRK 0864 WK:32
WETLAB Sample ID: 1109159-018

Collect Date/Time: 9/9/2011 09:00
Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.38	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	21	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	18	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.27	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	2.8	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	2.6	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	46	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.010	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	8.5	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011

Customer Sample ID: SRK 0864 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-018

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	0.016	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.0	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	0.65	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.60	meq/L	0.10	
Cations	Calculation	0.59	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0866 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-019

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.49	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	2.5	Q mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	2.1	Q mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.89	mg/L	0.10	9/10/2011

Customer Sample ID: SRK 0866 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-019

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	13	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	26	mg/L	10	9/13/2011
Aluminum	EPA 200.7	0.049	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.016	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	5.2	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	0.55	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	0.010	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.36	meq/L	0.10	
Cations	Calculation	0.36	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0866 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-019

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0867 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-020

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.85	pH Units		9/9/2011
Bicarbonate (HCO ₃)	SM 2320B	7.8	mg/L	1.0	9/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	6.4	mg/L as CaCO ₃	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.49	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	80	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.013	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	32	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	0.68	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	0.35	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011

Customer Sample ID: SRK 0867 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-020

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	1.82	meq/L	0.10	
Cations	Calculation	1.65	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Customer Sample ID: SRK 0872 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-021

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.10	pH Units		9/9/2011
Bicarbonate (HCO3)	SM 2320B	15	mg/L	1.0	9/9/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/9/2011
Total Alkalinity	SM 2320B	12	mg/L as CaCO3	1.0	9/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	9/10/2011
Fluoride	EPA 300.0	0.68	mg/L	0.10	9/10/2011
Sulfate	EPA 300.0	27	mg/L	1.0	9/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	9/10/2011
Total Dissolved Solids (TDS)	SM 2540C	53	mg/L	10	9/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/20/2011
Barium	EPA 200.7	0.010	mg/L	0.010	9/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/20/2011
Calcium	EPA 200.7	13	mg/L	0.50	9/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011

Customer Sample ID: SRK 0872 WK:32

Collect Date/Time: 9/9/2011 09:00

WETLAB Sample ID: 1109159-021

Receive Date: 9/9/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Magnesium	EPA 200.7	1.0	mg/L	0.50	9/20/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	9/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Potassium	EPA 200.7	0.61	mg/L	0.50	9/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	9/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/21/2011
Antimony	EPA 200.8	0.0075	mg/L	0.0025	9/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	9/21/2011
Anions	Calculation	0.84	meq/L	0.10	
Cations	Calculation	0.75	meq/L	0.10	
Error	Calculation	6.1	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11090328	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11090328	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11090328	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11090329	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11090329	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11090329	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11090330	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11090330	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11090330	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11090331	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11090331	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11090331	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11090332	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090332	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090332	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090333	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090333	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090333	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090334	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090334	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090334	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090335	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090335	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090335	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090336	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11090336	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11090336	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11090337	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11090337	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11090337	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11090442	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11090442	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11090573	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11090574	Blank 1	Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC11090601	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11090602	Blank 1	Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
QC11090613	Blank 1	Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
QC11090614	Blank 1	Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
QC11090641	Blank 1	Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
QC11090642	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units	
		Antimony	EPA 200.8	<0.0025	mg/L	
		Arsenic	EPA 200.8	<0.0050	mg/L	
		Lead	EPA 200.8	<0.0025	mg/L	
		Selenium	EPA 200.8	<0.0050	mg/L	
		Thallium	EPA 200.8	<0.0010	mg/L	
		Uranium	EPA 200.8	<0.010	mg/L	
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery
QC11090294	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100
QC11090294	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100
QC11090294	LCS 3	pH	SM 4500-H+ B	7.02	7.00	100
QC11090297	LCS 1	Alkalinity	SM 2320B	90.8	100	91
QC11090297	LCS 2	Alkalinity	SM 2320B	90.8	100	91
QC11090297	LCS 3	Alkalinity	SM 2320B	91.5	100	91
QC11090328	LCS 1	Fluoride	EPA 300.0	2.16	2.00	108
QC11090329	LCS 1	Fluoride	EPA 300.0	2.16	2.00	108
QC11090330	LCS 1	Chloride	EPA 300.0	10.2	10.0	102
QC11090331	LCS 1	Chloride	EPA 300.0	10.2	10.0	102
QC11090332	LCS 1	Nitrite Nitrogen	EPA 300.0	0.487	0.500	97
QC11090333	LCS 1	Nitrite Nitrogen	EPA 300.0	0.487	0.500	97
QC11090334	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100
QC11090335	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100
QC11090336	LCS 1	Sulfate	EPA 300.0	26.2	25.0	105
QC11090337	LCS 1	Sulfate	EPA 300.0	26.2	25.0	105
QC11090442	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	144	150	96
QC11090442	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	157	150	105
QC11090573	LCS 1	Aluminum	EPA 200.7	1.03	1.00	103
		Barium	EPA 200.7	1.04	1.00	104
		Beryllium	EPA 200.7	1.04	1.00	104
		Bismuth	EPA 200.7	1.05	1.00	105
		Boron	EPA 200.7	1.00	1.00	100
		Cadmium	EPA 200.7	1.07	1.00	107
		Calcium	EPA 200.7	10.6	10.0	106
		Chromium	EPA 200.7	1.03	1.00	103
		Cobalt	EPA 200.7	1.06	1.00	106
		Copper	EPA 200.7	5.14	5.00	103
		Gallium	EPA 200.7	1.04	1.00	104
		Iron	EPA 200.7	1.03	1.00	103
		Lithium	EPA 200.7	0.997	1.00	100
		Magnesium	EPA 200.7	10.7	10.0	107
		Manganese	EPA 200.7	1.04	1.00	104
		Molybdenum	EPA 200.7	1.03	1.00	103
		Nickel	EPA 200.7	5.29	5.00	106
		Phosphorus	EPA 200.7	5.38	5.00	108
		Potassium	EPA 200.7	10.2	10.0	102
		Scandium	EPA 200.7	1.01	1.00	101
		Silver	EPA 200.7	0.092	0.090	102
		Sodium	EPA 200.7	10.1	10.0	101
		Strontium	EPA 200.7	0.976	1.00	98
		Tin	EPA 200.7	1.03	1.00	103
		Titanium	EPA 200.7	1.03	1.00	103
		Vanadium	EPA 200.7	1.03	1.00	103
		Zinc	EPA 200.7	1.08	1.00	108
QC11090574	LCS 1	Aluminum	EPA 200.7	1.03	1.00	103
		Barium	EPA 200.7	1.04	1.00	104
		Beryllium	EPA 200.7	1.04	1.00	104

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11090601	LCS 1	Bismuth	EPA 200.7	1.05	1.00	105	mg/L
		Boron	EPA 200.7	1.00	1.00	100	mg/L
		Cadmium	EPA 200.7	1.07	1.00	107	mg/L
		Calcium	EPA 200.7	10.6	10.0	106	mg/L
		Chromium	EPA 200.7	1.03	1.00	103	mg/L
		Cobalt	EPA 200.7	1.06	1.00	106	mg/L
		Copper	EPA 200.7	5.14	5.00	103	mg/L
		Gallium	EPA 200.7	1.04	1.00	104	mg/L
		Iron	EPA 200.7	1.03	1.00	103	mg/L
		Lithium	EPA 200.7	0.997	1.00	100	mg/L
		Magnesium	EPA 200.7	10.7	10.0	107	mg/L
		Manganese	EPA 200.7	1.04	1.00	104	mg/L
		Molybdenum	EPA 200.7	1.03	1.00	103	mg/L
		Nickel	EPA 200.7	5.29	5.00	106	mg/L
		Phosphorus	EPA 200.7	5.38	5.00	108	mg/L
		Potassium	EPA 200.7	10.2	10.0	102	mg/L
		Scandium	EPA 200.7	1.01	1.00	101	mg/L
		Silver	EPA 200.7	0.092	0.090	102	mg/L
		Sodium	EPA 200.7	10.1	10.0	101	mg/L
		Strontium	EPA 200.7	0.976	1.00	98	mg/L
		Tin	EPA 200.7	1.03	1.00	103	mg/L
		Titanium	EPA 200.7	1.03	1.00	103	mg/L
		Vanadium	EPA 200.7	1.03	1.00	103	mg/L
		Zinc	EPA 200.7	1.08	1.00	108	mg/L
QC11090602	LCS 1	Aluminum	EPA 200.7	0.926	1.00	93	mg/L
		Barium	EPA 200.7	0.906	1.00	91	mg/L
		Beryllium	EPA 200.7	0.895	1.00	90	mg/L
		Bismuth	EPA 200.7	0.923	1.00	92	mg/L
		Boron	EPA 200.7	0.858	1.00	86	mg/L
		Cadmium	EPA 200.7	0.888	1.00	89	mg/L
		Calcium	EPA 200.7	9.07	10.0	91	mg/L
		Chromium	EPA 200.7	0.882	1.00	88	mg/L
		Cobalt	EPA 200.7	0.896	1.00	90	mg/L
		Copper	EPA 200.7	4.49	5.00	90	mg/L
		Gallium	EPA 200.7	0.908	1.00	91	mg/L
		Iron	EPA 200.7	0.904	1.00	90	mg/L
		Lithium	EPA 200.7	0.875	1.00	88	mg/L
		Magnesium	EPA 200.7	8.75	10.0	88	mg/L
		Manganese	EPA 200.7	0.894	1.00	89	mg/L
		Molybdenum	EPA 200.7	0.962	1.00	96	mg/L
		Nickel	EPA 200.7	4.48	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.46	5.00	89	mg/L
		Potassium	EPA 200.7	9.25	10.0	92	mg/L
		Scandium	EPA 200.7	0.902	1.00	90	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.27	10.0	93	mg/L
		Strontium	EPA 200.7	0.934	1.00	93	mg/L
		Tin	EPA 200.7	0.930	1.00	93	mg/L
		Titanium	EPA 200.7	0.979	1.00	98	mg/L
		Vanadium	EPA 200.7	0.895	1.00	90	mg/L
		Zinc	EPA 200.7	0.887	1.00	89	mg/L
QC11090602	LCS 1	Aluminum	EPA 200.7	0.926	1.00	93	mg/L
		Barium	EPA 200.7	0.906	1.00	91	mg/L
		Beryllium	EPA 200.7	0.895	1.00	90	mg/L
		Bismuth	EPA 200.7	0.923	1.00	92	mg/L
		Boron	EPA 200.7	0.858	1.00	86	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Cadmium	EPA 200.7	0.888	1.00	89	mg/L
		Calcium	EPA 200.7	9.07	10.0	91	mg/L
		Chromium	EPA 200.7	0.882	1.00	88	mg/L
		Cobalt	EPA 200.7	0.896	1.00	90	mg/L
		Copper	EPA 200.7	4.49	5.00	90	mg/L
		Gallium	EPA 200.7	0.908	1.00	91	mg/L
		Iron	EPA 200.7	0.904	1.00	90	mg/L
		Lithium	EPA 200.7	0.875	1.00	88	mg/L
		Magnesium	EPA 200.7	8.75	10.0	88	mg/L
		Manganese	EPA 200.7	0.894	1.00	89	mg/L
		Molybdenum	EPA 200.7	0.962	1.00	96	mg/L
		Nickel	EPA 200.7	4.48	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.46	5.00	89	mg/L
		Potassium	EPA 200.7	9.25	10.0	92	mg/L
		Scandium	EPA 200.7	0.902	1.00	90	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.27	10.0	93	mg/L
		Strontium	EPA 200.7	0.934	1.00	93	mg/L
		Tin	EPA 200.7	0.930	1.00	93	mg/L
		Titanium	EPA 200.7	0.979	1.00	98	mg/L
		Vanadium	EPA 200.7	0.895	1.00	90	mg/L
		Zinc	EPA 200.7	0.887	1.00	89	mg/L
QC11090613	LCS 1	Mercury	EPA 200.8	0.001071	0.001	107	mg/L
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L
		Arsenic	EPA 200.8	0.0519	0.050	104	mg/L
		Lead	EPA 200.8	0.0109	0.010	109	mg/L
		Selenium	EPA 200.8	0.0518	0.050	104	mg/L
		Thallium	EPA 200.8	0.0103	0.010	103	mg/L
		Uranium	EPA 200.8	0.0111	0.010	111	mg/L
QC11090614	LCS 1	Mercury	EPA 200.8	0.001071	0.001	107	mg/L
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L
		Arsenic	EPA 200.8	0.0519	0.050	104	mg/L
		Lead	EPA 200.8	0.0109	0.010	109	mg/L
		Selenium	EPA 200.8	0.0518	0.050	104	mg/L
		Thallium	EPA 200.8	0.0103	0.010	103	mg/L
		Uranium	EPA 200.8	0.0111	0.010	111	mg/L
QC11090641	LCS 1	Mercury	EPA 200.8	0.001114	0.001	111	mg/L
		Antimony	EPA 200.8	0.0111	0.010	111	mg/L
		Arsenic	EPA 200.8	0.0519	0.050	104	mg/L
		Lead	EPA 200.8	0.0097	0.010	97	mg/L
		Selenium	EPA 200.8	0.0506	0.050	101	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	0.0095	0.010	95	mg/L
QC11090642	LCS 1	Mercury	EPA 200.8	0.001114	0.001	111	mg/L
		Antimony	EPA 200.8	0.0111	0.010	111	mg/L
		Arsenic	EPA 200.8	0.0519	0.050	104	mg/L
		Lead	EPA 200.8	0.0097	0.010	97	mg/L
		Selenium	EPA 200.8	0.0506	0.050	101	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	95	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11090294	Duplicate	pH	SM 4500-H+B	1109141-003	7.53	7.51	pH Units	<1%
QC11090294	Duplicate	pH	SM 4500-H+B	1109142-008	7.08	7.07	pH Units	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC11090294	Duplicate	pH	SM 4500-H+ B	1109155-002	7.75	7.77	pH Units	<1%	
QC11090294	Duplicate	pH	SM 4500-H+ B	1109158-001	7.75	7.76	pH Units	<1%	
QC11090294	Duplicate	pH	SM 4500-H+ B	1109159-019	6.49	6.44	pH Units	1 %	
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109141-003	184	184	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1109141-003	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1109141-003	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1109141-003	151	151	mg/L as CaCO3	<1%	
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109142-008	120	120	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1109142-008	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1109142-008	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1109142-008	98.6	98.8	mg/L as CaCO3	<1%	
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109155-002	113	113	mg/L	<1%	
		Carbonate (CO3)	SM 2320B	1109155-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1109155-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1109155-002	92.5	92.6	mg/L as CaCO3	<1%	
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109158-001	49.0	47.7	mg/L	3 %	
		Carbonate (CO3)	SM 2320B	1109158-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1109158-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1109158-001	40.2	39.1	mg/L as CaCO3	3 %	
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109159-019	2.54	5.59	Q	mg/L	75 %
		Carbonate (CO3)	SM 2320B	1109159-019	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1109159-019	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1109159-019	2.08	4.58	Q	mg/L as CaCO3	75 %
QC11090297	Duplicate	Bicarbonate (HCO3)	SM 2320B				mg/L	%	
		Carbonate (CO3)	SM 2320B				mg/L	%	
		Hydroxide (OH)	SM 2320B				mg/L	%	
		Total Alkalinity	SM 2320B				mg/L as CaCO3	%	
QC11090442	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109159-002	50.0	48.0	mg/L	4 %	
QC11090442	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109159-011	114	104	mg/L	9 %	
QC11090442	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109164-004	267	266	mg/L	<1%	
QC11090442	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109182-001	1328	1348	mg/L	1 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11090328	MS 1	Fluoride	EPA 300.0	1109127-004	0.307	2.31	2.37	2.00	mg/L	100	103	3 %
QC11090328	MS 2	Fluoride	EPA 300.0	1109159-001	0.862	2.79	2.80	2.00	mg/L	97	97	<1%
QC11090329	MS 1	Fluoride	EPA 300.0	1109159-011	2.17	3.90	3.90	2.00	mg/L	87	87	<1%
QC11090329	MS 2	Fluoride	EPA 300.0	1109158-001	0.476	2.50	2.49	2.00	mg/L	101	101	<1%
QC11090330	MS 1	Chloride	EPA 300.0	1109127-004	<1.000	5.02	5.18	5.00	mg/L	100	103	3 %
QC11090330	MS 2	Chloride	EPA 300.0	1109159-001	<1.000	5.13	5.16	5.00	mg/L	102	102	1 %
QC11090331	MS 1	Chloride	EPA 300.0	1109159-011	<1.000	5.17	5.17	5.00	mg/L	102	102	<1%
QC11090331	MS 2	Chloride	EPA 300.0	1109158-001	<1.000	5.18	5.17	5.00	mg/L	103	103	<1%
QC11090332	MS 1	Nitrite Nitrogen	EPA 300.0	1109127-004	<0.025	0.479	0.499	0.500	mg/L	94	98	4 %
QC11090332	MS 2	Nitrite Nitrogen	EPA 300.0	1109159-001	<0.025	0.425	0.417	0.500	mg/L	84	82	2 %
QC11090333	MS 1	Nitrite Nitrogen	EPA 300.0	1109159-011	<0.025	0.445	0.441	0.500	mg/L	88	87	1 %
QC11090333	MS 2	Nitrite Nitrogen	EPA 300.0	1109158-001	<0.025	0.470	0.468	0.500	mg/L	93	92	<1%
QC11090334	MS 1	Nitrate Nitrogen	EPA 300.0	1109127-004	<1.000	2.02	2.09	2.00	mg/L	100	104	3 %
QC11090334	MS 2	Nitrate Nitrogen	EPA 300.0	1109159-001	<1.000	2.06	2.07	2.00	mg/L	102	103	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC11090335	MS 1	Nitrate Nitrogen	EPA 300.0	1109159-011	<1.000	2.06	2.07	2.00	mg/L	103	103	<1%	
QC11090335	MS 2	Nitrate Nitrogen	EPA 300.0	1109158-001	<1.000	2.08	2.08	2.00	mg/L	103	103	<1%	
QC11090336	MS 1	Sulfate	EPA 300.0	1109127-004	23.4	32.9	33.2	10.0	mg/L	95	98	1 %	
QC11090336	MS 2	Sulfate	EPA 300.0	1109159-001	57.0	65.6	65.7	10.0	mg/L	85	87	<1%	
QC11090337	MS 1	Sulfate	EPA 300.0	1109159-011	48.9	57.6	57.6	10.0	mg/L	87	87	<1%	
QC11090337	MS 2	Sulfate	EPA 300.0	1109158-001	14.6	24.5	24.5	10.0	mg/L	100	99	<1%	
QC11090573	MS 1	Aluminum	EPA 200.7	1109210-003	<0.450	1.19	1.13	1.00	mg/L	126	120	5 %	
		Barium	EPA 200.7	1109210-003	<0.100	M	0.214	0.242	1.00	mg/L	NC	NC	NC
		Beryllium	EPA 200.7	1109210-003	<0.010		1.16	1.18	1.00	mg/L	116	118	2 %
		Bismuth	EPA 200.7	1109210-003	<1.000		1.11	1.07	1.00	mg/L	114	110	4 %
		Boron	EPA 200.7	1109210-003	86.8	SC	91.1	86.8	1.00	mg/L	NC	NC	NC
		Cadmium	EPA 200.7	1109210-003	<0.010		1.19	1.19	1.00	mg/L	119	119	<1%
		Calcium	EPA 200.7	1109210-003	6.50	18.1	17.6	10.0	mg/L	116	111	3 %	
		Chromium	EPA 200.7	1109210-003	<0.050		1.18	1.18	1.00	mg/L	117	117	<1%
		Cobalt	EPA 200.7	1109210-003	<0.100		1.15	1.16	1.00	mg/L	115	116	1 %
		Copper	EPA 200.7	1109210-003	<0.500		6.03	5.95	5.00	mg/L	120	119	1 %
		Gallium	EPA 200.7	1109210-003	<1.000		1.07	1.06	1.00	mg/L	105	104	1 %
		Iron	EPA 200.7	1109210-003	<0.100		1.04	1.01	1.00	mg/L	116	113	3 %
		Lithium	EPA 200.7	1109210-003	25.0	SC	27.5	26.4	1.00	mg/L	NC	NC	NC
		Magnesium	EPA 200.7	1109210-003	17.2		29.0	28.2	10.0	mg/L	118	110	3 %
		Manganese	EPA 200.7	1109210-003	<0.050		1.19	1.19	1.00	mg/L	118	118	<1%
		Molybdenum	EPA 200.7	1109210-003	<0.100		1.18	1.18	1.00	mg/L	116	116	<1%
		Nickel	EPA 200.7	1109210-003	<0.100		5.92	5.98	5.00	mg/L	118	119	1 %
		Phosphorus	EPA 200.7	1109210-003	<5.000		6.56	6.60	5.00	mg/L	124	125	1 %
		Potassium	EPA 200.7	1109210-003	651	SC	698	663	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1109210-003	<1.000		1.16	1.16	1.00	mg/L	116	116	<1%
		Silver	EPA 200.7	1109210-003	<0.050		0.095	0.097	0.090	mg/L	111	113	2 %
		Sodium	EPA 200.7	1109210-003	7720	SC	8230	7660	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1109210-003	1.22		2.26	2.25	1.00	mg/L	104	103	<1%
		Tin	EPA 200.7	1109210-003	<1.000		1.19	1.20	1.00	mg/L	118	119	1 %
		Titanium	EPA 200.7	1109210-003	<1.000		1.14	1.12	1.00	mg/L	115	113	2 %
		Vanadium	EPA 200.7	1109210-003	<0.100		1.24	1.25	1.00	mg/L	119	120	1 %
		Zinc	EPA 200.7	1109210-003	<0.100		1.21	1.22	1.00	mg/L	121	122	1 %
QC11090574	MS 1	Aluminum	EPA 200.7	1109210-005	<0.045	0.986	0.978	1.00	mg/L	96	95	1 %	
		Barium	EPA 200.7	1109210-005	0.019	0.984	0.969	1.00	mg/L	96	95	2 %	
		Beryllium	EPA 200.7	1109210-005	<0.001	0.969	0.948	1.00	mg/L	97	95	2 %	
		Bismuth	EPA 200.7	1109210-005	<0.100	0.966	0.949	1.00	mg/L	97	95	2 %	
		Boron	EPA 200.7	1109210-005	0.244		1.22	1.21	1.00	mg/L	98	97	1 %
		Cadmium	EPA 200.7	1109210-005	<0.001	0.946	0.939	1.00	mg/L	95	94	1 %	
		Calcium	EPA 200.7	1109210-005	94.3		105	106	10.0	mg/L	107	117	1 %
		Chromium	EPA 200.7	1109210-005	<0.005	0.950	0.931	1.00	mg/L	95	93	2 %	
		Cobalt	EPA 200.7	1109210-005	<0.010	0.955	0.945	1.00	mg/L	95	94	1 %	
		Copper	EPA 200.7	1109210-005	<0.050	4.92	4.90	5.00	mg/L	98	98	<1%	
		Gallium	EPA 200.7	1109210-005	<0.100	0.929	0.903	1.00	mg/L	93	90	3 %	
		Iron	EPA 200.7	1109210-005	<0.010	0.976	0.956	1.00	mg/L	97	95	2 %	
		Lithium	EPA 200.7	1109210-005	0.107		1.09	1.07	1.00	mg/L	98	96	2 %
		Magnesium	EPA 200.7	1109210-005	8.99		18.2	18.3	10.0	mg/L	92	93	1 %
		Manganese	EPA 200.7	1109210-005	<0.005	0.920	0.907	1.00	mg/L	96	94	1 %	
		Molybdenum	EPA 200.7	1109210-005	<0.010	0.959	0.951	1.00	mg/L	96	95	1 %	
		Nickel	EPA 200.7	1109210-005	<0.010	4.74	4.69	5.00	mg/L	95	94	1 %	
		Phosphorus	EPA 200.7	1109210-005	<0.500	4.94	4.89	5.00	mg/L	97	96	1 %	
		Potassium	EPA 200.7	1109210-005	8.67		19.3	19.2	10.0	mg/L	106	105	1 %
		Scandium	EPA 200.7	1109210-005	<0.100	0.970	0.942	1.00	mg/L	97	94	3 %	
		Silver	EPA 200.7	1109210-005	<0.005	0.088	0.088	0.090	mg/L	97	96	<1%	
		Sodium	EPA 200.7	1109210-005	88.7		99.3	99.5	10.0	mg/L	106	108	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC11090601	MS 1	Strontium	EPA 200.7	1109210-005	0.854	1.85	1.82	1.00	mg/L	100	97	2 %	
		Tin	EPA 200.7	1109210-005	<0.100	0.872	0.873	1.00	mg/L	92	92	<1%	
		Titanium	EPA 200.7	1109210-005	<0.100	0.963	0.959	1.00	mg/L	96	96	<1%	
		Vanadium	EPA 200.7	1109210-005	0.016	0.984	0.968	1.00	mg/L	97	95	2 %	
		Zinc	EPA 200.7	1109210-005	<0.010	0.957	0.950	1.00	mg/L	96	95	1 %	
		Aluminum, Dissolved	EPA 200.7	1109213-001	0.162	1.11	1.08	1.00	mg/L	95	92	3 %	
		Barium, Dissolved	EPA 200.7	1109213-001	0.069	1.02	0.992	1.00	mg/L	95	92	3 %	
		Beryllium, Dissolved	EPA 200.7	1109213-001	<0.001	0.945	0.917	1.00	mg/L	94	92	3 %	
		Bismuth, Dissolved	EPA 200.7	1109213-001	<0.100	0.967	0.932	1.00	mg/L	98	94	4 %	
		Boron, Dissolved	EPA 200.7	1109213-001	<0.100	0.983	0.953	1.00	mg/L	94	91	3 %	
		Cadmium, Dissolved	EPA 200.7	1109213-001	<0.001	0.920	0.899	1.00	mg/L	92	90	2 %	
		Calcium, Dissolved	EPA 200.7	1109213-001	40.7	50.1	48.4	10.0	mg/L	94	77	3 %	
		Chromium, Dissolved	EPA 200.7	1109213-001	<0.005	0.934	0.911	1.00	mg/L	94	91	2 %	
		Cobalt, Dissolved	EPA 200.7	1109213-001	<0.010	0.926	0.903	1.00	mg/L	92	90	3 %	
		Copper, Dissolved	EPA 200.7	1109213-001	<0.050	4.85	4.66	5.00	mg/L	97	93	4 %	
		Gallium, Dissolved	EPA 200.7	1109213-001	<0.100	0.962	0.929	1.00	mg/L	96	93	3 %	
		Iron, Dissolved	EPA 200.7	1109213-001	0.046	1.01	0.989	1.00	mg/L	96	94	2 %	
		Lithium, Dissolved	EPA 200.7	1109213-001	<0.100	0.953	0.944	1.00	mg/L	94	93	1 %	
		Magnesium, Dissolved	EPA 200.7	1109213-001	13.6	22.0	21.6	10.0	mg/L	84	80	2 %	
		Manganese, Dissolved	EPA 200.7	1109213-001	<0.005	0.927	0.902	1.00	mg/L	94	92	3 %	
		Molybdenum, Dissolved	EPA 200.7	1109213-001	<0.010	0.954	0.921	1.00	mg/L	95	92	4 %	
		Nickel, Dissolved	EPA 200.7	1109213-001	<0.010	4.61	4.49	5.00	mg/L	92	90	3 %	
		Phosphorus, Dissolved	EPA 200.7	1109213-001	<0.500	4.70	4.55	5.00	mg/L	92	89	3 %	
		Potassium, Dissolved	EPA 200.7	1109213-001	1.41	11.7	11.3	10.0	mg/L	103	99	3 %	
		Scandium, Dissolved	EPA 200.7	1109213-001	<0.100	0.967	0.934	1.00	mg/L	97	93	3 %	
		Silver, Dissolved	EPA 200.7	1109213-001	<0.005	0.088	0.085	0.090	mg/L	97	94	3 %	
		Sodium, Dissolved	EPA 200.7	1109213-001	9.48	19.5	19.0	10.0	mg/L	100	95	3 %	
		Strontium, Dissolved	EPA 200.7	1109213-001	0.149	1.17	1.14	1.00	mg/L	102	99	3 %	
		Tin, Dissolved	EPA 200.7	1109213-001	<0.100	0.885	0.860	1.00	mg/L	92	90	3 %	
		Titanium, Dissolved	EPA 200.7	1109213-001	<0.100	0.987	0.959	1.00	mg/L	99	96	3 %	
		Vanadium, Dissolved	EPA 200.7	1109213-001	0.016	0.967	0.937	1.00	mg/L	95	92	3 %	
		Zinc, Dissolved	EPA 200.7	1109213-001	<0.010	0.916	0.899	1.00	mg/L	91	90	2 %	
QC11090602	MS 1	Aluminum	EPA 200.7	1109210-017	0.472	M	2.08	2.01	1.00	mg/L	NC	NC	NC
		Barium	EPA 200.7	1109210-017	0.035		1.01	0.968	1.00	mg/L	98	93	4 %
		Beryllium	EPA 200.7	1109210-017	<0.001		0.956	0.924	1.00	mg/L	96	92	3 %
		Bismuth	EPA 200.7	1109210-017	<0.100		0.955	0.932	1.00	mg/L	97	95	2 %
		Boron	EPA 200.7	1109210-017	0.402		1.40	1.35	1.00	mg/L	100	95	4 %
		Cadmium	EPA 200.7	1109210-017	<0.001		0.929	0.900	1.00	mg/L	93	90	3 %
		Calcium	EPA 200.7	1109210-017	83.5	SC	99.7	96.1	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1109210-017	<0.005		0.957	0.921	1.00	mg/L	96	92	4 %
		Cobalt	EPA 200.7	1109210-017	<0.010		0.949	0.916	1.00	mg/L	95	91	4 %
		Copper	EPA 200.7	1109210-017	<0.050		5.00	4.81	5.00	mg/L	100	96	4 %
		Gallium	EPA 200.7	1109210-017	<0.100		0.931	0.895	1.00	mg/L	93	89	4 %
		Iron	EPA 200.7	1109210-017	0.508		1.66	1.64	1.00	mg/L	115	113	1 %
		Lithium	EPA 200.7	1109210-017	<0.100		1.00	0.967	1.00	mg/L	98	95	3 %
		Magnesium	EPA 200.7	1109210-017	14.4		24.5	24.0	10.0	mg/L	101	96	2 %
		Manganese	EPA 200.7	1109210-017	<0.005		0.965	0.933	1.00	mg/L	96	93	3 %
		Molybdenum	EPA 200.7	1109210-017	<0.010		0.954	0.923	1.00	mg/L	96	92	3 %
		Nickel	EPA 200.7	1109210-017	<0.010		4.69	4.54	5.00	mg/L	94	91	3 %
		Phosphorus	EPA 200.7	1109210-017	<0.500		4.91	4.79	5.00	mg/L	96	94	2 %
		Potassium	EPA 200.7	1109210-017	2.93		14.0	13.5	10.0	mg/L	111	106	4 %
		Scandium	EPA 200.7	1109210-017	<0.100		0.986	0.946	1.00	mg/L	99	95	4 %
		Silver	EPA 200.7	1109210-017	<0.005		0.090	0.086	0.090	mg/L	99	95	5 %
		Sodium	EPA 200.7	1109210-017	94.6	SC	113	111	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1109210-017	1.21		2.31	2.26	1.00	mg/L	110	105	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11090613	MS 1	Tin	EPA 200.7	1109210-017	<0.100	0.883	0.863	1.00	mg/L	94	92	2 %
		Titanium	EPA 200.7	1109210-017	<0.100	1.01	0.977	1.00	mg/L	100	97	3 %
		Vanadium	EPA 200.7	1109210-017	0.020	0.993	0.956	1.00	mg/L	97	94	4 %
		Zinc	EPA 200.7	1109210-017	<0.010	0.938	0.911	1.00	mg/L	94	91	3 %
		Mercury	EPA 200.8	1109210-003	<0.00050	0.001660	0.001871	0.001	mg/L	126	147	12 %
		Antimony	EPA 200.8	1109210-003	0.0273	0.0390	0.0394	0.010	mg/L	117	121	1 %
		Arsenic	EPA 200.8	1109210-003	0.2361	0.2730	0.2679	0.050	mg/L	74	64	2 %
		Lead	EPA 200.8	1109210-003	<0.0050	0.0115	0.0114	0.010	mg/L	115	114	1 %
		Selenium	EPA 200.8	1109210-003	0.0756	0.1317	0.1351	0.050	mg/L	112	119	3 %
		Thallium	EPA 200.8	1109210-003	<0.0050	0.0115	0.0114	0.010	mg/L	115	114	1 %
QC11090614	MS 1	Uranium	EPA 200.8	1109210-003	0.0308	0.0410	0.0420	0.010	mg/L	102	112	2 %
		Mercury	EPA 200.8	1109210-005	0.000209	0.001392	0.001396	0.001	mg/L	118	119	<1%
		Antimony	EPA 200.8	1109210-005	<0.0025	0.0114	0.0113	0.010	mg/L	111	110	1 %
		Arsenic	EPA 200.8	1109210-005	<0.0050	0.0603	0.0615	0.050	mg/L	111	113	2 %
		Lead	EPA 200.8	1109210-005	<0.0025	0.0108	0.0110	0.010	mg/L	108	110	2 %
		Selenium	EPA 200.8	1109210-005	<0.0050	0.0555	0.0576	0.050	mg/L	108	112	4 %
		Thallium	EPA 200.8	1109210-005	<0.0010	0.0104	0.0107	0.010	mg/L	104	107	3 %
QC11090641	MS 1	Uranium, Dissolved	EPA 200.8	1109213-001	<0.0100	0.0117	0.0114	0.010	mg/L	104	101	3 %
		Mercury, Dissolved	EPA 200.8	1109213-001	<0.00010	0.001209	0.001200	0.001	mg/L	119	118	1 %
		Antimony, Dissolved	EPA 200.8	1109213-001	<0.0025	0.0118	0.0118	0.010	mg/L	107	107	<1%
		Arsenic, Dissolved	EPA 200.8	1109213-001	0.0054	0.0610	0.0612	0.050	mg/L	111	112	<1%
		Lead, Dissolved	EPA 200.8	1109213-001	<0.0025	0.0106	0.0104	0.010	mg/L	106	104	2 %
		Selenium, Dissolved	EPA 200.8	1109213-001	<0.0050	0.0548	0.0542	0.050	mg/L	108	107	1 %
		Thallium, Dissolved	EPA 200.8	1109213-001	<0.0010	0.0104	0.0103	0.010	mg/L	103	101	1 %
QC11090642	MS 1	Mercury	EPA 200.8	1109210-017	<0.00010	0.001097	0.001078	0.001	mg/L	110	108	2 %
		Antimony	EPA 200.8	1109210-017	<0.0025	0.0115	0.0118	0.010	mg/L	106	109	3 %
		Arsenic	EPA 200.8	1109210-017	<0.0050	0.0607	0.0624	0.050	mg/L	113	117	3 %
		Lead	EPA 200.8	1109210-017	<0.0025	0.0103	0.0104	0.010	mg/L	99	101	1 %
		Selenium	EPA 200.8	1109210-017	<0.0050	0.0546	0.0548	0.050	mg/L	103	103	<1%
		Thallium	EPA 200.8	1109210-017	<0.0010	0.0098	0.0100	0.010	mg/L	98	100	2 %
		Uranium	EPA 200.8	1109210-017	<0.0100	0.0146	0.0147	0.010	mg/L	103	104	1 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number

1109159

Report

9/23/11

Due Date:

Page 1 of 2

Client		McClelland Laboratories, Inc.		Turnaround Time											
Address		1016 Greg Street		Standard 5 Day Turnaround Client											
City, State & Zip		Sparks, NV 89431		Billing Address (if different than Client Address):											
Contact		Gene McClelland													
Phone 775-356-1300		Collector's Name Robert													
Fax 775-356-8917		Project Name													
P.O. Number		Project Number 3438													
Email mli@mettest.com				Analyses Requested											
				S	O	N	C	T	A	I	N	R	E	P	S
				M	M	N	O	T	A	I	N	R	E	P	S
				L	E	N	O	T	A	I	N	R	E	P	S
				E	T	N	O	T	A	I	N	R	E	P	S
Additional Information															
Fax Results Y N		To: Client Billing													
Email Results Y N		To: Client Billing													
Compliance Monitoring Y N															
Fax Results to State EPA Y N															
Sample Type Codes															
DW = Drinking Water		SD = Solid													
WW = Wastewater		SO = Soil													
SW = Surface Water		HW = Hazardous Waste													
MW = Monitoring Well		OTHER:													
SAMPLE ID/LOCATION		DATE	TIME	S	O	N	C	T	A	I	N	R	E	P	S
604 562		Wk:32	9/09/11	9:00	W	W	U	U	U	U	U	U	U	U	U
604 569															
604 606															
604 653															
604 656															
604 669															
604 673															
604 767															
604 787		11/19		5											
604 811				159		3									
604 854															
604 862		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Instructions/Comments/Special Requirements:															

SAMPLE RECEIPT		DATE	TIME	Samples Prepared/Received By		Samples Received From	
Temperature	25 °C	9/9	15:38	Mr. S. Miller		(J. Wiles)	
Custody Seals Intact? Y N							
Number of Containers 42							

WETLAB's Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

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475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

8/30/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1108216

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 8/12/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1108216

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1108216-007 Cadmium

1108216-017 Nitrite Nitrogen, Chloride, All metals

The reporting limits have been adjusted accordingly.

Due to a laboratory reanalysis requirement the analysis for Total Dissolved Solids (TDS) on sample 1108216-015 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
 1016 Greg Street
 Sparks, NV 89431
 Attn: Gene McClelland
 Phone: (775) 356-1300 Fax: (775) 356-8917
 PO\Project: 3438

Date Printed: 8/30/2011
OrderID: 1108216

Customer Sample ID: 604 562 WK:28 **Collect Date/Time:** 8/12/2011 09:00
WETLAB Sample ID: 1108216-001 **Receive Date:** 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.90	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	85	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	70	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/12/2011
Fluoride	EPA 300.0	0.97	mg/L	0.10	8/12/2011
Sulfate	EPA 300.0	57	mg/L	1.0	8/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/12/2011
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.019	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	40	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	6.8	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.36	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	8/22/2011

Customer Sample ID: 604 562 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-001

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.65	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.30	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	0.030	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2011
Anions	Calculation	2.63	meq/L	0.10	
Cations	Calculation	2.64	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 569 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-002

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.32	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	27	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	22	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.86	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	19	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	47	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.078	mg/L	0.045	8/22/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011

Customer Sample ID: 604 569 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-002

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	12	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	2.7	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.046	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.61	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	0.88	meq/L	0.10	
Cations	Calculation	0.89	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 606 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-003

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.84	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	66	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011

Customer Sample ID: 604 606 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-003

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	54	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	31	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.056	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.032	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	28	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.043	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	2.0	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.93	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011

Customer Sample ID: 604 606 WK:28
 WETLAB Sample ID: 1108216-003

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.81	meq/L	0.10	
Cations	Calculation	1.88	meq/L	0.10	
Error	Calculation	1.9	%	1.0	

Customer Sample ID: 604 653 WK:28
 WETLAB Sample ID: 1108216-004

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.67	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	50	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	43	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.066	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.050	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	29	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	2.6	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011

Customer Sample ID: 604 653 WK:28
 WETLAB Sample ID: 1108216-004

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	1.1	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.18	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2011
Anions	Calculation	1.79	meq/L	0.10	
Cations	Calculation	1.78	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 656 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-005

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.72	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	54	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	44	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.82	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	29	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	80	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	24	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011

Customer Sample ID: 604 656 WK:28
 WETLAB Sample ID: 1108216-005

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	4.3	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.070	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.032	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.21	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.014	mg/L	0.010	8/18/2011
Anions	Calculation	1.53	meq/L	0.10	
Cations	Calculation	1.59	meq/L	0.10	
Error	Calculation	1.9	%	1.0	

Customer Sample ID: 604 669 WK:28
 WETLAB Sample ID: 1108216-006

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.45	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	38	mg/L	1.0	8/12/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO3	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011

Customer Sample ID: 604 669 WK:28
 WETLAB Sample ID: 1108216-006

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.66	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	76	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	0.0011	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	34	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	5.4	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.67	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.79	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.25	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	2.24	meq/L	0.10	
Cations	Calculation	2.26	meq/L	0.10	

Customer Sample ID: 604 669 WK:28
WETLAB Sample ID: 1108216-006

Collect Date/Time: 8/12/2011 09:00
Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:28
WETLAB Sample ID: 1108216-007

Collect Date/Time: 8/12/2011 09:00
Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.22	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	1.8	mg/L	1.0	8/12/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	1.5	mg/L as CaCO3	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.55	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	29	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	51	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.041	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2011
Calcium	EPA 200.7	8.8	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.061	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.74	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011

Customer Sample ID: 604 673 WK:28
 WETLAB Sample ID: 1108216-007

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	0.66	meq/L	0.10	
Cations	Calculation	0.62	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: 604 767 WK:28
 WETLAB Sample ID: 1108216-008

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.55	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	41	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	34	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	2.5	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	66	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.044	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	28	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011

Customer Sample ID: 604 767 WK:28
 WETLAB Sample ID: 1108216-008

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	7.3	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.44	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.21	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	0.021	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.015	mg/L	0.010	8/18/2011
Anions	Calculation	2.18	meq/L	0.10	
Cations	Calculation	2.08	meq/L	0.10	
Error	Calculation	2.2	%	1.0	

Customer Sample ID: 604 787 WK:28
 WETLAB Sample ID: 1108216-009

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.81	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	68	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	32	mg/L	1.0	8/13/2011

Customer Sample ID: 604 787 WK:28
 WETLAB Sample ID: 1108216-009

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	87	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.012	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	28	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.066	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.53	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.033	mg/L	0.010	8/18/2011
Anions	Calculation	1.86	meq/L	0.10	
Cations	Calculation	1.85	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:28
 WETLAB Sample ID: 1108216-010

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.05	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	8/12/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	90	mg/L as CaCO3	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	30	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	36	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	8.4	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.038	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.40	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011

Customer Sample ID: 604 811 WK:28
 WETLAB Sample ID: 1108216-010

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.012	mg/L	0.010	8/18/2011
Anions	Calculation	2.55	meq/L	0.10	
Cations	Calculation	2.52	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 854 WK:28
 WETLAB Sample ID: 1108216-011

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.47	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	43	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	35	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	56	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.046	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.029	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	29	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	5.8	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.11	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.037	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011

Customer Sample ID: 604 854 WK:28
WETLAB Sample ID: 1108216-011

Collect Date/Time: 8/12/2011 09:00
Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/19/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/19/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/19/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/19/2011
Anions	Calculation	1.99	meq/L	0.10	
Cations	Calculation	1.98	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 862 WK:28
WETLAB Sample ID: 1108216-012

Collect Date/Time: 8/12/2011 09:00
Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.05	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	250	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	210	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	24	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.012	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011

Customer Sample ID: 604 862 WK:28
 WETLAB Sample ID: 1108216-012

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	80	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	11	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.076	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.79	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.82	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	4.73	meq/L	0.10	
Cations	Calculation	4.98	meq/L	0.10	
Error	Calculation	2.5	%	1.0	

Customer Sample ID: 604 867 WK:28
 WETLAB Sample ID: 1108216-013

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.68	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	97	mg/L	1.0	8/12/2011

Customer Sample ID: 604 867 WK:28
 WETLAB Sample ID: 1108216-013

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	80	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	160	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.012	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	89	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	0.14	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	4.4	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.15	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.66	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.38	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	0.014	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011

Customer Sample ID: 604 867 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-013

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	5.01	meq/L	0.10	
Cations	Calculation	4.89	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 605 033 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-014

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.75	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	59	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	49	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	30	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.056	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.016	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	28	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.8	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.074	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	8/22/2011

Customer Sample ID: 605 033 WK:28
 WETLAB Sample ID: 1108216-014

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PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.68	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.013	mg/L	0.010	8/18/2011
Anions	Calculation	1.69	meq/L	0.10	
Cations	Calculation	1.63	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 605 153 WK:28
 WETLAB Sample ID: 1108216-015

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.62	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	44	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	36	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	12	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	50	HT mg/L	10	8/25/2011
Aluminum	EPA 200.7	0.079	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.11	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011

Customer Sample ID: 605 153 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-015

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	15	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.8	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.033	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.66	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	0.83	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	1.03	meq/L	0.10	
Cations	Calculation	0.97	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: SRK 0854 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-016

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.81	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011

Customer Sample ID: SRK 0854 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-016

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.29	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	150	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	260	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.21	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	0.0051	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	22	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Copper	EPA 200.7	61	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.0	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	0.32	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	0.010	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011

Customer Sample ID: SRK 0854 WK:28
 WETLAB Sample ID: 1108216-016

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PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.14	meq/L	0.10	
Cations	Calculation	3.20	meq/L	0.10	
Error	Calculation	1.0	%	1.0	

Customer Sample ID: SRK 0858 WK:28
 WETLAB Sample ID: 1108216-017

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.69	pH Units		8/12/2011
Acidity (Titrimetric)	SM 2310B	320	mg/L as CaCO ₃		8/12/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	8/13/2011
Fluoride	EPA 300.0	1.4	mg/L	0.20	8/13/2011
Sulfate	EPA 300.0	330	mg/L	2.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	390	mg/L	10	8/16/2011
Aluminum	EPA 200.7	16	mg/L	0.22	8/23/2011
Barium	EPA 200.7	<0.050	mg/L	0.050	8/23/2011
Beryllium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2011
Bismuth	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Boron	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	8/23/2011
Calcium	EPA 200.7	9.4	mg/L	2.5	8/23/2011
Chromium	EPA 200.7	0.046	mg/L	0.025	8/23/2011
Cobalt	EPA 200.7	0.068	mg/L	0.050	8/23/2011
Copper	EPA 200.7	18	mg/L	0.25	8/23/2011
Gallium	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Iron	EPA 200.7	36	mg/L	0.050	8/23/2011
Lithium	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Magnesium	EPA 200.7	<2.5	mg/L	2.5	8/23/2011
Manganese	EPA 200.7	0.36	mg/L	0.025	8/23/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	8/23/2011
Nickel	EPA 200.7	<0.050	mg/L	0.050	8/23/2011
Phosphorus	EPA 200.7	<2.5	mg/L	2.5	8/23/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	8/23/2011
Scandium	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Silver	EPA 200.7	<0.025	mg/L	0.025	8/23/2011
Sodium	EPA 200.7	<2.5	mg/L	2.5	8/23/2011
Strontium	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Tin	EPA 200.7	<0.50	mg/L	0.50	8/23/2011

Customer Sample ID: SRK 0858 WK:28
 WETLAB Sample ID: 1108216-017

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PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.50	mg/L	0.50	8/23/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	8/23/2011
Zinc	EPA 200.7	0.11	mg/L	0.050	8/23/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	0.0087	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	0.031	mg/L	0.010	8/18/2011
Anions	Calculation	6.94	meq/L	0.10	
Cations	Calculation	8.27	meq/L	0.10	
Error	Calculation	8.7	%	1.0	

Customer Sample ID: SRK 0864 WK:28
 WETLAB Sample ID: 1108216-018

Collect Date/Time: 8/12/2011 09:00
 Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.78	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	31	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	25	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.32	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	3.2	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	34	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.047	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.015	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	8.4	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011

Customer Sample ID: SRK 0864 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-018

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	0.98	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	0.69	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	0.59	meq/L	0.10	
Cations	Calculation	0.59	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0866 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-019

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.62	pH Units		8/12/2011
Bicarbonate (HCO ₃)	SM 2320B	4.2	mg/L	1.0	8/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	3.4	mg/L as CaCO ₃	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.70	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	16	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011

Customer Sample ID: SRK 0866 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-019

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	29	mg/L	10	8/16/2011
Aluminum	EPA 200.7	0.075	mg/L	0.045	8/22/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	6.0	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	0.64	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	1.5	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	0.44	meq/L	0.10	
Cations	Calculation	0.40	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Customer Sample ID: SRK 0867 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-020

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.14	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	17	mg/L	1.0	8/12/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	14	mg/L as CaCO3	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.73	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	32	mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	63	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.011	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	16	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	1.3	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	0.0084	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	0.52	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	0.0069	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011

Customer Sample ID: SRK 0867 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-020

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	0.98	meq/L	0.10	
Cations	Calculation	0.92	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: SRK 0872 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-021

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.05	pH Units		8/12/2011
Bicarbonate (HCO3)	SM 2320B	14	mg/L	1.0	8/12/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	8/12/2011
Total Alkalinity	SM 2320B	12	mg/L as CaCO3	1.0	8/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	8/13/2011
Fluoride	EPA 300.0	0.58	mg/L	0.10	8/13/2011
Sulfate	EPA 300.0	70	SC mg/L	1.0	8/13/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	8/13/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	8/13/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	8/16/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	8/22/2011
Barium	EPA 200.7	0.014	mg/L	0.010	8/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	8/22/2011
Calcium	EPA 200.7	32	mg/L	0.50	8/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	8/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Magnesium	EPA 200.7	0.65	mg/L	0.50	8/22/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Molybdenum	EPA 200.7	0.29	mg/L	0.010	8/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	8/22/2011

Customer Sample ID: SRK.0872 WK:28

Collect Date/Time: 8/12/2011 09:00

WETLAB Sample ID: 1108216-021

Receive Date: 8/12/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	8/22/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	8/22/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	8/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	8/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	8/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	8/18/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	8/18/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	8/18/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/18/2011
Anions	Calculation	1.72	meq/L	0.10	
Cations	Calculation	1.65	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11080450	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11080450	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11080450	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11080457	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11080457	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11080457	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11080458	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11080458	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11080458	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11080459	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11080459	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11080459	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11080461	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11080461	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11080461	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11080462	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11080462	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11080464	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080464	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080464	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080465	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080465	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080465	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11080467	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11080467	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11080467	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11080468	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11080468	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11080468	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11080619	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11080619	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11080621	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC11080622	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC11080623	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11080730	Blank 1	Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
QC11080731	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
QC11080732	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L		
		Barium, Dissolved	EPA 200.7	<0.010	mg/L		
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L		
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L		
		Boron, Dissolved	EPA 200.7	<0.10	mg/L		
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L		
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L		
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L		
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L		
		Copper, Dissolved	EPA 200.7	<0.050	mg/L		
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L		
		Iron, Dissolved	EPA 200.7	<0.010	mg/L		
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L		
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L		
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L		
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L		
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L		
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L		
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L		
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L		
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L		
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L		
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L		
		Tin, Dissolved	EPA 200.7	<0.10	mg/L		
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L		
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L		
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11080450	LCS 1	Fluoride	EPA 300.0	2.20	2.00	110	mg/L
QC11080457	LCS 1	Fluoride	EPA 300.0	2.20	2.00	110	mg/L
QC11080458	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11080459	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11080461	LCS 1	Nitrite Nitrogen	EPA 300.0	0.486	0.500	97	mg/L
QC11080462	LCS 1	Nitrite Nitrogen	EPA 300.0	0.486	0.500	97	mg/L
QC11080464	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC11080465	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC11080467	LCS 1	Sulfate	EPA 300.0	26.1	25.0	104	mg/L
QC11080468	LCS 1	Sulfate	EPA 300.0	26.1	25.0	104	mg/L
QC11080490	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11080490	LCS 2	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11080490	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11080491	LCS 1	Alkalinity	SM 2320B	95.5	100	96	mg/L
QC11080491	LCS 2	Alkalinity	SM 2320B	94.0	100	94	mg/L
QC11080491	LCS 3	Alkalinity	SM 2320B	93.7	100	94	mg/L
QC11080619	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	144	150	96	mg/L
QC11080619	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L
QC11080621	LCS 1	Mercury	EPA 200.8	0.001010	0.001	101	mg/L
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L
		Arsenic	EPA 200.8	0.0495	0.050	99	mg/L
		Lead	EPA 200.8	0.0103	0.010	103	mg/L
		Selenium	EPA 200.8	0.0477	0.050	95	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
		Uranium	EPA 200.8	0.0102	0.010	102	mg/L
		Mercury	EPA 200.8	0.001010	0.001	101	mg/L
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L
QC11080622	LCS 1						

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11080623	LCS 1	Arsenic	EPA 200.8	0.0495	0.050	99	mg/L
		Lead	EPA 200.8	0.0103	0.010	103	mg/L
		Selenium	EPA 200.8	0.0477	0.050	95	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
		Uranium	EPA 200.8	0.0102	0.010	102	mg/L
		Mercury	EPA 200.8	0.001062	0.001	106	mg/L
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L
		Arsenic	EPA 200.8	0.0486	0.050	97	mg/L
		Lead	EPA 200.8	0.0107	0.010	107	mg/L
		Selenium	EPA 200.8	0.0503	0.050	101	mg/L
QC11080730	LCS 1	Thallium	EPA 200.8	0.0103	0.010	103	mg/L
		Uranium	EPA 200.8	0.0110	0.010	110	mg/L
		Aluminum	EPA 200.7	0.960	1.00	96	mg/L
		Barium	EPA 200.7	0.965	1.00	96	mg/L
		Beryllium	EPA 200.7	0.963	1.00	96	mg/L
		Bismuth	EPA 200.7	0.993	1.00	99	mg/L
		Boron	EPA 200.7	0.899	1.00	90	mg/L
		Cadmium	EPA 200.7	0.979	1.00	98	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.952	1.00	95	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.67	5.00	93	mg/L
		Gallium	EPA 200.7	0.944	1.00	94	mg/L
		Iron	EPA 200.7	0.983	1.00	98	mg/L
		Lithium	EPA 200.7	0.947	1.00	95	mg/L
		Magnesium	EPA 200.7	10.0	10.0	100	mg/L
		Manganese	EPA 200.7	0.969	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.990	1.00	99	mg/L
		Nickel	EPA 200.7	4.87	5.00	97	mg/L
		Phosphorus	EPA 200.7	5.08	5.00	102	mg/L
		Potassium	EPA 200.7	9.59	10.0	96	mg/L
		Scandium	EPA 200.7	0.946	1.00	95	mg/L
		Silver	EPA 200.7	0.086	0.090	95	mg/L
		Sodium	EPA 200.7	9.59	10.0	96	mg/L
		Strontium	EPA 200.7	0.948	1.00	95	mg/L
		Tin	EPA 200.7	0.994	1.00	99	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
		Vanadium	EPA 200.7	0.949	1.00	95	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
QC11080731	LCS 1	Aluminum	EPA 200.7	0.960	1.00	96	mg/L
		Barium	EPA 200.7	0.965	1.00	96	mg/L
		Beryllium	EPA 200.7	0.963	1.00	96	mg/L
		Bismuth	EPA 200.7	0.993	1.00	99	mg/L
		Boron	EPA 200.7	0.899	1.00	90	mg/L
		Cadmium	EPA 200.7	0.979	1.00	98	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.952	1.00	95	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.67	5.00	93	mg/L
		Gallium	EPA 200.7	0.944	1.00	94	mg/L
		Iron	EPA 200.7	0.983	1.00	98	mg/L
		Lithium	EPA 200.7	0.947	1.00	95	mg/L
		Magnesium	EPA 200.7	10.0	10.0	100	mg/L
		Manganese	EPA 200.7	0.969	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.990	1.00	99	mg/L
		Nickel	EPA 200.7	4.87	5.00	97	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11080732	LCS 1	Phosphorus	EPA 200.7	5.08	5.00	102	mg/L
		Potassium	EPA 200.7	9.59	10.0	96	mg/L
		Scandium	EPA 200.7	0.946	1.00	95	mg/L
		Silver	EPA 200.7	0.086	0.090	95	mg/L
		Sodium	EPA 200.7	9.59	10.0	96	mg/L
		Strontium	EPA 200.7	0.948	1.00	95	mg/L
		Tin	EPA 200.7	0.994	1.00	99	mg/L
		Titanium	EPA 200.7	0.986	1.00	99	mg/L
		Vanadium	EPA 200.7	0.949	1.00	95	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
		Aluminum	EPA 200.7	0.937	1.00	94	mg/L
		Barium	EPA 200.7	0.906	1.00	91	mg/L
		Beryllium	EPA 200.7	0.899	1.00	90	mg/L
		Bismuth	EPA 200.7	0.913	1.00	91	mg/L
		Boron	EPA 200.7	0.877	1.00	88	mg/L
		Cadmium	EPA 200.7	0.885	1.00	88	mg/L
		Calcium	EPA 200.7	9.82	10.0	98	mg/L
		Chromium	EPA 200.7	0.901	1.00	90	mg/L
		Cobalt	EPA 200.7	0.915	1.00	92	mg/L
		Copper	EPA 200.7	4.54	5.00	91	mg/L
		Gallium	EPA 200.7	0.910	1.00	91	mg/L
		Iron	EPA 200.7	0.943	1.00	94	mg/L
		Lithium	EPA 200.7	0.894	1.00	89	mg/L
		Magnesium	EPA 200.7	9.49	10.0	95	mg/L
		Manganese	EPA 200.7	0.929	1.00	93	mg/L
		Molybdenum	EPA 200.7	0.863	1.00	86	mg/L
		Nickel	EPA 200.7	4.49	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.48	5.00	90	mg/L
		Potassium	EPA 200.7	9.18	10.0	92	mg/L
		Scandium	EPA 200.7	0.917	1.00	92	mg/L
		Silver	EPA 200.7	0.083	0.090	92	mg/L
		Sodium	EPA 200.7	9.34	10.0	93	mg/L
		Strontium	EPA 200.7	0.960	1.00	96	mg/L
		Tin	EPA 200.7	0.884	1.00	88	mg/L
		Titanium	EPA 200.7	0.982	1.00	98	mg/L
		Vanadium	EPA 200.7	0.895	1.00	90	mg/L
		Zinc	EPA 200.7	0.883	1.00	88	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11080490	Duplicate	pH	SM 4500-H+B	1108196-001	8.98	8.95	pH Units	<1%
QC11080490	Duplicate	pH	SM 4500-H+B	1108198-002	7.71	7.64	pH Units	1 %
QC11080490	Duplicate	pH	SM 4500-H+B	1108213-001	7.54	7.66	Q pH Units	2 %
QC11080490	Duplicate	pH	SM 4500-H+B	1108201-003	7.22	7.20	pH Units	<1%
QC11080490	Duplicate	pH	SM 4500-H+B	1108216-004	7.67	7.64	pH Units	<1%
QC11080490	Duplicate	pH	SM 4500-H+B	1108216-014	7.75	7.73	pH Units	<1%
QC11080490	Duplicate	pH	SM 4500-H+B	1108218-001	7.55	7.64	pH Units	1 %
QC11080491	Duplicate	Bicarbonate (HCO3)	SM 2320B	1108196-001	210	215	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1108196-001	27.3	25.6	mg/L	6 %
		Hydroxide (OH)	SM 2320B	1108196-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1108196-001	218	218	mg/L as CaCO3	<1%
QC11080491	Duplicate	Bicarbonate (HCO3)	SM 2320B	1108198-002	39.8	39.0	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1108198-002	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11080491	Duplicate	Hydroxide (OH)	SM 2320B	1108198-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1108198-002	32.7	32.0	mg/L as CaCO ₃	2 %
		Bicarbonate (HCO ₃)	SM 2320B	1108213-001	63.4	63.6	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1108213-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1108213-001	<1.000	<1.000	mg/L	<1%
QC11080491	Duplicate	Total Alkalinity	SM 2320B	1108213-001	52.0	52.2	mg/L as CaCO ₃	<1%
		Bicarbonate (HCO ₃)	SM 2320B	1108201-003	237	239	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1108201-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1108201-003	<1.000	<1.000	mg/L	<1%
QC11080491	Duplicate	Total Alkalinity	SM 2320B	1108201-003	194	196	mg/L as CaCO ₃	1 %
		Bicarbonate (HCO ₃)	SM 2320B	1108216-004	50.5	50.6	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1108216-004	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1108216-004	<1.000	<1.000	mg/L	<1%
QC11080491	Duplicate	Total Alkalinity	SM 2320B	1108216-004	41.4	45.2	mg/L as CaCO ₃	9 %
		Bicarbonate (HCO ₃)	SM 2320B	1108216-014	59.4	57.6	mg/L	3 %
		Carbonate (CO ₃)	SM 2320B	1108216-014	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1108216-014	<1.000	<1.000	mg/L	<1%
QC11080491	Duplicate	Total Alkalinity	SM 2320B	1108216-014	48.7	47.2	mg/L as CaCO ₃	3 %
		Bicarbonate (HCO ₃)	SM 2320B	1108218-001	47.6	47.9	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1108218-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1108218-001	<1.000	<1.000	mg/L	<1%
QC11080491	Duplicate	Total Alkalinity	SM 2320B	1108218-001	39.0	39.3	mg/L as CaCO ₃	1 %
QC11080619	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1108216-005	80.0	76.0	mg/L	5 %
QC11080619	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1108216-012	244	253	mg/L	4 %
QC11080619	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1108228-011	856	862	mg/L	1 %
QC11080619	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1108236-003	577	607	Q mg/L	5 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11080450	MS 1	Fluoride	EPA 300.0	1108202-006	<0.100	2.05	2.09	2.00	mg/L	102	104	2 %
QC11080450	MS 2	Fluoride	EPA 300.0	1108216-001	0.966	2.85	2.85	2.00	mg/L	94	94	<1%
QC11080457	MS 1	Fluoride	EPA 300.0	1108216-011	2.26	3.97	3.97	2.00	mg/L	86	85	<1%
QC11080457	MS 2	Fluoride	EPA 300.0	1108216-021	0.583	2.53	2.53	2.00	mg/L	98	98	<1%
QC11080458	MS 1	Chloride	EPA 300.0	1108202-006	<1.000	5.46	5.56	5.00	mg/L	99	101	2 %
QC11080458	MS 2	Chloride	EPA 300.0	1108216-001	<1.000	4.99	4.99	5.00	mg/L	99	99	<1%
QC11080459	MS 1	Chloride	EPA 300.0	1108216-011	<1.000	5.13	5.11	5.00	mg/L	101	100	<1%
QC11080459	MS 2	Chloride	EPA 300.0	1108216-021	<1.000	5.03	5.06	5.00	mg/L	100	100	1 %
QC11080461	MS 1	Nitrite Nitrogen	EPA 300.0	1108216-001	<0.025	0.475	0.473	0.500	mg/L	95	95	<1%
QC11080461	MS 2	Nitrite Nitrogen	EPA 300.0	1108216-011	<0.025	0.490	0.488	0.500	mg/L	97	97	<1%
QC11080462	MS 1	Nitrite Nitrogen	EPA 300.0	1108216-021	<0.025	0.489	0.491	0.500	mg/L	97	97	<1%
QC11080464	MS 1	Nitrate Nitrogen	EPA 300.0	1108202-006	<1.000	2.46	2.50	2.00	mg/L	99	101	2 %
QC11080464	MS 2	Nitrate Nitrogen	EPA 300.0	1108216-001	<1.000	1.98	1.98	2.00	mg/L	98	98	<1%
QC11080465	MS 1	Nitrate Nitrogen	EPA 300.0	1108216-011	<1.000	2.00	1.99	2.00	mg/L	99	99	1 %
QC11080465	MS 2	Nitrate Nitrogen	EPA 300.0	1108216-021	<1.000	2.00	2.01	2.00	mg/L	100	100	<1%
QC11080467	MS 1	Sulfate	EPA 300.0	1108202-006	<1.000	10.5	10.7	10.0	mg/L	100	102	2 %
QC11080467	MS 2	Sulfate	EPA 300.0	1108216-001	57.1	65.3	65.3	10.0	mg/L	82	82	<1%
QC11080468	MS 1	Sulfate	EPA 300.0	1108216-011	55.9	64.2	64.1	10.0	mg/L	82	82	<1%
QC11080468	MS 2	Sulfate	EPA 300.0	1108216-021	70.4	SC 77.8	77.9	10.0	mg/L	NC	NC	
QC11080621	MS 1	Uranium, Dissolved	EPA 200.8	1108246-001	0.0181	0.0292	0.0278	0.010	mg/L	111	97	5 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC11080622	MS 1	Mercury, Dissolved	EPA 200.8	1108246-001	<0.00010	0.001124	0.001183	0.001	mg/L	106	112	5 %	
		Antimony, Dissolved	EPA 200.8	1108246-001	0.0035	0.0139	0.0140	0.010	mg/L	104	105	1 %	
		Arsenic, Dissolved	EPA 200.8	1108246-001	0.1622	0.2189	0.2209	0.050	mg/L	113	117	1 %	
		Lead, Dissolved	EPA 200.8	1108246-001	<0.0025	0.0105	0.0102	0.010	mg/L	105	102	3 %	
		Selenium, Dissolved	EPA 200.8	1108246-001	0.1206	0.1819	0.1765	0.050	mg/L	123	112	3 %	
		Thallium, Dissolved	EPA 200.8	1108246-001	<0.0010	0.0102	0.0100	0.010	mg/L	99	96	2 %	
		Uranium, Dissolved	EPA 200.8	1108246-002	<0.0100	0.0123	0.0124	0.010	mg/L	107	108	1 %	
		Mercury, Dissolved	EPA 200.8	1108246-002	<0.00010	0.001065	0.001090	0.001	mg/L	106	109	2 %	
		Antimony, Dissolved	EPA 200.8	1108246-002	<0.0025	0.0105	0.0106	0.010	mg/L	100	102	1 %	
		Arsenic, Dissolved	EPA 200.8	1108246-002	<0.0050	0.0530	0.0535	0.050	mg/L	102	103	1 %	
QC11080623	MS 1	Lead, Dissolved	EPA 200.8	1108246-002	<0.0025	0.0110	0.0112	0.010	mg/L	110	112	2 %	
		Selenium, Dissolved	EPA 200.8	1108246-002	<0.0050	0.0539	0.0556	0.050	mg/L	101	105	3 %	
		Thallium, Dissolved	EPA 200.8	1108246-002	<0.0010	0.0104	0.0105	0.010	mg/L	104	105	1 %	
		Uranium, Dissolved	EPA 200.8	1108246-003	<0.0100	0.0138	0.0143	0.010	mg/L	108	113	4 %	
		Mercury, Dissolved	EPA 200.8	1108246-003	<0.00010	0.001065	0.001135	0.001	mg/L	107	113	6 %	
		Antimony, Dissolved	EPA 200.8	1108246-003	0.0048	0.0143	0.0155	0.010	mg/L	95	107	8 %	
		Arsenic, Dissolved	EPA 200.8	1108246-003	0.1701	0.2171	0.2185	0.050	mg/L	94	97	1 %	
		Lead, Dissolved	EPA 200.8	1108246-003	<0.0025	0.0106	0.0113	0.010	mg/L	106	113	6 %	
		Selenium, Dissolved	EPA 200.8	1108246-003	0.0318	0.0809	0.0826	0.050	mg/L	98	101	2 %	
		Thallium, Dissolved	EPA 200.8	1108246-003	<0.0010	0.0096	0.0106	0.010	mg/L	95	105	10 %	
QC11080730	MS 1	Aluminum, Dissolved	EPA 200.7	1108246-001	<0.045	0.953	0.988	1.00	mg/L	93	96	4 %	
		Barium, Dissolved	EPA 200.7	1108246-001	0.023	M	0.398	0.482	1.00	mg/L	NC	NC	NC
		Beryllium, Dissolved	EPA 200.7	1108246-001	<0.001	0.927	0.936	1.00	mg/L	93	94	1 %	
		Bismuth, Dissolved	EPA 200.7	1108246-001	<0.100	0.946	0.946	1.00	mg/L	95	95	<1%	
		Boron, Dissolved	EPA 200.7	1108246-001	0.200	1.14	1.18	1.00	mg/L	94	98	3 %	
		Cadmium, Dissolved	EPA 200.7	1108246-001	<0.001	0.881	0.887	1.00	mg/L	89	90	1 %	
		Calcium, Dissolved	EPA 200.7	1108246-001	700	SC	700	720	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1108246-001	<0.005	0.915	0.931	1.00	mg/L	92	94	2 %	
		Cobalt, Dissolved	EPA 200.7	1108246-001	<0.010	0.911	0.914	1.00	mg/L	91	91	<1%	
		Copper, Dissolved	EPA 200.7	1108246-001	<0.050	5.16	5.32	5.00	mg/L	103	106	3 %	
		Gallium, Dissolved	EPA 200.7	1108246-001	<0.100	0.959	0.989	1.00	mg/L	95	98	3 %	
		Iron, Dissolved	EPA 200.7	1108246-001	<0.010	0.921	0.922	1.00	mg/L	94	94	<1%	
		Lithium, Dissolved	EPA 200.7	1108246-001	<0.100	1.10	1.12	1.00	mg/L	101	103	2 %	
		Magnesium, Dissolved	EPA 200.7	1108246-001	396	SC	394	388	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1108246-001	<0.005	0.663	0.680	1.00	mg/L	92	94	3 %	
		Molybdenum, Dissolved	EPA 200.7	1108246-001	<0.010	0.960	0.961	1.00	mg/L	96	96	<1%	
		Nickel, Dissolved	EPA 200.7	1108246-001	0.053	4.55	4.59	5.00	mg/L	90	91	1 %	
		Phosphorus, Dissolved	EPA 200.7	1108246-001	<0.500	5.14	5.13	5.00	mg/L	101	101	<1%	
		Potassium, Dissolved	EPA 200.7	1108246-001	19.0	29.7	30.4	10.0	mg/L	107	114	2 %	
		Scandium, Dissolved	EPA 200.7	1108246-001	<0.100	0.918	0.931	1.00	mg/L	92	93	1 %	
		Silver, Dissolved	EPA 200.7	1108246-001	<0.005	0.087	0.090	0.090	mg/L	99	101	3 %	
		Sodium, Dissolved	EPA 200.7	1108246-001	250	259	264	10.0	mg/L	90	140	2 %	
		Strontium, Dissolved	EPA 200.7	1108246-001	4.28	5.10	5.26	1.00	mg/L	82	98	3 %	
		Tin, Dissolved	EPA 200.7	1108246-001	<0.100	0.868	0.859	1.00	mg/L	95	94	1 %	
		Titanium, Dissolved	EPA 200.7	1108246-001	<0.100	0.954	0.956	1.00	mg/L	96	96	<1%	
		Vanadium, Dissolved	EPA 200.7	1108246-001	0.081	1.01	1.03	1.00	mg/L	93	95	2 %	
		Zinc, Dissolved	EPA 200.7	1108246-001	0.090	1.01	1.01	1.00	mg/L	92	92	<1%	
QC11080731	MS 1	Aluminum, Dissolved	EPA 200.7	1108246-002	<0.045	1.00	0.947	1.00	mg/L	97	92	5 %	
		Barium, Dissolved	EPA 200.7	1108246-002	0.102	1.05	1.02	1.00	mg/L	95	92	3 %	
		Beryllium, Dissolved	EPA 200.7	1108246-002	<0.001	0.941	0.915	1.00	mg/L	94	91	3 %	
		Bismuth, Dissolved	EPA 200.7	1108246-002	<0.100	0.924	0.902	1.00	mg/L	93	91	2 %	
		Boron, Dissolved	EPA 200.7	1108246-002	<0.100	1.02	0.995	1.00	mg/L	96	93	2 %	
		Cadmium, Dissolved	EPA 200.7	1108246-002	<0.001	0.918	0.881	1.00	mg/L	92	88	4 %	
		Calcium, Dissolved	EPA 200.7	1108246-002	47.1	56.9	56.1	10.0	mg/L	98	90	1 %	
		Chromium, Dissolved	EPA 200.7	1108246-002	<0.005	0.950	0.921	1.00	mg/L	95	92	3 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11080732	MS 1	Cobalt, Dissolved	EPA 200.7	1108246-002	<0.010	0.934	0.904	1.00	mg/L	93	90	3 %
		Copper, Dissolved	EPA 200.7	1108246-002	<0.050	4.85	4.69	5.00	mg/L	97	94	3 %
		Gallium, Dissolved	EPA 200.7	1108246-002	<0.100	0.973	0.950	1.00	mg/L	97	95	2 %
		Iron, Dissolved	EPA 200.7	1108246-002	<0.010	0.966	0.965	1.00	mg/L	97	97	<1%
		Lithium, Dissolved	EPA 200.7	1108246-002	<0.100	0.913	0.917	1.00	mg/L	91	91	<1%
		Magnesium, Dissolved	EPA 200.7	1108246-002	23.2	32.4	32.0	10.0	mg/L	92	88	1 %
		Manganese, Dissolved	EPA 200.7	1108246-002	<0.005	0.952	0.917	1.00	mg/L	97	94	4 %
		Molybdenum, Dissolved	EPA 200.7	1108246-002	<0.010	0.918	0.893	1.00	mg/L	92	89	3 %
		Nickel, Dissolved	EPA 200.7	1108246-002	<0.010	4.58	4.42	5.00	mg/L	92	88	4 %
		Phosphorus, Dissolved	EPA 200.7	1108246-002	<0.500	5.00	4.84	5.00	mg/L	93	90	3 %
		Potassium, Dissolved	EPA 200.7	1108246-002	5.60	15.4	15.5	10.0	mg/L	98	99	1 %
		Scandium, Dissolved	EPA 200.7	1108246-002	<0.100	0.954	0.939	1.00	mg/L	95	94	2 %
		Silver, Dissolved	EPA 200.7	1108246-002	<0.005	0.087	0.086	0.090	mg/L	94	93	1 %
		Sodium, Dissolved	EPA 200.7	1108246-002	17.3	27.3	27.3	10.0	mg/L	100	100	<1%
		Strontium, Dissolved	EPA 200.7	1108246-002	0.150	1.12	1.12	1.00	mg/L	97	97	<1%
		Tin, Dissolved	EPA 200.7	1108246-002	<0.100	0.923	0.890	1.00	mg/L	94	91	4 %
		Titanium, Dissolved	EPA 200.7	1108246-002	<0.100	1.02	1.02	1.00	mg/L	102	102	<1%
		Vanadium, Dissolved	EPA 200.7	1108246-002	0.026	0.969	0.944	1.00	mg/L	94	92	3 %
		Zinc, Dissolved	EPA 200.7	1108246-002	<0.010	0.918	0.884	1.00	mg/L	92	88	4 %
		Aluminum, Dissolved	EPA 200.7	1108246-003	<0.045	0.916	0.935	1.00	mg/L	88	90	2 %
		Barium, Dissolved	EPA 200.7	1108246-003	0.053	0.933	0.936	1.00	mg/L	88	88	<1%
		Beryllium, Dissolved	EPA 200.7	1108246-003	<0.001	0.896	0.887	1.00	mg/L	90	89	1 %
		Bismuth, Dissolved	EPA 200.7	1108246-003	<0.100	0.880	0.871	1.00	mg/L	88	87	1 %
		Boron, Dissolved	EPA 200.7	1108246-003	0.102	1.01	1.01	1.00	mg/L	91	91	<1%
		Cadmium, Dissolved	EPA 200.7	1108246-003	<0.001	0.859	0.870	1.00	mg/L	86	87	1 %
		Calcium, Dissolved	EPA 200.7	1108246-003	119	132	131	10.0	mg/L	130	120	1 %
		Chromium, Dissolved	EPA 200.7	1108246-003	<0.005	0.884	0.891	1.00	mg/L	89	89	1 %
		Cobalt, Dissolved	EPA 200.7	1108246-003	0.434	1.14	1.14	1.00	mg/L	71	71	<1%
		Copper, Dissolved	EPA 200.7	1108246-003	<0.050	4.43	4.42	5.00	mg/L	88	88	<1%
		Gallium, Dissolved	EPA 200.7	1108246-003	<0.100	0.916	0.918	1.00	mg/L	91	91	<1%
		Iron, Dissolved	EPA 200.7	1108246-003	0.101	1.05	1.08	1.00	mg/L	95	98	3 %
		Lithium, Dissolved	EPA 200.7	1108246-003	<0.100	0.919	0.911	1.00	mg/L	89	88	1 %
		Magnesium, Dissolved	EPA 200.7	1108246-003	12.4	21.9	22.3	10.0	mg/L	95	99	2 %
		Manganese, Dissolved	EPA 200.7	1108246-003	<0.005	0.868	0.871	1.00	mg/L	91	91	<1%
		Molybdenum, Dissolved	EPA 200.7	1108246-003	0.112	0.969	0.972	1.00	mg/L	86	86	<1%
		Nickel, Dissolved	EPA 200.7	1108246-003	<0.010	4.34	4.38	5.00	mg/L	87	88	1 %
		Phosphorus, Dissolved	EPA 200.7	1108246-003	<0.500	4.62	4.65	5.00	mg/L	91	91	1 %
		Potassium, Dissolved	EPA 200.7	1108246-003	13.8	23.6	23.5	10.0	mg/L	98	97	<1%
		Scandium, Dissolved	EPA 200.7	1108246-003	<0.100	0.907	0.896	1.00	mg/L	91	90	1 %
		Silver, Dissolved	EPA 200.7	1108246-003	<0.005	0.082	0.081	0.090	mg/L	87	87	1 %
		Sodium, Dissolved	EPA 200.7	1108246-003	92.8	104	102	10.0	mg/L	112	92	2 %
		Strontium, Dissolved	EPA 200.7	1108246-003	0.589	1.54	1.50	1.00	mg/L	95	91	3 %
		Tin, Dissolved	EPA 200.7	1108246-003	<0.100	0.840	0.841	1.00	mg/L	88	88	<1%
		Titanium, Dissolved	EPA 200.7	1108246-003	<0.100	0.977	0.975	1.00	mg/L	98	97	<1%
		Vanadium, Dissolved	EPA 200.7	1108246-003	0.015	0.907	0.911	1.00	mg/L	89	90	<1%
		Zinc, Dissolved	EPA 200.7	1108246-003	<0.010	0.870	0.891	1.00	mg/L	87	89	2 %

**WETLAB**WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1108216

Report 8/26/11
Due Date:

Page 1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name Robert

Fax 775-356-8917

Project Name

P.O. Number

Project Number 3438

Email mli@mettest.com

Additional Information

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

Sample Type Codes

DW = Drinking Water	SD = Solid
WW = Wastewater	SO = Soft
SW = Surface Water	HW = Hazardous Waste
MW = Monitoring Well	OTHER: _____

SAMPLE ID/COATON	DATE	TIME	NO. OF THERS	Analyses Requested												Spl. No.
				Profile II w/o Vtad	Uranium											
604 562	Wk:28	8/12/11	9:00	WW	2	X	X									1
604 569																2
604 606																3
604 653																4
604 656																5
604 669	1108															6
604 673																7
604 767	216	1														8
604 787																9
604 811																10
604 854																11
604 862						▽	▽	▽	▽	▽	▽	▽	▽	▽		12

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 21 °C	8/12/11	15:15	<i>John Miller</i>	<i>Bhuz</i>
Custody Seals Intact? Y N <input checked="" type="radio"/> None				
Number of Containers 47				

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net-30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

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475 E. Greg Street #11B | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number

1108216

Report

8/26/11

Due Date:

Page

2 of 2

Client		McClelland Laboratories, Inc.		Turnaround Time	
Address		1016 Greg Street		Standard	1-2 Day
City, State & Zip		Sparks, NV 89431		Other	
Contact		Gene McClelland		Billing Address (if different than Client Address):	
Phone	775-356-1300	Collector's Name	Robert	Company	
Fax	775-356-8917	Project Name		Address	
P.O. Number		Project Number	3438	City, State & Zip	
Email	mli@mettest.com	Contact		Phone	
Fax		Fax		Email	

Additional Information		Analyses Requested														
S	A	M	P	L	E	T	A	I	N	D	E	R	S	Profile II w/o Uranium	Uranium	Sp. No.
Fax Results	Y	N	To: Client	Billing												
Email Results	Y	N	To: Client	Billing												
Compliance Monitoring	Y	N														
Fax Results to State EPA	Y	N														
Sample Type Codes																
DW = Drinking Water	SD = Solid															
WW = Wastewater	SO = Soil															
SW = Surface Water	HW = Hazardous Waste															
MW = Monitoring Well	OTHER:															
SAMPLE ID/LOCATION		DATE	TIME													
604 867	Wk:28	8/12/11	9:00	WW	2	X	X									13
605 033																14
605 153																15
SRK 0854																16
SRK 0858																17
SRK 0864																18
SRK 0866																19
SRK 0867																20
SRK 0872	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					21
Instructions/Comments/Special Requirements:																

SAMPLE RECEIPT		DATE	TIME	Samples relinquished by		Samples received by	
Temperature	21 °C	8/12/11	15:15	<i>John E. [Signature]</i>		<i>B. Aug</i>	
Custody Seals intact?	Y	N	<i>(None)</i>				
Number of Containers	42						

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89481 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

8/5/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1107281

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 7/15/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1107281

General Comments

On Sample 1107281-017 the result for Sulfate (as analyzed using EPA 300.0) was unexpectedly high when compared to the TDS results. Because of this, the results for Sulfur have been used to calculate a theoretical Sulfate result.

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1107281-017 Nitrite Nitrogen, Chloride

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 8/5/2011
OrderID: 1107281

Customer Sample ID: 604 562 WK:24 **Collect Date/Time:** 7/15/2011 09:00
WETLAB Sample ID: 1107281-001 **Receive Date:** 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	94	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	77	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	71	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.023	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	44	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	0.053	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	7.7	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.41	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	7/20/2011

Customer Sample ID: 604 562 WK:24
WETLAB Sample ID: 1107281-001

Collect Date/Time: 7/15/2011 09:00
Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.73	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.37	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.040	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	7/20/2011
Anions	Calculation	3.08	meq/L	0.10	
Cations	Calculation	2.94	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Customer Sample ID: 604 569 WK:24
WETLAB Sample ID: 1107281-002

Collect Date/Time: 7/15/2011 09:00
Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.21	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	30	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	24	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	0.92	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	22	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	46	mg/L	10	7/18/2011
Aluminum	EPA 200.7	0.075	mg/L	0.045	7/20/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011

Customer Sample ID: 604 569 WK:24
 WETLAB Sample ID: 1107281-002

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	12	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	2.9	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.051	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.023	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	7/20/2011
Anions	Calculation	1.00	meq/L	0.10	
Cations	Calculation	0.91	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: 604 606 WK:24
 WETLAB Sample ID: 1107281-003

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.78	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	66	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011

Customer Sample ID: 604 606 WK:24
 WETLAB Sample ID: 1107281-003

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	54	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	33	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	99	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.035	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	26	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.040	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.5	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.93	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	7/20/2011

Customer Sample ID: 604 606 WK:24
 WETLAB Sample ID: 1107281-003

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.85	meq/L	0.10	
Cations	Calculation	1.78	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 653 WK:24
 WETLAB Sample ID: 1107281-004

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.34	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	36	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	30	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	54	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	7/18/2011
Aluminum	EPA 200.7	0.063	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.032	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	26	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	2.6	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.17	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	0.017	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011

Customer Sample ID: 604 653 WK:24
 WETLAB Sample ID: 1107281-004

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	1.1	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.17	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.016	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	7/20/2011
Anions	Calculation	1.77	meq/L	0.10	
Cations	Calculation	1.63	meq/L	0.10	
Error	Calculation	4.0	%	1.0	

Customer Sample ID: 604 656 WK:24
 WETLAB Sample ID: 1107281-005

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.96	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	89	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	73	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	40	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	33	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011

Customer Sample ID: 604 656 WK:24
 WETLAB Sample ID: 1107281-005

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	6.6	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.089	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	0.042	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	3.5	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.33	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	0.018	mg/L	0.010	7/20/2011
Anions	Calculation	2.38	meq/L	0.10	
Cations	Calculation	2.31	meq/L	0.10	
Error	Calculation	1.5	%	1.0	

Customer Sample ID: 604 669 WK:24
 WETLAB Sample ID: 1107281-006

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.27	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	40	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	32	mg/L as CaCO3	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011

Customer Sample ID: 604 669 WK:24
 WETLAB Sample ID: 1107281-006

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.78	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	89	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.012	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	36	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	5.8	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.66	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	3.0	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.78	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.29	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.020	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	0.0054	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	7/20/2011
Anions	Calculation	2.55	meq/L	0.10	
Cations	Calculation	2.41	meq/L	0.10	

Customer Sample ID: 604 669 WK:24
 WETLAB Sample ID: 1107281-006

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	2.8	%	1.0	

Customer Sample ID: 604 673 WK:24
 WETLAB Sample ID: 1107281-007

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.35	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	2.4	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	2.0	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	0.43	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	28	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	29	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.048	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	8.3	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	1.1	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.024	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	0.73	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011

Customer Sample ID: 604 673 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-007

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.010	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	7/20/2011
Anions	Calculation	0.64	meq/L	0.10	
Cations	Calculation	0.59	meq/L	0.10	
Error	Calculation	4.1	%	1.0	

Customer Sample ID: 604 767 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-008

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.18	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	30	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	25	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/15/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	7/15/2011
Sulfate	EPA 300.0	74	mg/L	1.0	7/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/15/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	0.034	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	27	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011

Customer Sample ID: 604 767 WK:24
 WETLAB Sample ID: 1107281-008

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	7.4	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	0.016	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	0.010	mg/L	0.010	7/20/2011
Anions	Calculation	2.17	meq/L	0.10	
Cations	Calculation	2.03	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: 604 787 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-009

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.66	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	64	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	52	mg/L as CaCO3	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	39	mg/L	1.0	7/16/2011

Customer Sample ID: 604 787 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-009

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	28	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.070	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	0.023	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.21	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	0.035	mg/L	0.010	7/20/2011
Anions	Calculation	1.94	meq/L	0.10	
Cations	Calculation	1.83	meq/L	0.10	
Error	Calculation	2.8	%	1.0	

Customer Sample ID: 604 811 WK:24
 WETLAB Sample ID: 1107281-010

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.10	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	89	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	26	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/20/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/20/2011
Calcium	EPA 200.7	33	mg/L	0.50	7/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Magnesium	EPA 200.7	7.8	mg/L	0.50	7/20/2011
Manganese	EPA 200.7	0.039	mg/L	0.0050	7/20/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	7/20/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/20/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/20/2011
Strontium	EPA 200.7	0.42	mg/L	0.10	7/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/20/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011

Customer Sample ID: 604 811 WK:24
 WETLAB Sample ID: 1107281-010

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/20/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/20/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/20/2011
Uranium	EPA 200.8	0.015	mg/L	0.010	7/20/2011
Anions	Calculation	2.47	meq/L	0.10	
Cations	Calculation	2.34	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Customer Sample ID: 604 854 WK:24
 WETLAB Sample ID: 1107281-011

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.34	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	39	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	32	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	2.5	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	65	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.030	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	30	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	6.0	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.11	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	0.043	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011

Customer Sample ID: 604 854 WK:24
 WETLAB Sample ID: 1107281-011

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	2.3	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	2.12	meq/L	0.10	
Cations	Calculation	2.05	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: 604 862 WK:24
 WETLAB Sample ID: 1107281-012

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.16	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	230	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	190	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	2.7	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	25	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.012	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011

Customer Sample ID: 604 862 WK:24
 WETLAB Sample ID: 1107281-012

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	72	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	10	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.078	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.91	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	4.43	meq/L	0.10	
Cations	Calculation	4.49	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 867 WK:24
 WETLAB Sample ID: 1107281-013

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.33	Q pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	48	mg/L	1.0	7/15/2011

Customer Sample ID: 604 867 WK:24
 WETLAB Sample ID: 1107281-013

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	39	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	180	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	330	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Bariuni	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	86	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	3.5	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.099	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.39	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011

Customer Sample ID: 604 867 WK:24
 WETLAB Sample ID: 1107281-013

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	4.63	meq/L	0.10	
Cations	Calculation	4.64	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 033 WK:24
 WETLAB Sample ID: 1107281-014

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.56	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	50	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	41	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	2.0	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	34	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.019	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	28	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	2.1	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.067	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	0.014	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	7/21/2011

Customer Sample ID: 605 033 WK:24
 WETLAB Sample ID: 1107281-014

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.20	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	8/2/2011
Anions	Calculation	1.63	meq/L	0.10	
Cations	Calculation	1.65	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 WK:24
 WETLAB Sample ID: 1107281-015

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.45	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	41	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	34	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	15	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	52	mg/L	10	7/18/2011
Aluminum	EPA 200.7	0.056	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.11	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011

Customer Sample ID: 605 153 WK:24
 WETLAB Sample ID: 1107281-015

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	15	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	2.0	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.027	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	2.0	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.88	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	1.05	meq/L	0.10	
Cations	Calculation	1.00	meq/L	0.10	
Error	Calculation	2.7	%	1.0	

Customer Sample ID: SRK 0854 WK:24
 WETLAB Sample ID: 1107281-016

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.90	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011

Customer Sample ID: SRK 0854 WK:24
 WETLAB Sample ID: 1107281-016

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	0.32	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	150	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	7/18/2011
Aluminum	EPA 200.7	0.19	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.011	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	0.0045	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	22	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	0.012	mg/L	0.010	7/21/2011
Copper	EPA 200.7	53	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.37	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	0.44	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	0.012	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011

Customer Sample ID: SRK 0854 WK:24
WETLAB Sample ID: 1107281-016

Collect Date/Time: 7/15/2011 09:00
Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.14	meq/L	0.10	
Cations	Calculation	2.96	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: SRK 0858 WK:24
WETLAB Sample ID: 1107281-017

Collect Date/Time: 7/15/2011 09:00
Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	2.78	pH Units		7/15/2011
Acidity (Titrimetric)	SM 2310B	290	mg/L as CaCO ₃		7/15/2011
Chloride	EPA 300.0	<10	mg/L	10	7/16/2011
Fluoride	EPA 300.0	2.1	mg/L	1.0	7/16/2011
Sulfate	EPA 300.0	380	mg/L	10	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.25	mg/L	0.25	7/16/2011
Sulfate (as calculated from S)	Calc.	350	mg/L	1.0	7/26/2011
Total Dissolved Solids (TDS)	SM 2540C	350	mg/L	10	7/18/2011
Sulfur	EPA 200.7	120	mg/L	20	7/26/2011
Aluminum	EPA 200.7	11	mg/L	0.045	7/21/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	0.0015	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	0.0027	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	16	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	0.029	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	0.058	mg/L	0.010	7/21/2011
Copper	EPA 200.7	21	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	18	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	1.8	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	1.6	mg/L	0.50	7/21/2011

Customer Sample ID: SRK 0858 WK:24
 WETLAB Sample ID: 1107281-017

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	0.16	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	0.0068	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	0.047	mg/L	0.010	8/2/2011
Anions	Calculation	8.02	meq/L	0.10	
Cations	Calculation	6.88	meq/L	0.10	
Error	Calculation	7.7	%	1.0	

Customer Sample ID: SRK 0864 WK:24
 WETLAB Sample ID: 1107281-018

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	36	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	29	mg/L as CaCO3	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	0.35	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	3.9	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	40	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.012	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	9.1	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011

Customer Sample ID: SRK 0864 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-018

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	1.1	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	0.66	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	0.69	meq/L	0.10	
Cations	Calculation	0.63	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: SRK 0866 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-019

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.60	pH Units		7/15/2011
Bicarbonate (HCO3)	SM 2320B	5.1	mg/L	1.0	7/15/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	4.2	mg/L as CaCO3	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	0.70	mg/L	0.10	7/16/2011

Customer Sample ID: SRK 0866 WK:24

Collect Date/Time: 7/15/2011 09:00

WETLAB Sample ID: 1107281-019

Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	21	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	28	mg/L	10	7/18/2011
Aluminum	EPA 200.7	0.048	mg/L	0.045	7/21/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	7.5	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	0.81	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	0.023	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	0.56	meq/L	0.10	
Cations	Calculation	0.50	meq/L	0.10	
Error	Calculation	5.9	%	1.0	

Customer Sample ID: SRK 0866 WK:24
 WETLAB Sample ID: 1107281-019

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0867 WK:24
 WETLAB Sample ID: 1107281-020

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.92	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	16	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	13	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	0.92	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	37	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	69	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.012	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	18	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.012	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	0.019	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	0.73	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011

Customer Sample ID: SRK 0867 WK:24
 WETLAB Sample ID: 1107281-020

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	0.020	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	0.0066	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	1.08	meq/L	0.10	
Cations	Calculation	1.03	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Customer Sample ID: SRK 0872 WK:24
 WETLAB Sample ID: 1107281-021

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.07	pH Units		7/15/2011
Bicarbonate (HCO ₃)	SM 2320B	26	mg/L	1.0	7/15/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	7/15/2011
Total Alkalinity	SM 2320B	21	mg/L as CaCO ₃	1.0	7/15/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	7/16/2011
Fluoride	EPA 300.0	0.57	mg/L	0.10	7/16/2011
Sulfate	EPA 300.0	63	mg/L	1.0	7/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	7/16/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	7/16/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	7/18/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	7/21/2011
Barium	EPA 200.7	0.015	mg/L	0.010	7/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	7/21/2011
Calcium	EPA 200.7	33	mg/L	0.50	7/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	7/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011

Customer Sample ID: SRK 0872 WK:24
 WETLAB Sample ID: 1107281-021

Collect Date/Time: 7/15/2011 09:00
 Receive Date: 7/15/2011 13:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Magnesium	EPA 200.7	0.67	mg/L	0.50	7/21/2011
Manganese	EPA 200.7	0.022	mg/L	0.0050	7/21/2011
Molybdenum	EPA 200.7	0.21	mg/L	0.010	7/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	7/21/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	7/21/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	7/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	7/21/2011
Zinc	EPA 200.7	0.038	mg/L	0.010	7/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	7/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	7/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	7/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	7/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	8/2/2011
Anions	Calculation	1.77	meq/L	0.10	
Cations	Calculation	1.70	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11070482	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11070482	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11070482	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11070483	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11070483	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11070485	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11070485	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11070485	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11070486	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11070486	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11070488	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11070488	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11070488	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11070489	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11070489	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11070491	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11070491	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11070491	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11070492	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11070492	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11070494	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11070494	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11070494	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11070495	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11070495	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11070611	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11070611	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11070628	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11070629	Blank 1	Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC11070633	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC11070634	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC11070639	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC11070640	Blank 1	Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
QC11070664	Blank 1	Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC11070665	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Uranium	EPA 200.8	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11070478	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC11070478	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC11070482	LCS 1	Fluoride	EPA 300.0	2.15	2.00	107	mg/L
QC11070483	LCS 1	Fluoride	EPA 300.0	2.15	2.00	107	mg/L
QC11070485	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC11070486	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L
QC11070488	LCS 1	Nitrite Nitrogen	EPA 300.0	0.528	0.500	106	mg/L
QC11070489	LCS 1	Nitrite Nitrogen	EPA 300.0	0.528	0.500	106	mg/L
QC11070491	LCS 1	Nitrate Nitrogen	EPA 300.0	2.01	2.00	101	mg/L
QC11070492	LCS 1	Nitrate Nitrogen	EPA 300.0	2.01	2.00	101	mg/L
QC11070494	LCS 1	Sulfate	EPA 300.0	26.3	25.0	105	mg/L
QC11070495	LCS 1	Sulfate	EPA 300.0	26.3	25.0	105	mg/L
QC11070498	LCS 1	Alkalinity	SM 2320B	95.7	100	96	mg/L
QC11070498	LCS 2	Alkalinity	SM 2320B	94.4	100	94	mg/L
QC11070611	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L
QC11070611	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC11070628	LCS 1	Aluminum	EPA 200.7	0.988	1.00	99	mg/L
		Barium	EPA 200.7	0.978	1.00	98	mg/L
		Beryllium	EPA 200.7	0.973	1.00	97	mg/L
		Bismuth	EPA 200.7	0.998	1.00	100	mg/L
		Boron	EPA 200.7	0.906	1.00	91	mg/L
		Cadmium	EPA 200.7	0.966	1.00	97	mg/L
		Calcium	EPA 200.7	9.95	10.0	100	mg/L
		Chromium	EPA 200.7	0.965	1.00	96	mg/L
		Cobalt	EPA 200.7	0.973	1.00	97	mg/L
		Copper	EPA 200.7	4.82	5.00	96	mg/L
		Gallium	EPA 200.7	0.961	1.00	96	mg/L
		Iron	EPA 200.7	0.996	1.00	100	mg/L
		Lithium	EPA 200.7	0.964	1.00	96	mg/L
		Magnesium	EPA 200.7	9.85	10.0	98	mg/L
		Manganese	EPA 200.7	0.971	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.965	1.00	96	mg/L
		Nickel	EPA 200.7	4.86	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.82	5.00	96	mg/L
		Potassium	EPA 200.7	10.1	10.0	101	mg/L
		Scandium	EPA 200.7	0.980	1.00	98	mg/L
		Silver	EPA 200.7	0.086	0.090	95	mg/L
		Sodium	EPA 200.7	9.97	10.0	100	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.946	1.00	95	mg/L
		Titanium	EPA 200.7	1.00	1.00	100	mg/L
		Vanadium	EPA 200.7	0.973	1.00	97	mg/L
		Zinc	EPA 200.7	0.971	1.00	97	mg/L
QC11070629	LCS 1	Aluminum	EPA 200.7	0.988	1.00	99	mg/L
		Barium	EPA 200.7	0.978	1.00	98	mg/L
		Beryllium	EPA 200.7	0.973	1.00	97	mg/L
		Bismuth	EPA 200.7	0.998	1.00	100	mg/L
		Boron	EPA 200.7	0.906	1.00	91	mg/L
		Cadmium	EPA 200.7	0.966	1.00	97	mg/L
		Calcium	EPA 200.7	9.95	10.0	100	mg/L
		Chromium	EPA 200.7	0.965	1.00	96	mg/L
		Cobalt	EPA 200.7	0.973	1.00	97	mg/L
		Copper	EPA 200.7	4.82	5.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11070633	LCS 1	Gallium	EPA 200.7	0.961	1.00	96	mg/L
		Iron	EPA 200.7	0.996	1.00	100	mg/L
		Lithium	EPA 200.7	0.964	1.00	96	mg/L
		Magnesium	EPA 200.7	9.85	10.0	98	mg/L
		Manganese	EPA 200.7	0.971	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.965	1.00	96	mg/L
		Nickel	EPA 200.7	4.86	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.82	5.00	96	mg/L
		Potassium	EPA 200.7	10.1	10.0	101	mg/L
		Scandium	EPA 200.7	0.980	1.00	98	mg/L
		Silver	EPA 200.7	0.086	0.090	95	mg/L
		Sodium	EPA 200.7	9.97	10.0	100	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.946	1.00	95	mg/L
		Titanium	EPA 200.7	1.00	1.00	100	mg/L
		Vanadium	EPA 200.7	0.973	1.00	97	mg/L
		Zinc	EPA 200.7	0.971	1.00	97	mg/L
QC11070634	LCS 1	Mercury	EPA 200.8	0.001119	0.001	112	mg/L
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L
		Arsenic	EPA 200.8	0.0509	0.050	102	mg/L
		Lead	EPA 200.8	0.0108	0.010	108	mg/L
		Selenium	EPA 200.8	0.0520	0.050	104	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0105	0.010	105	mg/L
QC11070639	LCS 1	Mercury	EPA 200.8	0.001119	0.001	112	mg/L
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L
		Arsenic	EPA 200.8	0.0509	0.050	102	mg/L
		Lead	EPA 200.8	0.0108	0.010	108	mg/L
		Selenium	EPA 200.8	0.0520	0.050	104	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0105	0.010	105	mg/L
QC11070640	LCS 1	Aluminum	EPA 200.7	0.918	1.00	92	mg/L
		Barium	EPA 200.7	0.972	1.00	97	mg/L
		Beryllium	EPA 200.7	0.991	1.00	99	mg/L
		Bismuth	EPA 200.7	0.995	1.00	100	mg/L
		Boron	EPA 200.7	0.932	1.00	93	mg/L
		Cadmium	EPA 200.7	0.990	1.00	99	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.961	1.00	96	mg/L
		Cobalt	EPA 200.7	0.987	1.00	99	mg/L
		Copper	EPA 200.7	4.62	5.00	92	mg/L
		Gallium	EPA 200.7	0.941	1.00	94	mg/L
		Iron	EPA 200.7	0.992	1.00	99	mg/L
		Lithium	EPA 200.7	0.970	1.00	97	mg/L
		Magnesium	EPA 200.7	10.1	10.0	101	mg/L
		Manganese	EPA 200.7	0.960	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.984	1.00	98	mg/L
		Nickel	EPA 200.7	4.94	5.00	99	mg/L
		Phosphorus	EPA 200.7	5.04	5.00	101	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.963	1.00	96	mg/L
		Silver	EPA 200.7	0.085	0.090	94	mg/L
		Sodium	EPA 200.7	9.71	10.0	97	mg/L
		Strontium	EPA 200.7	1.00	1.00	100	mg/L
		Tin	EPA 200.7	0.979	1.00	98	mg/L
		Titanium	EPA 200.7	0.988	1.00	99	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11070640	LCS 1	Vanadium	EPA 200.7	0.964	1.00	96	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
		Aluminum	EPA 200.7	0.918	1.00	92	mg/L
		Barium	EPA 200.7	0.972	1.00	97	mg/L
		Beryllium	EPA 200.7	0.991	1.00	99	mg/L
		Bismuth	EPA 200.7	0.995	1.00	100	mg/L
		Boron	EPA 200.7	0.932	1.00	93	mg/L
		Cadmium	EPA 200.7	0.990	1.00	99	mg/L
		Calcium	EPA 200.7	10.0	10.0	100	mg/L
		Chromium	EPA 200.7	0.961	1.00	96	mg/L
		Cobalt	EPA 200.7	0.987	1.00	99	mg/L
		Copper	EPA 200.7	4.62	5.00	92	mg/L
		Gallium	EPA 200.7	0.941	1.00	94	mg/L
		Iron	EPA 200.7	0.992	1.00	99	mg/L
		Lithium	EPA 200.7	0.970	1.00	97	mg/L
		Magnesium	EPA 200.7	10.1	10.0	101	mg/L
		Manganese	EPA 200.7	0.960	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.984	1.00	98	mg/L
		Nickel	EPA 200.7	4.94	5.00	99	mg/L
		Phosphorus	EPA 200.7	5.04	5.00	101	mg/L
QC11070664	LCS 1	Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.963	1.00	96	mg/L
		Silver	EPA 200.7	0.085	0.090	94	mg/L
		Sodium	EPA 200.7	9.71	10.0	97	mg/L
		Strontium	EPA 200.7	1.00	1.00	100	mg/L
		Tin	EPA 200.7	0.979	1.00	98	mg/L
		Titanium	EPA 200.7	0.988	1.00	99	mg/L
		Vanadium	EPA 200.7	0.964	1.00	96	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
		Mercury	EPA 200.8	0.001138	0.001	114	mg/L
		Antimony	EPA 200.8	0.0103	0.010	103	mg/L
		Arsenic	EPA 200.8	0.0512	0.050	102	mg/L
		Lead	EPA 200.8	0.0108	0.010	108	mg/L
QC11070665	LCS 1	Selenium	EPA 200.8	0.0491	0.050	98	mg/L
		Thallium	EPA 200.8	0.0103	0.010	103	mg/L
		Uranium	EPA 200.8	0.0111	0.010	111	mg/L
		Mercury	EPA 200.8	0.001138	0.001	114	mg/L
		Antimony	EPA 200.8	0.0103	0.010	103	mg/L
		Arsenic	EPA 200.8	0.0512	0.050	102	mg/L
		Lead	EPA 200.8	0.0108	0.010	108	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11070478	Duplicate	pH	SM 4500-H+ B	1107278-001	3.29	3.30	pH Units	<1%
QC11070478	Duplicate	pH	SM 4500-H+ B	1107281-003	7.78	7.73	pH Units	1 %
QC11070478	Duplicate	pH	SM 4500-H+ B	1107283-001	2.60	2.60	pH Units	<1%
QC11070478	Duplicate	pH	SM 4500-H+ B	1107283-002	9.06	9.09	pH Units	<1%
QC11070498	Duplicate	Bicarbonate (HCO3)	SM 2320B	1107278-002	178	177	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1107278-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1107278-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1107278-002	146	145	mg/L as CaCO3	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11070498	Duplicate	Bicarbonate (HCO3)	SM 2320B	1107281-003	66.0	64.2	mg/L	3 %
		Carbonate (CO3)	SM 2320B	1107281-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1107281-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1107281-003	54.1	52.6	mg/L as CaCO3	3 %
QC11070498	Duplicate	Bicarbonate (HCO3)	SM 2320B	1107281-013	47.8	47.9	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1107281-013	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1107281-013	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1107281-013	39.2	39.3	mg/L as CaCO3	<1%
QC11070498	Duplicate	Bicarbonate (HCO3)	SM 2320B	1107283-002	30.1	26.1	mg/L	14 %
		Carbonate (CO3)	SM 2320B	1107283-002	13.9	15.1	mg/L	8 %
		Hydroxide (OH)	SM 2320B	1107283-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1107283-002	47.8	46.5	mg/L as CaCO3	3 %
QC11070611	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1107275-001	2304	2336	mg/L	1 %
QC11070611	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1107278-006	509	512	mg/L	1 %
QC11070611	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1107281-008	123	132	mg/L	7 %
QC11070611	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1107281-018	40.0	41.0	mg/L	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11070482	MS 1	Fluoride	EPA 300.0	1107280-001	0.468	2.58	2.59	2.00	mg/L	106	106	<1%
QC11070482	MS 2	Fluoride	EPA 300.0	1107281-009	1.45	3.42	3.42	2.00	mg/L	99	99	<1%
QC11070483	MS 1	Fluoride	EPA 300.0	1107281-019	0.698	2.77	2.79	2.00	mg/L	103	105	1 %
QC11070485	MS 1	Chloride	EPA 300.0	1107280-001	<1.000	5.32	5.35	5.00	mg/L	105	106	1 %
QC11070485	MS 2	Chloride	EPA 300.0	1107281-009	<1.000	5.32	5.35	5.00	mg/L	105	105	1 %
QC11070486	MS 1	Chloride	EPA 300.0	1107281-019	<1.000	5.33	5.37	5.00	mg/L	105	106	1 %
QC11070488	MS 1	Nitrite Nitrogen	EPA 300.0	1107280-001	<0.025	0.531	0.532	0.500	mg/L	106	106	<1%
QC11070488	MS 2	Nitrite Nitrogen	EPA 300.0	1107281-009	<0.025	0.527	0.530	0.500	mg/L	104	105	1 %
QC11070489	MS 1	Nitrite Nitrogen	EPA 300.0	1107281-019	<0.025	0.542	0.543	0.500	mg/L	106	106	<1%
QC11070491	MS 1	Nitrate Nitrogen	EPA 300.0	1107280-001	<1.000	2.07	2.08	2.00	mg/L	102	103	<1%
QC11070491	MS 2	Nitrate Nitrogen	EPA 300.0	1107281-009	<1.000	2.07	2.08	2.00	mg/L	102	103	<1%
QC11070492	MS 1	Nitrate Nitrogen	EPA 300.0	1107281-019	<1.000	2.12	2.12	2.00	mg/L	104	104	<1%
QC11070494	MS 1	Sulfate	EPA 300.0	1107280-001	14.9	25.2	25.2	10.0	mg/L	103	103	<1%
QC11070494	MS 2	Sulfate	EPA 300.0	1107281-009	38.8	48.1	48.2	10.0	mg/L	93	94	<1%
QC11070495	MS 1	Sulfate	EPA 300.0	1107281-019	20.5	30.4	30.4	10.0	mg/L	98	99	<1%
QC11070628	MS 1	Aluminum	EPA 200.7	1107275-001	<0.045	0.963	0.974	1.00	mg/L	92	94	1 %
		Barium	EPA 200.7	1107275-001	0.099	1.06	1.06	1.00	mg/L	96	96	<1%
		Beryllium	EPA 200.7	1107275-001	<0.001	0.993	0.988	1.00	mg/L	99	99	1 %
		Bismuth	EPA 200.7	1107275-001	<0.100	0.932	0.927	1.00	mg/L	93	93	1 %
		Boron	EPA 200.7	1107275-001	5.06	SC 6.37	6.32	1.00	mg/L	NC	NC	NC
		Cadmium	EPA 200.7	1107275-001	<0.001	0.970	0.964	1.00	mg/L	97	96	1 %
		Calcium	EPA 200.7	1107275-001	25.3	36.5	36.2	10.0	mg/L	112	109	1 %
		Chromium	EPA 200.7	1107275-001	<0.005	0.949	0.950	1.00	mg/L	95	95	<1%
		Cobalt	EPA 200.7	1107275-001	<0.010	0.956	0.954	1.00	mg/L	96	95	<1%
		Copper	EPA 200.7	1107275-001	<0.050	5.08	5.04	5.00	mg/L	102	101	1 %
		Gallium	EPA 200.7	1107275-001	<0.100	0.878	0.890	1.00	mg/L	88	89	1 %
		Iron	EPA 200.7	1107275-001	0.084	1.02	0.987	1.00	mg/L	94	90	3 %
		Lithium	EPA 200.7	1107275-001	1.57	2.72	2.71	1.00	mg/L	115	114	<1%
		Magnesium	EPA 200.7	1107275-001	0.802	10.7	10.4	10.0	mg/L	99	96	3 %
		Manganese	EPA 200.7	1107275-001	0.029	0.987	0.985	1.00	mg/L	96	96	<1%
		Molybdenum	EPA 200.7	1107275-001	<0.010	0.962	0.961	1.00	mg/L	97	97	<1%
		Nickel	EPA 200.7	1107275-001	<0.010	4.82	4.80	5.00	mg/L	96	96	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11070629	MS 1	Phosphorus	EPA 200.7	1107275-001	<0.500	5.14	5.06	5.00	mg/L	102	100	2 %
		Potassium	EPA 200.7	1107275-001	72.2	SC 89.9	89.7	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1107275-001	<0.100	0.970	0.980	1.00	mg/L	97	98	1 %
		Silver	EPA 200.7	1107275-001	<0.005	0.089	0.089	0.090	mg/L	98	99	<1%
		Sodium	EPA 200.7	1107275-001	805	SC 862	850	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1107275-001	1.27	2.30	2.28	1.00	mg/L	103	101	1 %
		Tin	EPA 200.7	1107275-001	<0.100	0.933	0.930	1.00	mg/L	96	95	<1%
		Titanium	EPA 200.7	1107275-001	<0.100	0.985	0.979	1.00	mg/L	98	98	1 %
		Vanadium	EPA 200.7	1107275-001	<0.010	0.974	0.976	1.00	mg/L	97	97	<1%
		Zinc	EPA 200.7	1107275-001	<0.010	1.00	0.992	1.00	mg/L	100	99	1 %
		Aluminum	EPA 200.7	1107275-003	<0.045	0.915	0.960	1.00	mg/L	88	92	5 %
		Barium	EPA 200.7	1107275-003	0.100	1.04	1.06	1.00	mg/L	94	96	2 %
		Beryllium	EPA 200.7	1107275-003	<0.001	0.980	1.00	1.00	mg/L	98	100	2 %
		Bismuth	EPA 200.7	1107275-003	<0.100	0.924	0.933	1.00	mg/L	93	94	1 %
		Boron	EPA 200.7	1107275-003	5.19	6.17	6.44	1.00	mg/L	98	125	4 %
		Cadmium	EPA 200.7	1107275-003	<0.001	0.960	0.979	1.00	mg/L	96	98	2 %
		Calcium	EPA 200.7	1107275-003	25.3	35.8	35.9	10.0	mg/L	105	106	<1%
		Chromium	EPA 200.7	1107275-003	<0.005	0.929	0.952	1.00	mg/L	93	95	2 %
		Cobalt	EPA 200.7	1107275-003	<0.010	0.947	0.961	1.00	mg/L	95	96	1 %
		Copper	EPA 200.7	1107275-003	<0.050	4.92	5.07	5.00	mg/L	98	101	3 %
		Gallium	EPA 200.7	1107275-003	<0.100	0.860	0.885	1.00	mg/L	86	88	3 %
		Iron	EPA 200.7	1107275-003	0.062	1.04	1.03	1.00	mg/L	98	97	1 %
		Lithium	EPA 200.7	1107275-003	1.62	2.75	2.74	1.00	mg/L	113	112	<1%
QC11070633	MS 1	Magnesium	EPA 200.7	1107275-003	0.890	10.7	10.6	10.0	mg/L	98	97	1 %
		Manganese	EPA 200.7	1107275-003	0.030	0.961	0.990	1.00	mg/L	93	96	3 %
		Molybdenum	EPA 200.7	1107275-003	<0.010	0.953	0.972	1.00	mg/L	96	97	2 %
		Nickel	EPA 200.7	1107275-003	<0.010	4.76	4.85	5.00	mg/L	95	97	2 %
		Phosphorus	EPA 200.7	1107275-003	<0.500	5.09	5.18	5.00	mg/L	100	102	2 %
		Potassium	EPA 200.7	1107275-003	74.1	SC 89.3	89.9	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1107275-003	<0.100	0.953	0.977	1.00	mg/L	95	98	2 %
		Silver	EPA 200.7	1107275-003	<0.005	0.087	0.089	0.090	mg/L	97	99	2 %
		Sodium	EPA 200.7	1107275-003	830	SC 837	876	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1107275-003	1.29	2.28	2.28	1.00	mg/L	99	99	<1%
		Tin	EPA 200.7	1107275-003	<0.100	0.914	0.931	1.00	mg/L	94	96	2 %
		Titanium	EPA 200.7	1107275-003	<0.100	0.979	0.978	1.00	mg/L	98	98	<1%
		Vanadium	EPA 200.7	1107275-003	<0.010	0.962	0.980	1.00	mg/L	96	98	2 %
		Zinc	EPA 200.7	1107275-003	<0.010	0.995	1.01	1.00	mg/L	100	101	1 %
QC11070634	MS 1	Mercury	EPA 200.8	1107275-001	0.000175	0.001358	0.001406	0.001	mg/L	118	123	3 %
		Antimony	EPA 200.8	1107275-001	0.0080	0.0184	0.0188	0.010	mg/L	104	108	2 %
		Arsenic	EPA 200.8	1107275-001	0.0169	0.0561	0.0551	0.050	mg/L	78	76	2 %
		Lead	EPA 200.8	1107275-001	<0.0025	0.0111	0.0114	0.010	mg/L	111	114	3 %
		Selenium	EPA 200.8	1107275-001	0.0058	M 0.0392	0.0365	0.050	mg/L	NC	NC	NC
		Thallium	EPA 200.8	1107275-001	0.0013	0.0122	0.0125	0.010	mg/L	109	112	2 %
		Uranium	EPA 200.8	1107275-001	<0.0100	0.0112	0.0113	0.010	mg/L	112	113	1 %
QC11070639	MS 1	Mercury	EPA 200.8	1107275-003	0.000316	0.001397	0.001492	0.001	mg/L	108	118	7 %
		Antimony	EPA 200.8	1107275-003	0.0080	0.0185	0.0185	0.010	mg/L	105	105	<1%
		Arsemic	EPA 200.8	1107275-003	0.0154	0.0518	0.0516	0.050	mg/L	73	72	<1%
		Lead	EPA 200.8	1107275-003	<0.0025	0.0114	0.0114	0.010	mg/L	114	114	<1%
		Selenium	EPA 200.8	1107275-003	<0.0050	M 0.0340	0.0324	0.050	mg/L	NC	NC	NC
		Thallium	EPA 200.8	1107275-003	0.0011	0.0120	0.0120	0.010	mg/L	109	109	<1%
QC11070639	MS 1	Uranium	EPA 200.8	1107275-003	<0.0100	0.0116	0.0117	0.010	mg/L	116	117	1 %
		Aluminum	EPA 200.7	1107319-001	0.107	1.12	1.20	1.00	mg/L	101	109	7 %
		Barium	EPA 200.7	1107319-001	0.244	1.18	1.21	1.00	mg/L	94	97	3 %
		Beryllium	EPA 200.7	1107319-001	<0.001	0.965	0.980	1.00	mg/L	96	98	2 %
		Bismuth	EPA 200.7	1107319-001	<0.100	0.941	0.955	1.00	mg/L	95	96	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11070640	MS 1	Boron	EPA 200.7	1107319-001	0.211	1.18	1.21	1.00	mg/L	97	100	3 %
		Cadmium	EPA 200.7	1107319-001	<0.001	0.961	0.972	1.00	mg/L	96	97	1 %
		Calcium	EPA 200.7	1107319-001	66.8	76.8	75.7	10.0	mg/L	100	89	1 %
		Chromium	EPA 200.7	1107319-001	<0.005	0.935	0.957	1.00	mg/L	93	96	2 %
		Cobalt	EPA 200.7	1107319-001	<0.010	0.948	0.961	1.00	mg/L	95	96	1 %
		Copper	EPA 200.7	1107319-001	<0.050	4.69	4.85	5.00	mg/L	94	97	3 %
		Gallium	EPA 200.7	1107319-001	<0.100	0.923	0.953	1.00	mg/L	92	95	3 %
		Iron	EPA 200.7	1107319-001	6.15	SC	7.46	7.48	1.00	mg/L	NC	NC
		Lithium	EPA 200.7	1107319-001	<0.100	0.975	0.972	1.00	mg/L	96	96	<1%
		Magnesium	EPA 200.7	1107319-001	26.9	35.4	35.2	10.0	mg/L	85	83	1 %
		Manganese	EPA 200.7	1107319-001	0.367	1.29	1.33	1.00	mg/L	92	96	3 %
		Molybdenum	EPA 200.7	1107319-001	0.026	0.994	1.01	1.00	mg/L	97	98	2 %
		Nickel	EPA 200.7	1107319-001	<0.010	4.75	4.81	5.00	mg/L	95	96	1 %
		Phosphorus	EPA 200.7	1107319-001	<0.500	5.05	5.12	5.00	mg/L	99	100	1 %
		Potassium	EPA 200.7	1107319-001	4.47	14.9	15.0	10.0	mg/L	104	105	1 %
		Scandium	EPA 200.7	1107319-001	<0.100	0.946	0.974	1.00	mg/L	95	97	3 %
		Silver	EPA 200.7	1107319-001	<0.005	0.084	0.086	0.090	mg/L	94	96	2 %
		Sodium	EPA 200.7	1107319-001	61.9	71.0	71.4	10.0	mg/L	91	95	1 %
		Strontium	EPA 200.7	1107319-001	0.685	1.63	1.65	1.00	mg/L	94	96	1 %
		Tin	EPA 200.7	1107319-001	<0.100	0.917	0.929	1.00	mg/L	97	98	1 %
		Titanium	EPA 200.7	1107319-001	<0.100	1.00	1.01	1.00	mg/L	99	100	1 %
		Vanadium	EPA 200.7	1107319-001	0.028	0.987	1.01	1.00	mg/L	96	98	2 %
		Zinc	EPA 200.7	1107319-001	0.017	1.01	1.01	1.00	mg/L	99	99	<1%
QC11070664	MS 1	Aluminum	EPA 200.7	1107319-002	0.074	1.05	1.04	1.00	mg/L	98	97	1 %
		Barium	EPA 200.7	1107319-002	0.235	1.19	1.18	1.00	mg/L	96	94	1 %
		Beryllium	EPA 200.7	1107319-002	<0.001	0.973	0.978	1.00	mg/L	97	98	1 %
		Bismuth	EPA 200.7	1107319-002	<0.100	0.942	0.948	1.00	mg/L	96	96	1 %
		Boron	EPA 200.7	1107319-002	0.207	1.17	1.17	1.00	mg/L	96	96	<1%
		Cadmium	EPA 200.7	1107319-002	<0.001	0.968	0.961	1.00	mg/L	97	96	1 %
		Calcium	EPA 200.7	1107319-002	67.6	77.9	76.6	10.0	mg/L	103	90	2 %
		Chromium	EPA 200.7	1107319-002	<0.005	0.940	0.938	1.00	mg/L	94	94	<1%
		Cobalt	EPA 200.7	1107319-002	<0.010	0.962	0.957	1.00	mg/L	96	96	1 %
		Copper	EPA 200.7	1107319-002	<0.050	4.66	4.66	5.00	mg/L	93	93	<1%
		Gallium	EPA 200.7	1107319-002	<0.100	0.919	0.918	1.00	mg/L	92	92	<1%
		Iron	EPA 200.7	1107319-002	6.18	SC	7.55	7.40	1.00	mg/L	NC	NC
		Lithium	EPA 200.7	1107319-002	<0.100	0.980	0.979	1.00	mg/L	96	96	<1%
		Magnesium	EPA 200.7	1107319-002	27.1	36.9	36.8	10.0	mg/L	98	97	<1%
		Manganese	EPA 200.7	1107319-002	0.354	1.30	1.30	1.00	mg/L	95	95	<1%
		Molybdenum	EPA 200.7	1107319-002	0.025	0.995	0.996	1.00	mg/L	97	97	<1%
		Nickel	EPA 200.7	1107319-002	<0.010	4.81	4.78	5.00	mg/L	96	96	1 %
		Phosphorus	EPA 200.7	1107319-002	<0.500	5.10	5.11	5.00	mg/L	101	101	<1%
		Potassium	EPA 200.7	1107319-002	4.47	15.0	14.9	10.0	mg/L	105	104	1 %
		Scandium	EPA 200.7	1107319-002	<0.100	0.950	0.957	1.00	mg/L	95	96	1 %
		Silver	EPA 200.7	1107319-002	<0.005	0.081	0.081	0.090	mg/L	91	91	<1%
		Sodium	EPA 200.7	1107319-002	63.2	73.4	72.0	10.0	mg/L	102	88	2 %
		Strontium	EPA 200.7	1107319-002	0.688	1.66	1.63	1.00	mg/L	97	94	2 %
		Tin	EPA 200.7	1107319-002	<0.100	0.938	0.939	1.00	mg/L	99	99	<1%
		Titanium	EPA 200.7	1107319-002	<0.100	1.00	0.991	1.00	mg/L	99	98	1 %
		Vanadium	EPA 200.7	1107319-002	0.028	0.990	0.987	1.00	mg/L	96	96	<1%
		Zinc	EPA 200.7	1107319-002	<0.010	1.02	1.01	1.00	mg/L	101	100	1 %
QC11070664	MS 1	Mercury	EPA 200.8	1107319-001	<0.00010	0.001225	0.001176	0.001	mg/L	122	118	4 %
		Antimony	EPA 200.8	1107319-001	<0.0025	0.0110	0.0109	0.010	mg/L	107	105	1 %
		Arsenic	EPA 200.8	1107319-001	0.0046	0.0596	0.0582	0.050	mg/L	110	107	2 %
		Lead	EPA 200.8	1107319-001	<0.0025	0.0117	0.0115	0.010	mg/L	114	112	2 %
		Selenium	EPA 200.8	1107319-001	<0.0050	0.0510	0.0498	0.050	mg/L	102	100	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11070665	MS 1	Thallium	EPA 200.8	1107319-001	<0.0010	0.0112	0.0109	0.010	mg/L	112	109	3 %
		Uranium	EPA 200.8	1107319-001	<0.0100	0.0153	0.0150	0.010	mg/L	119	116	2 %
		Mercury	EPA 200.8	1107319-002	<0.00010	0.001172	0.001181	0.001	mg/L	117	118	1 %
		Antimony	EPA 200.8	1107319-002	<0.0025	0.0105	0.0102	0.010	mg/L	102	99	3 %
		Arsenic	EPA 200.8	1107319-002	0.0037	0.0590	0.0554	0.050	mg/L	111	104	6 %
		Lead	EPA 200.8	1107319-002	<0.0025	0.0114	0.0113	0.010	mg/L	112	111	1 %
		Selenium	EPA 200.8	1107319-002	<0.0050	0.0488	0.0470	0.050	mg/L	97	93	4 %
		Thallium	EPA 200.8	1107319-002	<0.0010	0.0109	0.0106	0.010	mg/L	109	106	3 %
		Uranium	EPA 200.8	1107319-002	<0.0100	0.0144	0.0143	0.010	mg/L	117	117	1 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

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tel (775) 355-0202 | fax (775) 355-0917 | www.WETLaboratory.com

Lab Number

1107281

Report

07/29/11

Due Date:

Page 1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name Robert

Fax 775-356-8917

Project Name

P.O. Number

Project Number 3438

Email mli@mettest.com

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water
WW = Wastewater
SW = Surface Water
MW = Monitoring Well

SD = Solid
SO = Soil
HW = Hazardous Waste
OTHER: _____

Sample ID	Wk:24	7/15/11	9:00	WW	2	X	X	Profile II w/o VVad	Uranium		Spl. No.
604 562											1
604 569											2
604 606											3
604 653											4
604 656											5
604 669											6
604 673											7
604 767											8
604 787											9
604 811											10
604 854											11
604 862											12

Instructions/Comments/Special Requirements:

Temperature	24°C	7/15	BB	1. Normal	10 Below 0
Custody Seals Intact?	Y N None				
Number of Containers	42				

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



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Lab Number 1107281

Report

Due Date:

07/29/11

Page 2 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water
WW = Wastewater
SW = Surface Water
MW = Monitoring Well

SD = Solid
SO = Soil
HW = Hazardous Waste
OTHER: _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Sample ID	Wk:24	7/15/11	9:00	WW	2	X	X	Profile II w/o Rad	Uranium	Spl. No.
604 867										3
605 033										4
605 153										5
SRK 0854										6
SRK 0858										7
SRK 0864										8
SRK 0866										9
SRK 0867										10
SRK 0872	↓	↓	↓	↓	↓	↓	↓			11

Instructions/Comments/Special Requirements:

Temperature 24°C 7/15 B35 S. Marano CBaum

Custody Seals Intact? Y N None

Number of Containers 42

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

7/6/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1106342

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 6/17/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1106342

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1106342-013 Nitrite Nitrogen, Chloride
1106342-014 Molybdenum
1106342-015 Aluminum
1106342-017 Nitrite Nitrogen, Chloride, Cadmium
1106342-018 Potassium
1106342-021 Iron

The reporting limits have been adjusted accordingly.

Due to a laboratory oversight the analysis for Total Dissolved Solids (TDS) on samples 1106342-009, 015, 018, and 019 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
 1016 Greg Street
 Sparks, NV 89431
 Attn: Gene McClelland
 Phone: (775) 356-1300 Fax: (775) 356-8917
 PO\Project: 3438

Date Printed: 7/6/2011
 OrderID: 1106342

Customer Sample ID: 604 562 WK:20
 WETLAB Sample ID: 1106342-001

Collect Date/Time: 6/17/2011 09:00
 Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.83	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	70	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/17/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	6/17/2011
Sulfate	EPA 300.0	87	SC mg/L	1.0	6/17/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/17/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/17/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.021	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	44	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	7.5	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.28	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	6/24/2011

Customer Sample ID: 604 562 WK:20
 WETLAB Sample ID: 1106342-001

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.54	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.38	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	0.022	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	0.0027	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	3.02	meq/L	0.10	
Cations	Calculation	2.90	meq/L	0.10	
Error	Calculation	1.9	%	1.0	

Customer Sample ID: 604 569 WK:20

WETLAB Sample ID: 1106342-002

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.76	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	32	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.0	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	22	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	56	mg/L	10	6/21/2011
Aluminum	EPA 200.7	0.069	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011

Customer Sample ID: 604 569 WK:20
 WETLAB Sample ID: 1106342-002

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	14	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	3.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.061	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.60	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	6/21/2011
Anions	Calculation	1.13	meq/L	0.10	
Cations	Calculation	1.06	meq/L	0.10	
Error	Calculation	3.6	%	1.0	

Customer Sample ID: 604 606 WK:20
 WETLAB Sample ID: 1106342-003

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.07	pH Units		6/17/2011
Bicarbonate (HCO3)	SM 2320B	69	mg/L	1.0	6/17/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011

Customer Sample ID: 604 606 WK:20

WETLAB Sample ID: 1106342-003

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	37	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	94 Q	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.038	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	29	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	5.0	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.045	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.8	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.92	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.27	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.013	mg/L	0.010	6/21/2011

Customer Sample ID: 604 606 WK:20
 WETLAB Sample ID: 1106342-003

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	1.98	meq/L	0.10	
Cations	Calculation	1.97	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 653 WK:20
 WETLAB Sample ID: 1106342-004

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.81	pH Units		6/17/2011
Bicarbonate (HCO3)	SM 2320B	40	mg/L	1.0	6/17/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	33	mg/L as CaCO3	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.0	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	55	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.044	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	28	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	2.9	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.014	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.5	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011

Customer Sample ID: 604 653 WK:20

WETLAB Sample ID: 1106342-004

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	0.83	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	1.85	meq/L	0.10	
Cations	Calculation	1.74	meq/L	0.10	
Error	Calculation	3.1	%	1.0	

Customer Sample ID: 604 656 WK:20

WETLAB Sample ID: 1106342-005

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.15	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	86	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	71	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	41	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	31	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011

Customer Sample ID: 604 656 WK:20
 WETLAB Sample ID: 1106342-005

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	6.0	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.079	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.045	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	4.2	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.65	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.31	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.017	mg/L	0.010	6/21/2011
Anions	Calculation	2.35	meq/L	0.10	
Cations	Calculation	2.18	meq/L	0.10	
Error	Calculation	3.8	%	1.0	

Customer Sample ID: 604 669 WK:20
 WETLAB Sample ID: 1106342-006

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.00	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	68	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011

Customer Sample ID: 604 669 WK:20
 WETLAB Sample ID: 1106342-006

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.77	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	54	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.012	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	32	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	4.9	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.60	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	3.5	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.80	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.019	mg/L	0.010	6/21/2011
Anions	Calculation	2.28	meq/L	0.10	
Cations	Calculation	2.15	meq/L	0.10	

Customer Sample ID: 604 669 WK:20
 WETLAB Sample ID: 1106342-006

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 673 WK:20
 WETLAB Sample ID: 1106342-007

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.98	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	5.7	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	4.7	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	0.33	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	20	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	62	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.035	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	7.0	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	0.95	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.019	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.014	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.66	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011

Customer Sample ID: 604 673 WK:20
 WETLAB Sample ID: 1106342-007

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	0.53	meq/L	0.10	
Cations	Calculation	0.51	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 767 WK:20
 WETLAB Sample ID: 1106342-008

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.71	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	31	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	26	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	2.5	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	91	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.035	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	32	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011

Customer Sample ID: 604 767 WK:20
 WETLAB Sample ID: 1106342-008

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	8.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.40	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	0.016	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	0.015	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.012	mg/L	0.010	6/21/2011
Anions	Calculation	2.53	meq/L	0.10	
Cations	Calculation	2.39	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 787 WK:20

Collect Date/Time: 6/17/2011 09:00

WETLAB Sample ID: 1106342-009

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B.	7.99	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	68	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	39	mg/L	1.0	6/18/2011

Customer Sample ID: 604 787 WK:20
 WETLAB Sample ID: 1106342-009

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	120	HT mg/L	10	6/30/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	29	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.092	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.041	mg/L	0.010	6/21/2011
Anions	Calculation	1.99	meq/L	0.10	
Cations	Calculation	1.89	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Customer Sample ID: 604 811 WK:20

WETLAB Sample ID: 1106342-010

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.14	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	91	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	75	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	35	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	31	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	6.9	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.027	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.40	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011

Customer Sample ID: 604 811 WK:20

Collect Date/Time: 6/17/2011 09:00

WETLAB Sample ID: 1106342-010

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	0.0063	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.012	mg/L	0.010	6/21/2011
Anions	Calculation	2.34	meq/L	0.10	
Cations	Calculation	2.17	meq/L	0.10	
Error	Calculation	3.6	%	1.0	

Customer Sample ID: 604 854 WK:20

Collect Date/Time: 6/17/2011 09:00

WETLAB Sample ID: 1106342-011

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.97	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	40	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.028	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	28	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	5.3	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.14	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011

Customer Sample ID: 604 854 WK:20
 WETLAB Sample ID: 1106342-011

Collect Date/Time: 6/17/2011 09:00
 Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	0.012	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	2.10	meq/L	0.10	
Cations	Calculation	1.91	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Customer Sample ID: 604 862 WK:20
 WETLAB Sample ID: 1106342-012

Collect Date/Time: 6/17/2011 09:00
 Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.25	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	230	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	190	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	25	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.011	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011

Customer Sample ID: 604 862 WK:20
 WETLAB Sample ID: 1106342-012

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	64	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	9.8	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.064	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.54	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.97	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	0.017	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	4.43	meq/L	0.10	
Cations	Calculation	4.08	meq/L	0.10	
Error	Calculation	4.1	%	1.0	

Customer Sample ID: 604 867 WK:20
 WETLAB Sample ID: 1106342-013

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.78	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	6/17/2011

Customer Sample ID: 604 867 WK:20

WETLAB Sample ID: 1106342-013

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	6/18/2011
Fluoride	EPA 300.0	1.7	mg/L	0.20	6/18/2011
Sulfate	EPA 300.0	190	mg/L	2.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	390 Q	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.012	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	91	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	0.069	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	3.1	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.16	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.48	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011

Customer Sample ID: 604 867 WK:20
 WETLAB Sample ID: 1106342-013

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	5.18	meq/L	0.10	
Cations	Calculation	4.87	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 605 033 WK:20
 WETLAB Sample ID: 1106342-014

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.94	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	55	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	45	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	2.0	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	39	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	6/21/2011
Aluminum	EPA 200.7	0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.023	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	29	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.072	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	6/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.5	mg/L	0.50	6/24/2011

Customer Sample ID: 605 033 WK:20

WETLAB Sample ID: 1106342-014

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.69	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.016	mg/L	0.010	6/21/2011
Anions	Calculation	1.82	meq/L	0.10	
Cations	Calculation	1.75	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Customer Sample ID: 605 153 WK:20

WETLAB Sample ID: 1106342-015

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.94	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	53	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	43	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	15	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	61	HT mg/L	10	6/30/2011
Aluminum	EPA 200.7	<0.22	mg/L	0.22	6/27/2011
Barium	EPA 200.7	0.11	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011

Customer Sample ID: 605 153 WK:20
 WETLAB Sample ID: 1106342-015

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	17	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.032	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	2.3	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.72	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	1.1	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	6/21/2011
Anions	Calculation	1.25	meq/L	0.10	
Cations	Calculation	1.14	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: SRK 0854 WK:20

WETLAB Sample ID: 1106342-016

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.03	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011

Customer Sample ID: SRK 0854 WK:20
 WETLAB Sample ID: 1106342-016

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	0.29	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	140	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	6/21/2011
Aluminum	EPA 200.7	0.17	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	0.0038	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	24	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	0.011	mg/L	0.010	6/24/2011
Copper	EPA 200.7	42	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.36	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	0.11	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	0.27	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	0.0087	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011

Customer Sample ID: SRK 0854 WK:20
 WETLAB Sample ID: 1106342-016

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.93	meq/L	0.10	
Cations	Calculation	2.72	meq/L	0.10	
Error	Calculation	3.7	%	1.0	

Customer Sample ID: SRK 0858 WK:20
 WETLAB Sample ID: 1106342-017

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.06	pH Units		6/17/2011
Acidity (Titrimetric)	SM 2310B	120	mg/L as CaCO ₃		6/17/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	6/18/2011
Fluoride	EPA 300.0	2.3	mg/L	0.20	6/18/2011
Sulfate	EPA 300.0	180	mg/L	2.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	6/21/2011
Aluminum	EPA 200.7	4.9	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	0.0014	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	6/27/2011
Calcium	EPA 200.7	21	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	0.0061	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	0.036	mg/L	0.010	6/24/2011
Copper	EPA 200.7	16	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	4.5	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	1.4	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011

Customer Sample ID: SRK 0858 WK:20
 WETLAB Sample ID: 1106342-017

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	0.064	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	0.0083	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	0.045	mg/L	0.010	6/21/2011
Anions	Calculation	3.87	meq/L	0.10	
Cations	Calculation	3.80	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0864 WK:20
 WETLAB Sample ID: 1106342-018

Collect Date/Time: 6/17/2011 09:00
 Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.90	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	35	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	29	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	0.51	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	4.7	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	70	HT mg/L	10	6/30/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	8.9	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011

Customer Sample ID: SRK 0864 WK:20
 WETLAB Sample ID: 1106342-018

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	<2.5	mg/L	2.5	6/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	0.91	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/23/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/23/2011
Anions	Calculation	0.70	meq/L	0.10	
Cations	Calculation	0.64	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: SRK 0866 WK:20

Collect Date/Time: 6/17/2011 09:00

WETLAB Sample ID: 1106342-019

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.98	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	5.7	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	4.6	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	0.56	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	22	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011

Customer Sample ID: SRK 0866 WK:20
 WETLAB Sample ID: 1106342-019

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	57 HT	mg/L	10	6/30/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	8.0	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	0.83	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	1.9	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/23/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/23/2011
Anions	Calculation	0.58	meq/L	0.10	
Cations	Calculation	0.52	meq/L	0.10	
Error	Calculation	5.9	%	1.0	

Customer Sample ID: SRK 0867 WK:20
 WETLAB Sample ID: 1106342-020

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.55	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	22	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	18	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	48	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	0.011	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	23	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	0.061	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	1.6	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.027	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.020	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	0.91	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	0.0069	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011

Customer Sample ID: SRK 0867 WK:20
 WETLAB Sample ID: 1106342-020

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/23/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/23/2011
Anions	Calculation	1.43	meq/L	0.10	
Cations	Calculation	1.31	meq/L	0.10	
Error	Calculation	4.5	%	1.0	

Customer Sample ID: SRK 0872 WK:20
 WETLAB Sample ID: 1106342-021

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	7.52	pH Units		6/17/2011
Bicarbonate (HCO ₃)	SM 2320B	25	mg/L	1.0	6/17/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	6/17/2011
Total Alkalinity	SM 2320B	20	mg/L as CaCO ₃	1.0	6/17/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	6/18/2011
Fluoride	EPA 300.0	0.75	mg/L	0.10	6/18/2011
Sulfate	EPA 300.0	64	mg/L	1.0	6/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	6/18/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	6/18/2011
Total Dissolved Solids (TDS)	SM 2540C	160	Q mg/L	10	6/21/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	6/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	6/24/2011
Calcium	EPA 200.7	32	mg/L	0.50	6/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	6/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	6/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Magnesium	EPA 200.7	0.56	mg/L	0.50	6/24/2011
Manganese	EPA 200.7	0.033	mg/L	0.0050	6/24/2011
Molybdenum	EPA 200.7	0.079	mg/L	0.010	6/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	6/24/2011

Customer Sample ID: SRK 0872 WK:20
 WETLAB Sample ID: 1106342-021

Collect Date/Time: 6/17/2011 09:00

Receive Date: 6/17/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	6/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	6/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	6/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	6/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	6/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	6/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	6/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	6/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	6/23/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	6/21/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/21/2011
Anions	Calculation	1.78	meq/L	0.10	
Cations	Calculation	1.64	meq/L	0.10	
Error	Calculation	4.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1106606	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1106606	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1106606	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1106607	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1106607	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1106607	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1106608	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1106608	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1106608	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1106609	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1106609	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1106609	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1106610	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1106610	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1106610	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1106611	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1106611	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1106612	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1106612	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1106612	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1106613	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1106613	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1106622	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1106622	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1106622	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1106623	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1106623	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1106623	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1106709	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1106710	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1106711	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1106772	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1106772	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1106772	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1106830	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
QC1106831	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1106832	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
QCBatchID	QCType	Parameter	Method	Result	Actual
QC1106606	LCS 1	Fluoride	EPA 300.0	2.06	2.00
QC1106607	LCS 1	Fluoride	EPA 300.0	2.06	2.00
QC1106608	LCS 1	Chloride	EPA 300.0	10.3	10.0
QC1106609	LCS 1	Chloride	EPA 300.0	10.3	10.0
QC1106610	LCS 1	Nitrite Nitrogen	EPA 300.0	0.516	0.500
QC1106611	LCS 1	Nitrite Nitrogen	EPA 300.0	0.516	0.500
QC1106612	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00
QC1106613	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00
QC1106614	LCS 1	pH	SM 4500-H+ B	7.03	7.00
QC1106614	LCS 2	pH	SM 4500-H+ B	7.03	7.00
QC1106614	LCS 3	pH	SM 4500-H+ B	7.03	7.00
QC1106614	LCS 4	pH	SM 4500-H+ B	7.03	7.00
QC1106614	LCS 5	pH	SM 4500-H+ B	7.02	7.00
QC1106621	LCS 1	Alkalinity	SM 2320B	96.2	100
QC1106621	LCS 2	Alkalinity	SM 2320B	95.5	100
QC1106621	LCS 3	Alkalinity	SM 2320B	96.0	100
QC1106621	LCS 4	Alkalinity	SM 2320B	95.6	100
QC1106622	LCS 1	Sulfate	EPA 300.0	24.0	25.0
QC1106623	LCS 1	Sulfate	EPA 300.0	24.0	25.0
QC1106709	LCS 1	Mercury	EPA 200.8	0.000860	0.001
		Antimony	EPA 200.8	0.0087	0.010
		Arsenic	EPA 200.8	0.0464	0.050
		Lead	EPA 200.8	0.0093	0.010
		Selenium	EPA 200.8	0.0504	0.050
		Thallium	EPA 200.8	0.0092	0.010
		Uranium	EPA 200.8	0.0101	0.010
QC1106710	LCS 1	Mercury	EPA 200.8	0.000860	0.001

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1106711	LCS 1	Antimony	EPA 200.8	0.0087	0.010	87	mg/L
		Arsenic	EPA 200.8	0.0464	0.050	93	mg/L
		Lead	EPA 200.8	0.0093	0.010	93	mg/L
		Selenium	EPA 200.8	0.0504	0.050	101	mg/L
		Thallium	EPA 200.8	0.0092	0.010	92	mg/L
		Uranium	EPA 200.8	0.0101	0.010	101	mg/L
		Mercury	EPA 200.8	0.000869	0.001	87	mg/L
		Antimony	EPA 200.8	0.0092	0.010	92	mg/L
		Arsenic	EPA 200.8	0.0503	0.050	101	mg/L
		Lead	EPA 200.8	0.0094	0.010	94	mg/L
		Selenium	EPA 200.8	0.0497	0.050	99	mg/L
		Thallium	EPA 200.8	0.0091	0.010	91	mg/L
		Uranium	EPA 200.8	0.0104	0.010	104	mg/L
QC1106772	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L
QC1106772	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC1106772	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC1106830	LCS 1	Aluminum	EPA 200.7	0.930	1.00	93	mg/L
		Barium	EPA 200.7	0.927	1.00	93	mg/L
		Beryllium	EPA 200.7	0.925	1.00	92	mg/L
		Bismuth	EPA 200.7	0.963	1.00	96	mg/L
		Boron	EPA 200.7	0.863	1.00	86	mg/L
		Cadmium	EPA 200.7	0.911	1.00	91	mg/L
		Calcium	EPA 200.7	9.75	10.0	98	mg/L
		Chromium	EPA 200.7	0.916	1.00	92	mg/L
		Cobalt	EPA 200.7	0.923	1.00	92	mg/L
		Copper	EPA 200.7	4.57	5.00	91	mg/L
		Gallium	EPA 200.7	0.933	1.00	93	mg/L
		Iron	EPA 200.7	0.972	1.00	97	mg/L
		Lithium	EPA 200.7	0.880	1.00	88	mg/L
		Magnesium	EPA 200.7	9.58	10.0	96	mg/L
		Manganese	EPA 200.7	0.918	1.00	92	mg/L
		Molybdenum	EPA 200.7	0.926	1.00	93	mg/L
		Nickel	EPA 200.7	4.59	5.00	92	mg/L
		Phosphorus	EPA 200.7	4.54	5.00	91	mg/L
		Potassium	EPA 200.7	9.58	10.0	96	mg/L
		Scandium	EPA 200.7	0.943	1.00	94	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.74	10.0	97	mg/L
		Strontium	EPA 200.7	0.991	1.00	99	mg/L
		Tin	EPA 200.7	0.898	1.00	90	mg/L
		Titanium	EPA 200.7	0.987	1.00	99	mg/L
		Vanadium	EPA 200.7	0.926	1.00	93	mg/L
		Zinc	EPA 200.7	0.915	1.00	92	mg/L
QC1106831	LCS 1	Aluminum	EPA 200.7	0.930	1.00	93	mg/L
		Barium	EPA 200.7	0.927	1.00	93	mg/L
		Beryllium	EPA 200.7	0.925	1.00	92	mg/L
		Bismuth	EPA 200.7	0.963	1.00	96	mg/L
		Boron	EPA 200.7	0.863	1.00	86	mg/L
		Cadmium	EPA 200.7	0.911	1.00	91	mg/L
		Calcium	EPA 200.7	9.75	10.0	98	mg/L
		Chromium	EPA 200.7	0.916	1.00	92	mg/L
		Cobalt	EPA 200.7	0.923	1.00	92	mg/L
		Copper	EPA 200.7	4.57	5.00	91	mg/L
		Gallium	EPA 200.7	0.933	1.00	93	mg/L
		Iron	EPA 200.7	0.972	1.00	97	mg/L
		Lithium	EPA 200.7	0.880	1.00	88	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1106832	LCS 1	Magnesium	EPA 200.7	9.58	10.0	96	mg/L
		Manganese	EPA 200.7	0.918	1.00	92	mg/L
		Molybdenum	EPA 200.7	0.926	1.00	93	mg/L
		Nickel	EPA 200.7	4.59	5.00	92	mg/L
		Phosphorus	EPA 200.7	4.54	5.00	91	mg/L
		Potassium	EPA 200.7	9.58	10.0	96	mg/L
		Scandium	EPA 200.7	0.943	1.00	94	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.74	10.0	97	mg/L
		Strontium	EPA 200.7	0.991	1.00	99	mg/L
		Tin	EPA 200.7	0.898	1.00	90	mg/L
		Titanium	EPA 200.7	0.987	1.00	99	mg/L
		Vanadium	EPA 200.7	0.926	1.00	93	mg/L
		Zinc	EPA 200.7	0.915	1.00	92	mg/L
		Aluminum	EPA 200.7	0.967	1.00	97	mg/L
		Barium	EPA 200.7	0.918	1.00	92	mg/L
		Beryllium	EPA 200.7	0.914	1.00	91	mg/L
		Bismuth	EPA 200.7	0.947	1.00	95	mg/L
		Boron	EPA 200.7	0.880	1.00	88	mg/L
		Cadmium	EPA 200.7	0.887	1.00	89	mg/L
		Calcium	EPA 200.7	9.40	10.0	94	mg/L
		Chromium	EPA 200.7	0.908	1.00	91	mg/L
		Cobalt	EPA 200.7	0.904	1.00	90	mg/L
		Copper	EPA 200.7	4.60	5.00	92	mg/L
		Gallium	EPA 200.7	0.934	1.00	93	mg/L
		Iron	EPA 200.7	0.937	1.00	94	mg/L
		Lithium	EPA 200.7	0.891	1.00	89	mg/L
		Magnesium	EPA 200.7	9.01	10.0	90	mg/L
		Manganese	EPA 200.7	0.916	1.00	92	mg/L
		Molybdenum	EPA 200.7	0.936	1.00	94	mg/L
		Nickel	EPA 200.7	4.49	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.42	5.00	88	mg/L
		Potassium	EPA 200.7	9.41	10.0	94	mg/L
		Scandium	EPA 200.7	0.936	1.00	94	mg/L
		Silver	EPA 200.7	0.081	0.090	90	mg/L
		Sodium	EPA 200.7	9.58	10.0	96	mg/L
		Strontium	EPA 200.7	0.968	1.00	97	mg/L
		Tin	EPA 200.7	0.907	1.00	91	mg/L
		Titanium	EPA 200.7	0.990	1.00	99	mg/L
		Vanadium	EPA 200.7	0.915	1.00	92	mg/L
		Zinc	EPA 200.7	0.879	1.00	88	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1106614	Duplicate 1	pH	SM 4500-H+ B	1106317-001	7.65	7.66	pH Units	<1%
QC1106614	Duplicate 2	pH	SM 4500-H+ B	1106317-002	7.72	7.65	pH Units	1 %
QC1106614	Duplicate 3	pH	SM 4500-H+ B	1106319-002	8.24	8.25	pH Units	<1%
QC1106614	Duplicate 4	pH	SM 4500-H+ B	1106325-001	8.00	7.92	pH Units	1 %
QC1106614	Duplicate 5	pH	SM 4500-H+ B	1106332-001	7.89	7.88	pH Units	<1%
QC1106614	Duplicate 6	pH	SM 4500-H+ B	1106333-003	7.95	7.92	pH Units	<1%
QC1106614	Duplicate 7	pH	SM 4500-H+ B	1106338-001	8.16	8.19	pH Units	<1%
QC1106614	Duplicate 8	pH	SM 4500-H+ B	1106339-001	7.50	7.49	pH Units	<1%
QC1106614	Duplicate 9	pH	SM 4500-H+ B	1106343-002	7.74	7.71	pH Units	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1106621	Duplicate 1	Bicarbonate (HCO ₃)	SM 2320B	1106317-001	120	120	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1106317-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106317-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106317-001	98.1	98.0	mg/L as CaCO ₃	<1%
QC1106621	Duplicate 2	Bicarbonate (HCO ₃)	SM 2320B	1106317-002	124	123	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1106317-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106317-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106317-002	102	101	mg/L as CaCO ₃	1 %
QC1106621	Duplicate 3	Bicarbonate (HCO ₃)	SM 2320B	1106319-002	146	146	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1106319-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106319-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106319-002	120	120	mg/L as CaCO ₃	<1%
QC1106621	Duplicate 4	Bicarbonate (HCO ₃)	SM 2320B	1106325-001	181	180	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1106325-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106325-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106325-001	149	148	mg/L as CaCO ₃	1 %
QC1106621	Duplicate 5	Bicarbonate (HCO ₃)	SM 2320B	1106332-001	197	197	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1106332-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106332-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106332-001	162	162	mg/L as CaCO ₃	<1%
QC1106621	Duplicate 6	Bicarbonate (HCO ₃)	SM 2320B	1106333-003	188	187	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1106333-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106333-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106333-003	154	154	mg/L as CaCO ₃	1 %
QC1106621	Duplicate 7	Bicarbonate (HCO ₃)	SM 2320B	1106338-001	144	148	mg/L	3 %
		Carbonate (CO ₃)	SM 2320B	1106338-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106338-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106338-001	118	121	mg/L as CaCO ₃	3 %
QC1106621	Duplicate 8	Bicarbonate (HCO ₃)	SM 2320B	1106339-001	19.7	18.2	mg/L	8 %
		Carbonate (CO ₃)	SM 2320B	1106339-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106339-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106339-001	16.1	14.9	mg/L as CaCO ₃	8 %
QC1106621	Duplicate 9	Bicarbonate (HCO ₃)	SM 2320B	1106343-002	160	160	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1106343-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1106343-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1106343-002	131	131	mg/L as CaCO ₃	<1%
QC1106772	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1106324-001	225	223	mg/L	1 %
QC1106772	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1106326-003	214	226	mg/L	5 %
QC1106772	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1106342-003	94.0	86.0	mg/L	9 %
QC1106772	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1106342-013	390	414	mg/L	6 %
QC1106772	Duplicate 5	Total Dissolved Solids (TDS)	SM 2540C	1106342-021	156	144	mg/L	8 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1106606	MS 1	Fluoride	EPA 300.0	1106198-010	0.494	2.56	2.59	2.00	mg/L	104	105	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1106606	MS 2	Fluoride	EPA 300.0	1106342-001	1.13	3.11	3.13	2.00	mg/L	99	100	1 %
QC1106607	MS 1	Fluoride	EPA 300.0	1106342-010	2.18	3.99	4.01	2.00	mg/L	91	92	<1%
QC1106607	MS 2	Fluoride	EPA 300.0	1106342-019	0.561	2.60	2.63	2.00	mg/L	102	103	1 %
QC1106608	MS 1	Chloride	EPA 300.0	1106198-010	18.8	23.0	22.7	5.00	mg/L	85	77	1 %
QC1106608	MS 2	Chloride	EPA 300.0	1106203-002	30.8	35.3	35.4	5.00	mg/L	89	92	<1%
QC1106609	MS 1	Chloride	EPA 300.0	1106342-010	<1.000	5.25	5.28	5.00	mg/L	103	104	1 %
QC1106609	MS 2	Chloride	EPA 300.0	1106342-019	<1.000	5.26	5.28	5.00	mg/L	104	104	<1%
QC1106610	MS 1	Nitrite Nitrogen	EPA 300.0	1106300-002	<0.025	0.476	0.488	0.500	mg/L	94	96	2 %
QC1106610	MS 2	Nitrite Nitrogen	EPA 300.0	1106342-010	<0.025	0.502	0.504	0.500	mg/L	99	99	<1%
QC1106611	MS 1	Nitrite Nitrogen	EPA 300.0	1106342-019	<0.025	0.512	0.516	0.500	mg/L	101	102	1 %
QC1106612	MS 1	Nitrate Nitrogen	EPA 300.0	1106300-002	<1.000	2.67	2.70	2.00	mg/L	103	105	1 %
QC1106612	MS 2	Nitrate Nitrogen	EPA 300.0	1106342-010	<1.000	2.08	2.09	2.00	mg/L	102	103	<1%
QC1106613	MS 1	Nitrate Nitrogen	EPA 300.0	1106342-019	<1.000	2.07	2.08	2.00	mg/L	102	102	<1%
QC1106622	MS 1	Sulfate	EPA 300.0	1106198-010	22.3	31.9	31.7	10.0	mg/L	95	94	1 %
QC1106622	MS 2	Sulfate	EPA 300.0	1106342-001	87.5	SC	94.9	94.9	mg/L	NC	NC	NC
QC1106623	MS 1	Sulfate	EPA 300.0	1106342-010	35.1	44.3	44.4	10.0	mg/L	92	93	<1%
QC1106623	MS 2	Sulfate	EPA 300.0	1106342-019	21.8	31.3	31.4	10.0	mg/L	96	96	<1%
QC1106709	MS 1	Uranium, Dissolved	EPA 200.8	1106322-001	0.0224	0.0336	0.0321	0.010	mg/L	112	98	5 %
		Mercury, Dissolved	EPA 200.8	1106322-001	<0.00010	0.000934	0.000869	0.001	mg/L	93	87	7 %
		Antimony, Dissolved	EPA 200.8	1106322-001	0.0139	0.0224	0.0222	0.010	mg/L	85	83	1 %
		Arsenic, Dissolved	EPA 200.8	1106322-001	0.0882	0.1412	0.1389	0.050	mg/L	106	101	2 %
		Lead, Dissolved	EPA 200.8	1106322-001	<0.0025	0.0100	0.0096	0.010	mg/L	100	96	4 %
		Selenium, Dissolved	EPA 200.8	1106322-001	<0.0050	0.0592	0.0614	0.050	mg/L	115	120	4 %
		Thallium, Dissolved	EPA 200.8	1106322-001	0.0010	0.0107	0.0103	0.010	mg/L	97	93	4 %
QC1106710	MS 1	Uranium, Dissolved	EPA 200.8	1106322-002	0.0112	0.0212	0.0207	0.010	mg/L	101	95	2 %
		Mercury, Dissolved	EPA 200.8	1106322-002	<0.00010	0.000876	0.000874	0.001	mg/L	88	87	<1%
		Antimony, Dissolved	EPA 200.8	1106322-002	<0.0025	0.0111	0.0106	0.010	mg/L	107	103	5 %
		Arsenic, Dissolved	EPA 200.8	1106322-002	0.0101	0.0611	0.0585	0.050	mg/L	102	97	4 %
		Lead, Dissolved	EPA 200.8	1106322-002	<0.0025	0.0098	0.0096	0.010	mg/L	98	96	2 %
		Selenium, Dissolved	EPA 200.8	1106322-002	<0.0050	0.0493	0.0487	0.050	mg/L	98	97	1 %
		Thallium, Dissolved	EPA 200.8	1106322-002	<0.0010	0.0095	0.0095	0.010	mg/L	95	95	<1%
QC1106711	MS 1	Uranium, Dissolved	EPA 200.8	1106322-003	<0.0100	0.0180	0.0177	0.010	mg/L	111	108	2 %
		Mercury, Dissolved	EPA 200.8	1106322-003	<0.00010	0.001087	0.001107	0.001	mg/L	109	111	2 %
		Antimony, Dissolved	EPA 200.8	1106322-003	<0.0025	0.0112	0.0112	0.010	mg/L	106	106	<1%
		Arsenic, Dissolved	EPA 200.8	1106322-003	0.1275	0.1856	0.1811	0.050	mg/L	116	107	2 %
		Lead, Dissolved	EPA 200.8	1106322-003	<0.0025	0.0100	0.0098	0.010	mg/L	100	98	2 %
		Selenium, Dissolved	EPA 200.8	1106322-003	<0.0050	0.0502	0.0493	0.050	mg/L	100	99	2 %
		Thallium, Dissolved	EPA 200.8	1106322-003	<0.0010	0.0098	0.0097	0.010	mg/L	98	97	1 %
QC1106830	MS 1	Aluminum, Dissolved	EPA 200.7	1106322-001	<0.045	0.966	0.952	1.00	mg/L	92	91	1 %
		Barium, Dissolved	EPA 200.7	1106322-001	0.037	0.951	0.967	1.00	mg/L	91	93	2 %
		Beryllium, Dissolved	EPA 200.7	1106322-001	<0.001	0.936	0.950	1.00	mg/L	94	95	1 %
		Bismuth, Dissolved	EPA 200.7	1106322-001	<0.100	0.917	0.930	1.00	mg/L	96	97	1 %
		Boron, Dissolved	EPA 200.7	1106322-001	0.137	1.10	1.12	1.00	mg/L	96	98	2 %
		Cadmium, Dissolved	EPA 200.7	1106322-001	<0.001	0.885	0.913	1.00	mg/L	89	92	3 %
		Calcium, Dissolved	EPA 200.7	1106322-001	402	411	411	10.0	mg/L	90	90	<1%
		Chromium, Dissolved	EPA 200.7	1106322-001	<0.005	0.931	0.947	1.00	mg/L	93	95	2 %
		Cobalt, Dissolved	EPA 200.7	1106322-001	<0.010	0.924	0.943	1.00	mg/L	92	93	2 %
		Copper, Dissolved	EPA 200.7	1106322-001	<0.050	5.03	5.02	5.00	mg/L	101	100	<1%
		Gallium, Dissolved	EPA 200.7	1106322-001	<0.100	0.943	0.943	1.00	mg/L	94	94	<1%
		Iron, Dissolved	EPA 200.7	1106322-001	0.046	1.01	1.01	1.00	mg/L	96	96	<1%
		Lithium, Dissolved	EPA 200.7	1106322-001	<0.100	1.00	1.02	1.00	mg/L	93	95	2 %
		Magnesium, Dissolved	EPA 200.7	1106322-001	56.4	64.5	65.3	10.0	mg/L	81	89	1 %
		Manganese, Dissolved	EPA 200.7	1106322-001	0.170	1.10	1.12	1.00	mg/L	93	95	2 %
		Molybdenum, Dissolved	EPA 200.7	1106322-001	0.015	0.963	0.974	1.00	mg/L	95	96	1 %
		Nickel, Dissolved	EPA 200.7	1106322-001	0.075	4.63	4.75	5.00	mg/L	91	94	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1106831	MS 1	Phosphorus, Dissolved	EPA 200.7	1106322-001	<0.500	4.78	4.90	5.00	mg/L	97	99	2 %
		Potassium, Dissolved	EPA 200.7	1106322-001	11.6	22.1	22.2	10.0	mg/L	105	106	<1%
		Scandium, Dissolved	EPA 200.7	1106322-001	<0.100	0.957	0.963	1.00	mg/L	96	96	1 %
		Silver, Dissolved	EPA 200.7	1106322-001	<0.005	0.080	0.081	0.090	mg/L	95	96	1 %
		Sodium, Dissolved	EPA 200.7	1106322-001	74.1	84.7	84.2	10.0	mg/L	106	101	1 %
		Strontium, Dissolved	EPA 200.7	1106322-001	1.40	2.39	2.37	1.00	mg/L	99	97	1 %
		Tin, Dissolved	EPA 200.7	1106322-001	<0.100	0.834	0.846	1.00	mg/L	92	94	1 %
		Titanium, Dissolved	EPA 200.7	1106322-001	<0.100	0.974	0.965	1.00	mg/L	98	97	1 %
		Vanadium, Dissolved	EPA 200.7	1106322-001	0.067	1.01	1.02	1.00	mg/L	94	95	1 %
		Zinc, Dissolved	EPA 200.7	1106322-001	0.014	0.919	0.948	1.00	mg/L	90	93	3 %
		Aluminum, Dissolved	EPA 200.7	1106322-002	0.085	1.00	1.04	1.00	mg/L	91	95	4 %
		Barium, Dissolved	EPA 200.7	1106322-002	0.073	0.993	1.03	1.00	mg/L	92	96	4 %
		Beryllium, Dissolved	EPA 200.7	1106322-002	<0.001	0.928	0.966	1.00	mg/L	93	97	4 %
		Bismuth, Dissolved	EPA 200.7	1106322-002	<0.100	0.935	0.956	1.00	mg/L	94	96	2 %
		Boron, Dissolved	EPA 200.7	1106322-002	<0.100	0.951	0.999	1.00	mg/L	92	96	5 %
		Cadmium, Dissolved	EPA 200.7	1106322-002	<0.001	0.883	0.938	1.00	mg/L	88	94	6 %
		Calcium, Dissolved	EPA 200.7	1106322-002	39.7	49.4	49.9	10.0	mg/L	97	102	1 %
		Chromium, Dissolved	EPA 200.7	1106322-002	<0.005	0.906	0.943	1.00	mg/L	91	94	4 %
		Cobalt, Dissolved	EPA 200.7	1106322-002	<0.010	0.905	0.945	1.00	mg/L	90	94	4 %
		Copper, Dissolved	EPA 200.7	1106322-002	<0.050	4.71	4.83	5.00	mg/L	94	97	3 %
		Gallium, Dissolved	EPA 200.7	1106322-002	<0.100	0.931	0.958	1.00	mg/L	93	96	3 %
		Iron, Dissolved	EPA 200.7	1106322-002	0.021	0.992	0.996	1.00	mg/L	97	98	<1%
		Lithium, Dissolved	EPA 200.7	1106322-002	<0.100	0.966	0.957	1.00	mg/L	96	95	1 %
		Magnesium, Dissolved	EPA 200.7	1106322-002	4.97	14.0	14.3	10.0	mg/L	90	93	2 %
		Manganese, Dissolved	EPA 200.7	1106322-002	<0.005	0.900	0.941	1.00	mg/L	91	95	4 %
		Molybdenum, Dissolved	EPA 200.7	1106322-002	<0.010	0.931	0.959	1.00	mg/L	92	95	3 %
		Nickel, Dissolved	EPA 200.7	1106322-002	<0.010	4.46	4.69	5.00	mg/L	89	94	5 %
		Phosphorus, Dissolved	EPA 200.7	1106322-002	<0.500	4.59	4.86	5.00	mg/L	89	95	6 %
		Potassium, Dissolved	EPA 200.7	1106322-002	2.85	13.1	13.0	10.0	mg/L	102	102	1 %
		Scandium, Dissolved	EPA 200.7	1106322-002	<0.100	0.949	0.960	1.00	mg/L	95	96	1 %
		Silver, Dissolved	EPA 200.7	1106322-002	<0.005	0.082	0.084	0.090	mg/L	93	94	2 %
		Sodium, Dissolved	EPA 200.7	1106322-002	16.1	26.5	26.6	10.0	mg/L	104	105	<1%
		Strontium, Dissolved	EPA 200.7	1106322-002	0.228	1.25	1.24	1.00	mg/L	102	101	1 %
		Tin, Dissolved	EPA 200.7	1106322-002	<0.100	0.858	0.900	1.00	mg/L	89	93	5 %
		Titanium, Dissolved	EPA 200.7	1106322-002	<0.100	0.990	0.983	1.00	mg/L	99	98	1 %
		Vanadium, Dissolved	EPA 200.7	1106322-002	0.015	0.939	0.970	1.00	mg/L	92	96	3 %
		Zinc, Dissolved	EPA 200.7	1106322-002	<0.010	0.891	0.955	1.00	mg/L	89	95	7 %
QC1106832	MS 1	Aluminum, Dissolved	EPA 200.7	1106322-003	<0.045	0.906	0.920	1.00	mg/L	88	90	2 %
		Barium, Dissolved	EPA 200.7	1106322-003	<0.010	0.926	0.938	1.00	mg/L	92	93	1 %
		Beryllium, Dissolved	EPA 200.7	1106322-003	<0.001	0.935	0.933	1.00	mg/L	93	93	<1%
		Bismuth, Dissolved	EPA 200.7	1106322-003	<0.100	0.947	0.942	1.00	mg/L	95	95	1 %
		Boron, Dissolved	EPA 200.7	1106322-003	<0.100	0.974	0.999	1.00	mg/L	91	94	3 %
		Cadmium, Dissolved	EPA 200.7	1106322-003	<0.001	0.900	0.917	1.00	mg/L	90	92	2 %
		Calcium, Dissolved	EPA 200.7	1106322-003	57.0	64.4	64.7	10.0	mg/L	74	77	<1%
		Chromium, Dissolved	EPA 200.7	1106322-003	<0.005	0.909	0.919	1.00	mg/L	91	92	1 %
		Cobalt, Dissolved	EPA 200.7	1106322-003	<0.010	0.907	0.920	1.00	mg/L	91	92	1 %
		Copper, Dissolved	EPA 200.7	1106322-003	<0.050	4.63	4.66	5.00	mg/L	93	93	1 %
		Gallium, Dissolved	EPA 200.7	1106322-003	<0.100	0.923	0.937	1.00	mg/L	92	94	2 %
		Iron, Dissolved	EPA 200.7	1106322-003	<0.010	0.970	0.982	1.00	mg/L	96	97	1 %
		Lithium, Dissolved	EPA 200.7	1106322-003	<0.100	0.852	0.939	1.00	mg/L	84	93	10 %
		Magnesium, Dissolved	EPA 200.7	1106322-003	9.30	18.1	18.5	10.0	mg/L	88	92	2 %
		Manganese, Dissolved	EPA 200.7	1106322-003	<0.005	0.897	0.909	1.00	mg/L	90	92	1 %
		Molybdenum, Dissolved	EPA 200.7	1106322-003	<0.010	0.943	0.943	1.00	mg/L	94	94	<1%
		Nickel, Dissolved	EPA 200.7	1106322-003	<0.010	4.50	4.57	5.00	mg/L	90	91	2 %
		Phosphorus, Dissolved	EPA 200.7	1106322-003	<0.500	4.85	4.88	5.00	mg/L	94	94	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Potassium, Dissolved	EPA 200.7	1106322-003	3.80	13.2	13.7	10.0	mg/L	94	99	4 %
		Scandium, Dissolved	EPA 200.7	1106322-003	<0.100	0.940	0.932	1.00	mg/L	94	93	1 %
		Silver, Dissolved	EPA 200.7	1106322-003	<0.005	0.080	0.082	0.090	mg/L	91	93	2 %
		Sodium, Dissolved	EPA 200.7	1106322-003	27.2	35.8	35.8	10.0	mg/L	86	86	<1%
		Strontium, Dissolved	EPA 200.7	1106322-003	0.261	1.23	1.22	1.00	mg/L	97	96	1 %
		Tin, Dissolved	EPA 200.7	1106322-003	<0.100	0.880	0.881	1.00	mg/L	92	92	<1%
		Titanium, Dissolved	EPA 200.7	1106322-003	<0.100	0.975	0.974	1.00	mg/L	97	97	<1%
		Vanadium, Dissolved	EPA 200.7	1106322-003	0.017	0.938	0.947	1.00	mg/L	92	93	1 %
		Zinc, Dissolved	EPA 200.7	1106322-003	<0.010	0.913	0.935	1.00	mg/L	91	93	2 %



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Lab Number 1106342

Report 7/1/11
Due Date:

Page 1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Turnaround Time

Standard 1-3 Days Expedited 24 Hours Other _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Analyses Requested

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water	SD = Solid
WW = Wastewater	SO = Soil
SW = Surface Water	HW = Hazardous Waste
MW = Monitoring Well	OTHER: _____

SAMPLE ID/LOCATION	DATE	TIME	NO. OF CONTAINERS	TYPE	TESTS	Profile II w/o WWd		Uranium		Spl. No.
						Profile II	WWd	Uranium	Uranium	
604 562	Wk:20	6/17/11	9:00	WW	2	X	X			1
604 569										2
604 606										3
604 653										4
604 656										5
604 669										6
604 673										7
604 767										8
604 787										9
604 811										10
604 854										11
604 862	↓	↓	↓	↓	↓	↓	↓	↓	↓	12

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 27 °C	6/17/11	16:15	<i>[Signature]</i>	<i>[Signature]</i>
Custody Seals Intact? Y N None				
Number of Containers 42				

WETLAB's Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1106342

Report 7/1/11
Due Date:

Page 2 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

PO. Number Project Number 3438

Email mli@mettest.com

Turnaround Time

Standard 5 DAY Other

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

Sample Type Codes				
DW = Drinking Water	SD = Solid			
WW = Wastewater	SO = Soil			
SW = Surface Water	HW = Hazardous Waste			
MW = Monitoring Well	OTHER: _____			

SAMPLE ID/LOCATION	DATE	TIME	Analysis Requested										Spt. No.
			T	S	A	M	P	L	E	C	O	N	
604 867	Wk:20	6/17/11	9:00	WW	2	X	X						13
605 033													14
605 153													15
SRK 0854													16
SRK 0858													17
SRK 0864													18
SRK 0866													19
SRK 0867													20
SRK 0872	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	21

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 22 °C	6/17/11	16:15		
Custody Seals Intact? Y N None				
Number of Containers 42				

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

6/7/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1105313

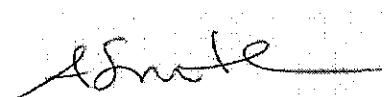
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 5/20/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1105313

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1105313-001,010,011 Vanadium
1105313-004,020 Molybdenum
1105313-017 Cadmium, Arsenic, Selenium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
 1016 Greg Street
 Sparks, NV 89431
 Attn: Gene McClelland
 Phone: (775) 356-1300 Fax: (775) 356-8917
 PO\Project: 3438

Date Printed: 6/7/2011
 OrderID: 1105313

Customer Sample ID: 604 562 WK:16 **Collect Date/Time:** 5/20/2011 09:00
WETLAB Sample ID: 1105313-001 **Receive Date:** 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.80	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	73	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	60	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.0	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	78	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.025	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	43	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	7.9	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.28	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	5/25/2011

Customer Sample ID: 604 562 WK:16

WETLAB Sample ID: 1105313-001

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	5/27/2011
Zinc	EPA 200.7	0.012	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/31/2011
Anions	Calculation	2.87	meq/L	0.10	
Cations	Calculation	2.90	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 569 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-002

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.58	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	35	mg/L	1.0	5/20/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	29	mg/L as CaCO3	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	0.85	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	25	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	66	mg/L	10	5/23/2011
Aluminum	EPA 200.7	0.057	mg/L	0.045	5/25/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismut	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011

Customer Sample ID: 604 569 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-002

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	15	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	3.7	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.073	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	1.8	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.58	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.10	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	5/31/2011
Anions	Calculation	1.14	meq/L	0.10	
Cations	Calculation	1.13	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 606 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-003

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.99	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011

Customer Sample ID: 604 606 WK:16

WETLAB Sample ID: 1105313-003

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	42	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.036	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	30	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	5.5	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.051	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	3.1	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.86	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.020	mg/L	0.010	5/31/2011

Customer Sample ID: 604 606 WK:16

WETLAB Sample ID: 1105313-003

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.07	meq/L	0.10	
Cations	Calculation	2.07	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 653 WK:16

WETLAB Sample ID: 1105313-004

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	74	mg/L	1.0	5/20/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	61	mg/L as CaCO3	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	59	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.052	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	40	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	4.8	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.30	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	5/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	4.4	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011

Customer Sample ID: 604 653 WK:16

WETLAB Sample ID: 1105313-004

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	1.2	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.011	mg/L	0.010	5/31/2011
Anions	Calculation	2.53	meq/L	0.10	
Cations	Calculation	2.57	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 656 WK:16

WETLAB Sample ID: 1105313-005

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.83	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	56	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	46	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	48	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.015	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	27	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011

Customer Sample ID: 604 656 WK:16

WETLAB Sample ID: 1105313-005

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	0.053	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	5.0	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.092	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	0.030	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	4.7	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.61	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.27	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.012	mg/L	0.010	5/31/2011
Anions	Calculation	1.98	meq/L	0.10	
Cations	Calculation	1.91	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 669 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-006

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.72	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	47	mg/L	1.0	5/20/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO3	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011

Customer Sample ID: 604 669 WK:16

WETLAB Sample ID: 1105313-006

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.76	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	84	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.018	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	38	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	5.6	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.52	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	4.6	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.90	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.32	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	0.0060	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.016	mg/L	0.010	5/31/2011
Anions	Calculation	2.56	meq/L	0.10	
Cations	Calculation	2.53	meq/L	0.10	

Customer Sample ID: 604 669 WK:16
 WETLAB Sample ID: 1105313-006

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:16
 WETLAB Sample ID: 1105313-007

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.96	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	7.4	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	6.1	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	0.32	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	26	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	48	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.034	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	9.3	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.033	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.71	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011

Customer Sample ID: 604 673 WK:16

WETLAB Sample ID: 1105313-007

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/31/2011
Anions	Calculation	0.68	meq/L	0.10	
Cations	Calculation	0.66	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: 604 767 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-008

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.65	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	39	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	32	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	89	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.036	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	35	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011

Customer Sample ID: 604 767 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-008

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	8.7	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.52	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	2.9	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	0.019	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.020	mg/L	0.010	5/31/2011
Anions	Calculation	2.61	meq/L	0.10	
Cations	Calculation	2.58	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 787 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-009

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	36	mg/L	1.0	5/21/2011

Customer Sample ID: 604 787 WK:16
 WETLAB Sample ID: 1105313-009

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/25/2011
Barium	EPA 200.7	0.010	mg/L	0.010	5/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/25/2011
Calcium	EPA 200.7	29	mg/L	0.50	5/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	5/25/2011
Manganese	EPA 200.7	0.096	mg/L	0.0050	5/25/2011
Molybdenum	EPA 200.7	0.017	mg/L	0.010	5/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/25/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	5/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/25/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	5/25/2011
Strontium	EPA 200.7	0.22	mg/L	0.10	5/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/31/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/31/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/31/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/31/2011
Uranium	EPA 200.8	0.045	mg/L	0.010	5/31/2011
Anions	Calculation	1.94	meq/L	0.10	
Cations	Calculation	1.92	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:16
 WETLAB Sample ID: 1105313-010

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.19	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	90	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	29	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	36	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	7.4	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.050	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	2.9	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.47	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	5/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011

Customer Sample ID: 604 811 WK:16
 WETLAB Sample ID: 1105313-010

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	0.0068	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	0.022	mg/L	0.010	5/26/2011
Anions	Calculation	2.51	meq/L	0.10	
Cations	Calculation	2.48	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 854 WK:16
 WETLAB Sample ID: 1105313-011

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.80	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	57	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	46	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	2.1	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	78	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.034	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	39	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	7.2	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011

Customer Sample ID: 604 854 WK:16

WETLAB Sample ID: 1105313-011

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	3.2	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.35	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	5/27/2011
Zinc	EPA 200.7	0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011
Anions	Calculation	2.67	meq/L	0.10	
Cations	Calculation	2.63	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 862 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-012

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.23	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	170	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	140	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	31	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.011	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011

Customer Sample ID: 604 862 WK:16

WETLAB Sample ID: 1105313-012

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	56	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	9.2	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.041	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	0.54	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.90	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	0.015	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011
Anions	Calculation	3.55	meq/L	0.10	
Cations	Calculation	3.65	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 604 867 WK:16

WETLAB Sample ID: 1105313-013

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.86	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	77	mg/L	1.0	5/20/2011

Customer Sample ID: 604 867 WK:16

WETLAB Sample ID: 1105313-013

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	63	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	180	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	350	mg/L	10	5/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.017	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	97	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	0.10	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	3.2	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.24	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	3.3	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.57	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011

Customer Sample ID: 604 867 WK:16
 WETLAB Sample ID: 1105313-013

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011
Anions	Calculation	5.09	meq/L	0.10	
Cations	Calculation	5.22	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 605 033 WK:16
 WETLAB Sample ID: 1105313-014

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.88	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	59	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	49	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	39	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	5/23/2011
Aluminum	EPA 200.7	0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.036	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	31	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	2.9	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.077	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	0.011	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	3.0	mg/L	0.50	5/24/2011

Customer Sample ID: 605 033 WK:16
 WETLAB Sample ID: 1105313-014

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	0.81	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.27	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	0.019	mg/L	0.010	5/26/2011
Anions	Calculation	1.87	meq/L	0.10	
Cations	Calculation	1.91	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 WK:16
 WETLAB Sample ID: 1105313-015

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.80	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	46	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	38	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	14	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	80	mg/L	10	5/23/2011
Aluminum	EPA 200.7	0.061	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.12	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011

Customer Sample ID: 605 153 WK:16
 WETLAB Sample ID: 1105313-015

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	15	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	2.3	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.031	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	0.73	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	1.0	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011
Anions	Calculation	1.10	meq/L	0.10	
Cations	Calculation	1.05	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Customer Sample ID: SRK 0854 WK:16
 WETLAB Sample ID: 1105313-016

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.19	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011

Customer Sample ID: SRK 0854 WK:16
 WETLAB Sample ID: 1105313-016

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	0.59	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	120	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	5/23/2011
Aluminum	EPA 200.7	0.13	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.018	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	0.0038	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	23	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	0.011	mg/L	0.010	5/24/2011
Copper	EPA 200.7	29	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.37	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	1.4	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	0.11	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	0.25	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	0.0057	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011

Customer Sample ID: SRK 0854 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-016

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.53	meq/L	0.10	
Cations	Calculation	2.25	meq/L	0.10	
Error	Calculation	5.9	%	1.0	

Customer Sample ID: SRK 0858 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-017

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.13	pH Units		5/20/2011
Acidity (Titrimetric)	SM 2310B	150	mg/L as CaCO ₃		5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	3.7	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	260	mg/L	50	5/22/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	5/23/2011
Aluminum	EPA 200.7	7.7	mg/L	0.045	5/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	0.0021	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	5/27/2011
Calcium	EPA 200.7	38	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	0.0072	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	0.054	mg/L	0.010	5/24/2011
Copper	EPA 200.7	24	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	6.5	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	2.0	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.63	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	2.0	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	1.4	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011

Customer Sample ID: SRK 0858 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-017

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	0.10	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	6/1/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	6/1/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	0.067	mg/L	0.010	5/26/2011
Anions	Calculation	5.61	meq/L	0.10	
Cations	Calculation	5.69	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0864 WK:16

Collect Date/Time: 5/20/2011 09:00

WETLAB Sample ID: 1105313-018

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	0.66	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	5.9	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	44	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.011	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	10	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011

Customer Sample ID: SRK 0864 WK:16
 WETLAB Sample ID: 1105313-018

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	1.7	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	1.2	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	1.2	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/26/2011
Anions	Calculation	0.78	meq/L	0.10	
Cations	Calculation	0.72	meq/L	0.10	
Error	Calculation	3.9	%	1.0	

Customer Sample ID: SRK 0866 WK:16
 WETLAB Sample ID: 1105313-019

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.04	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	9.4	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	7.7	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	0.60	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	24	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011

Customer Sample ID: SRK 0866 WK:16

WETLAB Sample ID: 1105313-019

Collect Date/Time: 5/20/2011 09:00

Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	48	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	10	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	1.1	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/1/2011
Anions	Calculation	0.69	meq/L	0.10	
Cations	Calculation	0.67	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: SRK 0867 WK:16
 WETLAB Sample ID: 1105313-020

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		5/20/2011
Bicarbonate (HCO ₃)	SM 2320B	29	mg/L	1.0	5/20/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	24	mg/L as CaCO ₃	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	51	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	0.011	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	27	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	1.7	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.096	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	5/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	0.90	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	0.0048	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011

Customer Sample ID: SRK 0867 WK:16
 WETLAB Sample ID: 1105313-020

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/1/2011
Anions	Calculation	1.61	meq/L	0.10	
Cations	Calculation	1.51	meq/L	0.10	
Error	Calculation	3.1	%	1.0	

Customer Sample ID: SRK 0872 WK:16
 WETLAB Sample ID: 1105313-021

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.38	pH Units		5/20/2011
Bicarbonate (HCO3)	SM 2320B	19	mg/L	1.0	5/20/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	5/20/2011
Total Alkalinity	SM 2320B	16	mg/L as CaCO3	1.0	5/20/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	5/21/2011
Fluoride	EPA 300.0	1.0	mg/L	0.10	5/21/2011
Sulfate	EPA 300.0	68	mg/L	1.0	5/21/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	5/21/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	5/21/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	5/23/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	5/24/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	5/24/2011
Calcium	EPA 200.7	34	mg/L	0.50	5/24/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	5/24/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Magnesium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Manganese	EPA 200.7	0.041	mg/L	0.0050	5/24/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	5/24/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	5/24/2011

Customer Sample ID: SRK 0872 WK:16
 WETLAB Sample ID: 1105313-021

Collect Date/Time: 5/20/2011 09:00
 Receive Date: 5/20/2011 15:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Potassium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	5/24/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	5/24/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	5/24/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	5/24/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	5/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	5/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	5/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	5/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	6/1/2011
Anions	Calculation	1.78	meq/L	0.10	
Cations	Calculation	1.70	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1105597	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1105597	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1105597	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1105598	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1105598	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1105598	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1105601	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1105601	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1105601	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1105602	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1105602	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1105602	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1105604	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105604	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105604	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105605	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105605	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105605	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1105607	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1105607	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1105607	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1105608	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1105608	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1105611	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1105611	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1105611	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1105612	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1105612	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1105612	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1105639	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1105639	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1105639	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1105705	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1105705	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1105719	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissoived	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1105720	Blank 1	Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
QC1105723	Blank 1	Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1105724	Blank 1	Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
QC1105786	Blank 1	Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
QC1105787	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
QC1105792	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1105792	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1105792	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1106010	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L		
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L		
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1105593	LCS 1	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1105593	LCS 2	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1105593	LCS 3	pH	SM 4500-H+ B	7.03	7.00	100	pH Units
QC1105594	LCS 1	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC1105594	LCS 2	Alkalinity	SM 2320B	94.7	100	95	mg/L
QC1105594	LCS 3	Alkalinity	SM 2320B	94.5	100	95	mg/L
QC1105597	LCS 1	Fluoride	EPA 300.0	1.99	2.00	99	mg/L
QC1105598	LCS 1	Fluoride	EPA 300.0	1.99	2.00	99	mg/L
QC1105601	LCS 1	Chloride	EPA 300.0	10.6	10.0	106	mg/L
QC1105602	LCS 1	Chloride	EPA 300.0	10.6	10.0	106	mg/L
QC1105604	LCS 1	Nitrite Nitrogen	EPA 300.0	0.496	0.500	99	mg/L
QC1105605	LCS 1	Nitrite Nitrogen	EPA 300.0	0.496	0.500	99	mg/L
QC1105607	LCS 1	Nitrate Nitrogen	EPA 300.0	1.97	2.00	98	mg/L
QC1105608	LCS 1	Nitrate Nitrogen	EPA 300.0	1.97	2.00	98	mg/L
QC1105611	LCS 1	Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC1105612	LCS 1	Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC1105639	LCS 1	Sulfate	EPA 300.0	25.1	25.0	101	mg/L
QC1105705	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L
QC1105705	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	139	150		mg/L
QC1105719	LCS 1	Aluminum	EPA 200.7	0.976	1.00	98	mg/L
		Barium	EPA 200.7	0.975	1.00	98	mg/L
		Beryllium	EPA 200.7	0.975	1.00	98	mg/L
		Bismuth	EPA 200.7	1.00	1.00	100	mg/L
		Boron	EPA 200.7	0.931	1.00	93	mg/L
		Cadmium	EPA 200.7	0.973	1.00	97	mg/L
		Calcium	EPA 200.7	9.95	10.0	100	mg/L
		Chromium	EPA 200.7	0.960	1.00	96	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.80	5.00	96	mg/L
		Gallium	EPA 200.7	0.966	1.00	97	mg/L
		Iron	EPA 200.7	0.970	1.00	97	mg/L
		Lithium	EPA 200.7	0.951	1.00	95	mg/L
		Magnesium	EPA 200.7	9.61	10.0	96	mg/L
		Manganese	EPA 200.7	0.978	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.973	1.00	97	mg/L
		Nickel	EPA 200.7	4.87	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.96	5.00	99	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.976	1.00	98	mg/L
		Silver	EPA 200.7	0.089	0.090	98	mg/L
		Sodium	EPA 200.7	9.87	10.0	99	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.973	1.00	97	mg/L
		Titanium	EPA 200.7	0.974	1.00	97	mg/L
		Vanadium	EPA 200.7	0.966	1.00	97	mg/L
		Zinc	EPA 200.7	0.993	1.00	99	mg/L
QC1105720	LCS 1	Aluminum	EPA 200.7	0.976	1.00	98	mg/L
		Barium	EPA 200.7	0.975	1.00	98	mg/L
		Beryllium	EPA 200.7	0.975	1.00	98	mg/L
		Bismuth	EPA 200.7	1.00	1.00	100	mg/L
		Boron	EPA 200.7	0.931	1.00	93	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1105723	LCS 1	Cadmium	EPA 200.7	0.973	1.00	97	mg/L
		Calcium	EPA 200.7	9.95	10.0	100	mg/L
		Chromium	EPA 200.7	0.960	1.00	96	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.80	5.00	96	mg/L
		Gallium	EPA 200.7	0.966	1.00	97	mg/L
		Iron	EPA 200.7	0.970	1.00	97	mg/L
		Lithium	EPA 200.7	0.951	1.00	95	mg/L
		Magnesium	EPA 200.7	9.61	10.0	96	mg/L
		Manganese	EPA 200.7	0.978	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.973	1.00	97	mg/L
		Nickel	EPA 200.7	4.87	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.96	5.00	99	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.976	1.00	98	mg/L
		Silver	EPA 200.7	0.089	0.090	98	mg/L
		Sodium	EPA 200.7	9.87	10.0	99	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.973	1.00	97	mg/L
		Titanium	EPA 200.7	0.974	1.00	97	mg/L
		Vanadium	EPA 200.7	0.966	1.00	97	mg/L
		Zinc	EPA 200.7	0.993	1.00	99	mg/L
QC1105724	LCS 1	Aluminum	EPA 200.7	0.894	1.00	89	mg/L
		Barium	EPA 200.7	0.918	1.00	92	mg/L
		Beryllium	EPA 200.7	0.934	1.00	93	mg/L
		Bismuth	EPA 200.7	0.950	1.00	95	mg/L
		Boron	EPA 200.7	0.873	1.00	87	mg/L
		Cadmium	EPA 200.7	0.925	1.00	92	mg/L
		Calcium	EPA 200.7	9.48	10.0	95	mg/L
		Chromium	EPA 200.7	0.904	1.00	90	mg/L
		Cobalt	EPA 200.7	0.920	1.00	92	mg/L
		Copper	EPA 200.7	4.44	5.00	89	mg/L
		Gallium	EPA 200.7	0.926	1.00	93	mg/L
		Iron	EPA 200.7	0.957	1.00	96	mg/L
		Lithium	EPA 200.7	0.932	1.00	93	mg/L
		Magnesium	EPA 200.7	9.44	10.0	94	mg/L
		Manganese	EPA 200.7	0.901	1.00	90	mg/L
		Molybdenum	EPA 200.7	0.923	1.00	92	mg/L
		Nickel	EPA 200.7	4.61	5.00	92	mg/L
		Phosphorus	EPA 200.7	4.63	5.00	93	mg/L
		Potassium	EPA 200.7	9.54	10.0	95	mg/L
		Scandium	EPA 200.7	0.924	1.00	92	mg/L
		Silver	EPA 200.7	0.083	0.090	92	mg/L
		Sodium	EPA 200.7	9.39	10.0	94	mg/L
		Strontium	EPA 200.7	0.943	1.00	94	mg/L
		Tin	EPA 200.7	0.902	1.00	90	mg/L
		Titanium	EPA 200.7	0.956	1.00	96	mg/L
		Vanadium	EPA 200.7	0.915	1.00	92	mg/L
		Zinc	EPA 200.7	0.941	1.00	94	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1105786	LCS 1	Chromium	EPA 200.7	0.959	1.00	96	mg/L
		Cobalt	EPA 200.7	0.981	1.00	98	mg/L
		Copper	EPA 200.7	4.84	5.00	97	mg/L
		Gallium	EPA 200.7	0.976	1.00	98	mg/L
		Iron	EPA 200.7	0.968	1.00	97	mg/L
		Lithium	EPA 200.7	0.947	1.00	95	mg/L
		Magnesium	EPA 200.7	9.50	10.0	95	mg/L
		Manganese	EPA 200.7	0.975	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.952	1.00	95	mg/L
		Nickel	EPA 200.7	4.90	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.87	5.00	97	mg/L
		Potassium	EPA 200.7	9.52	10.0	95	mg/L
		Scandium	EPA 200.7	0.949	1.00	95	mg/L
		Silver	EPA 200.7	0.088	0.090	98	mg/L
		Sodium	EPA 200.7	9.53	10.0	95	mg/L
		Strontium	EPA 200.7	0.940	1.00	94	mg/L
		Tin	EPA 200.7	0.947	1.00	95	mg/L
		Titanium	EPA 200.7	0.990	1.00	99	mg/L
		Vanadium	EPA 200.7	0.969	1.00	97	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
QC1105787	LCS 1	Mercury	EPA 200.8	0.000987	0.001	99	mg/L
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L
		Arsenic	EPA 200.8	0.0476	0.050	95	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0487	0.050	97	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
		Uranium	EPA 200.8	0.0109	0.010	109	mg/L
QC1105792	LCS 1	Mercury	EPA 200.8	0.000987	0.001	99	mg/L
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L
		Arsenic	EPA 200.8	0.0476	0.050	95	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0487	0.050	97	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
		Uranium	EPA 200.8	0.0109	0.010	109	mg/L
QC1105792	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	144	150	96	mg/L
QC1105792	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L
QC1106010	LCS 1	Mercury	EPA 200.8	0.001149	0.001	115	mg/L
		Antimony	EPA 200.8	0.0102	0.010	102	mg/L
		Arsenic	EPA 200.8	0.0561	0.050	112	mg/L
		Lead	EPA 200.8	0.0107	0.010	107	mg/L
		Selenium	EPA 200.8	0.0553	0.050	111	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0107	0.010	107	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1105593	Duplicate 1	pH	SM 4500-H+ B	1105300-001	7.93	7.92	pH Units	<1%
QC1105593	Duplicate 2	pH	SM 4500-H+ B	1105302-001	8.24	8.23	pH Units	<1%
QC1105593	Duplicate 3	pH	SM 4500-H+ B	1105309-003	8.09	8.09	pH Units	<1%
QC1105593	Duplicate 4	pH	SM 4500-H+ B	1105309-009	8.06	8.06	pH Units	<1%
QC1105593	Duplicate 5	pH	SM 4500-H+ B	1105309-010	8.03	8.03	pH Units	<1%
QC1105594	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1105300-001	185	186	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1105300-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1105300-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1105594	Duplicate 2	Total Alkalinity	SM 2320B	1105300-001	152	153	mg/L as CaCO ₃	1 %				
		Bicarbonate (HCO ₃)	SM 2320B	1105302-001	206	204	mg/L	1 %				
		Carbonate (CO ₃)	SM 2320B	1105302-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1105302-001	<1.000	<1.000	mg/L	<1%				
QC1105594	Duplicate 3	Total Alkalinity	SM 2320B	1105302-001	169	167	mg/L as CaCO ₃	1 %				
		Bicarbonate (HCO ₃)	SM 2320B	1105309-003	225	226	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1105309-003	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1105309-003	<1.000	<1.000	mg/L	<1%				
QC1105594	Duplicate 4	Total Alkalinity	SM 2320B	1105309-003	185	185	mg/L as CaCO ₃	<1%				
		Bicarbonate (HCO ₃)	SM 2320B	1105309-009	233	232	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1105309-009	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1105309-009	<1.000	<1.000	mg/L	<1%				
QC1105594	Duplicate 5	Total Alkalinity	SM 2320B	1105309-009	191	190	mg/L as CaCO ₃	<1%				
		Bicarbonate (HCO ₃)	SM 2320B	1105309-010	195	195	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1105309-010	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1105309-010	<1.000	<1.000	mg/L	<1%				
QC1105705	Duplicate 1	Total Alkalinity	SM 2320B	1105309-010	160	160	mg/L as CaCO ₃	<1%				
		Total Dissolved Solids (TDS)	SM 2540C	1105299-001	320	324	mg/L	1 %				
		Total Dissolved Solids (TDS)	SM 2540C	1105302-002	114	103	Q	mg/L				
		Total Dissolved Solids (TDS)	SM 2540C	1105304-003	423	406		4 %				
QC1105705	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1105313-015	80.0	76.0	mg/L	5 %				
		Total Dissolved Solids (TDS)	SM 2540C	1105313-013	354	340	mg/L	4 %				
		Total Dissolved Solids (TDS)	SM 2540C	1105334-003	27.0	19.0	mg/L	35 %				
		Total Dissolved Solids (TDS)	SM 2540C	1105355-001	103	104	mg/L	1 %				
QC1105792	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1105355-011	766	738	mg/L	4 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1105597	MS 1	Fluoride	EPA 300.0	1105302-001	0.211	2.11	2.14	2.00	mg/L	95	96	1 %
QC1105597	MS 2	Fluoride	EPA 300.0	1105266-003	0.279	2.15	2.16	2.00	mg/L	94	94	<1%
QC1105598	MS 1	Fluoride	EPA 300.0	1105313-011	2.06	3.76	3.77	2.00	mg/L	85	86	<1%
QC1105598	MS 2	Fluoride	EPA 300.0	1105313-021	1.04	2.88	2.88	2.00	mg/L	92	92	<1%
QC1105601	MS 1	Chloride	EPA 300.0	1105302-001	5.55	10.8	10.9	5.00	mg/L	105	107	1 %
QC1105601	MS 2	Chloride	EPA 300.0	1105266-003	5.24	10.4	10.5	5.00	mg/L	103	104	1 %
QC1105602	MS 1	Chloride	EPA 300.0	1105313-011	<1.000	5.57	5.56	5.00	mg/L	109	109	<1%
QC1105602	MS 2	Chloride	EPA 300.0	1105313-021	<1.000	5.63	5.66	5.00	mg/L	109	110	1 %
QC1105604	MS 1	Nitrite Nitrogen	EPA 300.0	1105292-001	<0.025	0.527	0.537	0.500	mg/L	103	105	2 %
QC1105604	MS 2	Nitrite Nitrogen	EPA 300.0	1105292-009	<0.025	0.443	0.415	0.500	mg/L	89	83	7 %
QC1105605	MS 1	Nitrite Nitrogen	EPA 300.0	1105313-011	<0.025	0.534	0.525	0.500	mg/L	107	105	2 %
QC1105605	MS 2	Nitrite Nitrogen	EPA 300.0	1105313-021	<0.025	0.528	0.528	0.500	mg/L	103	103	<1%
QC1105607	MS 1	Nitrate Nitrogen	EPA 300.0	1105313-001	<1.000	2.14	2.15	2.00	mg/L	105	106	<1%
QC1105607	MS 2	Nitrate Nitrogen	EPA 300.0	1105313-011	<1.000	2.14	2.14	2.00	mg/L	106	105	<1%
QC1105608	MS 1	Nitrate Nitrogen	EPA 300.0	1105313-021	<1.000	2.14	2.15	2.00	mg/L	105	106	<1%
QC1105611	MS 1	Sulfate	EPA 300.0	1105266-003	23.4	32.6	32.8	10.0	mg/L	92	94	1 %
QC1105611	MS 2	Sulfate	EPA 300.0	1105313-011	77.7	86.4	86.2	10.0	mg/L	87	86	<1%
QC1105612	MS 1	Sulfate	EPA 300.0	1105313-021	67.9	76.5	76.7	10.0	mg/L	86	88	<1%
QC1105612	MS 2	Sulfate	EPA 300.0	1105267-004	6.75	16.8	17.1	10.0	mg/L	100	104	2 %
QC1105639	MS 1	Sulfate	EPA 300.0	1105279-001	3444	4512	4520	10.0	mg/L	107	108	<1%
QC1105639	MS 2	Sulfate	EPA 300.0	1105299-006	16.5	28.0	26.4	10.0	mg/L	115	99	6 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1105719	MS 1	Aluminum, Dissolved	EPA 200.7	1105304-001	<0.045	0.942	0.950	1.00	mg/L	92	93	1 %
		Barium, Dissolved	EPA 200.7	1105304-001	0.060	1.02	1.00	1.00	mg/L	96	94	2 %
		Beryllium, Dissolved	EPA 200.7	1105304-001	<0.001	0.965	0.964	1.00	mg/L	97	96	<1%
		Bismuth, Dissolved	EPA 200.7	1105304-001	<0.100	0.965	0.952	1.00	mg/L	98	97	1 %
		Boron, Dissolved	EPA 200.7	1105304-001	<0.100	1.03	1.00	1.00	mg/L	95	92	3 %
		Cadmium, Dissolved	EPA 200.7	1105304-001	<0.001	0.959	0.931	1.00	mg/L	96	93	3 %
		Calcium, Dissolved	EPA 200.7	1105304-001	49.3	57.5	57.6	10.0	mg/L	82	83	<1%
		Chromium, Dissolved	EPA 200.7	1105304-001	<0.005	0.953	0.934	1.00	mg/L	95	93	2 %
		Cobalt, Dissolved	EPA 200.7	1105304-001	<0.010	0.955	0.937	1.00	mg/L	95	94	2 %
		Copper, Dissolved	EPA 200.7	1105304-001	<0.050	4.82	4.80	5.00	mg/L	96	96	<1%
		Gallium, Dissolved	EPA 200.7	1105304-001	<0.100	0.958	0.951	1.00	mg/L	96	95	1 %
		Iron, Dissolved	EPA 200.7	1105304-001	<0.010	0.964	0.952	1.00	mg/L	97	95	1 %
		Lithium, Dissolved	EPA 200.7	1105304-001	<0.100	0.947	0.951	1.00	mg/L	93	93	<1%
		Magnesium, Dissolved	EPA 200.7	1105304-001	7.75	16.4	16.1	10.0	mg/L	86	84	2 %
		Manganese, Dissolved	EPA 200.7	1105304-001	<0.005	0.944	0.931	1.00	mg/L	96	95	1 %
		Molybdenum, Dissolved	EPA 200.7	1105304-001	<0.010	0.975	0.959	1.00	mg/L	98	96	2 %
		Nickel, Dissolved	EPA 200.7	1105304-001	<0.010	4.73	4.62	5.00	mg/L	95	92	2 %
		Phosphorus, Dissolved	EPA 200.7	1105304-001	<0.500	5.02	4.86	5.00	mg/L	98	95	3 %
		Potassium, Dissolved	EPA 200.7	1105304-001	2.97	13.3	13.5	10.0	mg/L	103	105	1 %
		Scandium, Dissolved	EPA 200.7	1105304-001	<0.100	0.962	0.971	1.00	mg/L	96	97	1 %
		Silver, Dissolved	EPA 200.7	1105304-001	<0.005	0.088	0.087	0.090	mg/L	97	97	1 %
		Sodium, Dissolved	EPA 200.7	1105304-001	27.7	36.7	37.4	10.0	mg/L	90	97	2 %
		Strontium, Dissolved	EPA 200.7	1105304-001	0.291	1.21	1.24	1.00	mg/L	92	95	2 %
		Tin, Dissolved	EPA 200.7	1105304-001	<0.100	0.954	0.921	1.00	mg/L	98	95	4 %
		Titanium, Dissolved	EPA 200.7	1105304-001	<0.100	0.984	0.979	1.00	mg/L	98	98	1 %
		Vanadium, Dissolved	EPA 200.7	1105304-001	0.022	0.983	0.971	1.00	mg/L	96	95	1 %
		Zinc, Dissolved	EPA 200.7	1105304-001	<0.010	0.989	0.957	1.00	mg/L	99	96	3 %
QC1105720	MS 1	Aluminum, Dissolved	EPA 200.7	1105304-002	0.207	1.27	1.29	1.00	mg/L	106	108	2 %
		Barium, Dissolved	EPA 200.7	1105304-002	0.022	1.03	1.04	1.00	mg/L	101	102	1 %
		Beryllium, Dissolved	EPA 200.7	1105304-002	<0.001	1.01	1.01	1.00	mg/L	101	101	<1%
		Bismuth, Dissolved	EPA 200.7	1105304-002	<0.100	1.01	1.03	1.00	mg/L	102	104	2 %
		Boron, Dissolved	EPA 200.7	1105304-002	<0.100	1.01	1.04	1.00	mg/L	96	99	3 %
		Cadmium, Dissolved	EPA 200.7	1105304-002	<0.001	0.997	1.02	1.00	mg/L	100	102	2 %
		Calcium, Dissolved	EPA 200.7	1105304-002	16.1	25.5	25.8	10.0	mg/L	94	97	1 %
		Chromium, Dissolved	EPA 200.7	1105304-002	<0.005	0.989	1.00	1.00	mg/L	99	100	1 %
		Cobalt, Dissolved	EPA 200.7	1105304-002	<0.010	1.00	1.02	1.00	mg/L	100	102	2 %
		Copper, Dissolved	EPA 200.7	1105304-002	<0.050	4.98	5.15	5.00	mg/L	100	103	3 %
		Gallium, Dissolved	EPA 200.7	1105304-002	<0.100	0.996	1.02	1.00	mg/L	100	102	2 %
		Iron, Dissolved	EPA 200.7	1105304-002	0.154	1.17	1.16	1.00	mg/L	102	101	1 %
		Lithium, Dissolved	EPA 200.7	1105304-002	<0.100	0.933	0.939	1.00	mg/L	92	93	1 %
		Magnesium, Dissolved	EPA 200.7	1105304-002	3.40	12.8	12.8	10.0	mg/L	94	94	<1%
		Manganese, Dissolved	EPA 200.7	1105304-002	0.011	1.00	1.02	1.00	mg/L	99	101	2 %
		Molybdenum, Dissolved	EPA 200.7	1105304-002	<0.010	1.02	1.03	1.00	mg/L	102	103	1 %
		Nickel, Dissolved	EPA 200.7	1105304-002	<0.010	4.95	5.05	5.00	mg/L	99	101	2 %
		Phosphorus, Dissolved	EPA 200.7	1105304-002	<0.500	5.21	5.31	5.00	mg/L	101	103	2 %
		Potassium, Dissolved	EPA 200.7	1105304-002	2.55	12.6	12.8	10.0	mg/L	100	102	2 %
		Scandium, Dissolved	EPA 200.7	1105304-002	<0.100	1.01	1.01	1.00	mg/L	101	101	<1%
		Silver, Dissolved	EPA 200.7	1105304-002	<0.005	0.091	0.092	0.090	mg/L	101	102	1 %
		Sodium, Dissolved	EPA 200.7	1105304-002	12.6	22.4	22.7	10.0	mg/L	98	101	1 %
		Strontium, Dissolved	EPA 200.7	1105304-002	<0.100	1.07	1.07	1.00	mg/L	98	98	<1%
		Tin, Dissolved	EPA 200.7	1105304-002	<0.100	0.989	0.999	1.00	mg/L	100	101	1 %
		Titanium, Dissolved	EPA 200.7	1105304-002	<0.100	0.992	0.983	1.00	mg/L	98	98	1 %
		Vanadium, Dissolved	EPA 200.7	1105304-002	<0.010	1.01	1.03	1.00	mg/L	100	102	2 %
		Zinc, Dissolved	EPA 200.7	1105304-002	<0.010	1.02	1.05	1.00	mg/L	102	105	3 %
QC1105723	MS 1	Aluminum, Dissolved	EPA 200.7	1105301-002	0.065	0.927	0.987	1.00	mg/L	86	92	6 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1105724	MS 1	Barium, Dissolved	EPA 200.7	1105301-002	0.024	0.932	0.949	1.00	mg/L	91	92	2 %
		Beryllium, Dissolved	EPA 200.7	1105301-002	<0.001	0.989	1.05	1.00	mg/L	99	105	6 %
		Bismuth, Dissolved	EPA 200.7	1105301-002	<0.100	0.930	0.992	1.00	mg/L	100	106	6 %
		Boron, Dissolved	EPA 200.7	1105301-002	<0.100	0.871	0.907	1.00	mg/L	96	100	4 %
		Cadmium, Dissolved	EPA 200.7	1105301-002	<0.001	0.982	1.03	1.00	mg/L	99	104	5 %
		Calcium, Dissolved	EPA 200.7	1105301-002	518	507	540	10.0	mg/L	110	220	6 %
		Chromium, Dissolved	EPA 200.7	1105301-002	0.018	0.956	1.01	1.00	mg/L	94	99	5 %
		Cobalt, Dissolved	EPA 200.7	1105301-002	0.203	1.14	1.17	1.00	mg/L	94	97	3 %
		Copper, Dissolved	EPA 200.7	1105301-002	<0.050	5.04	5.39	5.00	mg/L	101	108	7 %
		Gallium, Dissolved	EPA 200.7	1105301-002	<0.100	0.906	0.965	1.00	mg/L	90	96	6 %
		Iron, Dissolved	EPA 200.7	1105301-002	<0.010	0.903	0.973	1.00	mg/L	96	103	7 %
		Lithium, Dissolved	EPA 200.7	1105301-002	1.34	2.47	2.61	1.00	mg/L	113	127	6 %
		Magnesium, Dissolved	EPA 200.7	1105301-002	166	176	186	10.0	mg/L	100	200	6 %
		Manganese, Dissolved	EPA 200.7	1105301-002	<0.005	0.730	0.772	1.00	mg/L	92	96	6 %
		Molybdenum, Dissolved	EPA 200.7	1105301-002	1.39	2.45	2.53	1.00	mg/L	106	114	3 %
		Nickel, Dissolved	EPA 200.7	1105301-002	0.019	4.82	5.07	5.00	mg/L	96	101	5 %
		Phosphorus, Dissolved	EPA 200.7	1105301-002	<0.500	5.56	5.66	5.00	mg/L	111	113	2 %
		Potassium, Dissolved	EPA 200.7	1105301-002	330	SC 336	354	10.0	mg/L	NC	NC	NC
		Scandium, Dissolved	EPA 200.7	1105301-002	<0.100	0.963	1.03	1.00	mg/L	96	103	7 %
		Silver, Dissolved	EPA 200.7	1105301-002	0.007	0.100	0.105	0.090	mg/L	103	109	5 %
		Sodium, Dissolved	EPA 200.7	1105301-002	1260	SC 1200	1290	10.0	mg/L	NC	NC	NC
		Strontium, Dissolved	EPA 200.7	1105301-002	0.934	1.81	1.94	1.00	mg/L	88	101	7 %
		Tin, Dissolved	EPA 200.7	1105301-002	<0.100	0.884	0.911	1.00	mg/L	96	99	3 %
		Titanium, Dissolved	EPA 200.7	1105301-002	<0.100	0.945	1.01	1.00	mg/L	96	102	7 %
		Vanadium, Dissolved	EPA 200.7	1105301-002	0.092	1.07	1.13	1.00	mg/L	98	104	5 %
		Zinc, Dissolved	EPA 200.7	1105301-002	<0.010	1.02	1.04	1.00	mg/L	102	104	2 %
QC1105786	MS 1	Aluminum, Dissolved	EPA 200.7	1105303-001	<0.045	0.951	0.947	1.00	mg/L	93	93	<1%
		Barium, Dissolved	EPA 200.7	1105303-001	0.115	1.06	1.07	1.00	mg/L	94	96	1 %
		Beryllium, Dissolved	EPA 200.7	1105303-001	<0.001	0.945	0.969	1.00	mg/L	95	97	3 %
		Bismuth, Dissolved	EPA 200.7	1105303-001	<0.100	0.948	0.964	1.00	mg/L	96	98	2 %
		Boron, Dissolved	EPA 200.7	1105303-001	<0.100	1.00	1.02	1.00	mg/L	94	96	2 %
		Cadmium, Dissolved	EPA 200.7	1105303-001	<0.001	0.938	0.964	1.00	mg/L	94	96	3 %
		Calcium, Dissolved	EPA 200.7	1105303-001	47.2	55.7	56.5	10.0	mg/L	85	93	1 %
		Chromium, Dissolved	EPA 200.7	1105303-001	<0.005	0.933	0.952	1.00	mg/L	93	95	2 %
		Cobalt, Dissolved	EPA 200.7	1105303-001	<0.010	0.937	0.954	1.00	mg/L	94	95	2 %
		Copper, Dissolved	EPA 200.7	1105303-001	<0.050	4.97	4.87	5.00	mg/L	99	97	2 %
		Gallium, Dissolved	EPA 200.7	1105303-001	<0.100	0.964	0.968	1.00	mg/L	96	97	<1%
		Iron, Dissolved	EPA 200.7	1105303-001	<0.010	0.954	0.969	1.00	mg/L	95	97	2 %
		Lithium, Dissolved	EPA 200.7	1105303-001	<0.100	0.949	0.950	1.00	mg/L	94	94	<1%
		Magnesium, Dissolved	EPA 200.7	1105303-001	8.35	16.7	17.2	10.0	mg/L	84	88	3 %
		Manganese, Dissolved	EPA 200.7	1105303-001	<0.005	0.933	0.946	1.00	mg/L	95	96	1 %
		Molybdenum, Dissolved	EPA 200.7	1105303-001	<0.010	0.940	0.959	1.00	mg/L	94	96	2 %
		Nickel, Dissolved	EPA 200.7	1105303-001	<0.010	4.63	4.74	5.00	mg/L	93	95	2 %
		Phosphorus, Dissolved	EPA 200.7	1105303-001	<0.500	4.76	4.97	5.00	mg/L	93	97	4 %
		Potassium, Dissolved	EPA 200.7	1105303-001	2.32	12.5	12.5	10.0	mg/L	102	102	<1%
		Scandium, Dissolved	EPA 200.7	1105303-001	<0.100	0.953	0.965	1.00	mg/L	95	97	1 %
		Silver, Dissolved	EPA 200.7	1105303-001	<0.005	0.088	0.088	0.090	mg/L	98	98	<1%
		Sodium, Dissolved	EPA 200.7	1105303-001	28.3	38.1	38.2	10.0	mg/L	98	99	<1%
		Strontium, Dissolved	EPA 200.7	1105303-001	0.277	1.24	1.24	1.00	mg/L	96	96	<1%
		Tin, Dissolved	EPA 200.7	1105303-001	<0.100	0.895	0.933	1.00	mg/L	92	96	4 %
		Titanium, Dissolved	EPA 200.7	1105303-001	<0.100	0.988	0.981	1.00	mg/L	99	98	1 %
		Vanadium, Dissolved	EPA 200.7	1105303-001	0.028	0.984	0.994	1.00	mg/L	96	97	1 %
		Zinc, Dissolved	EPA 200.7	1105303-001	<0.010	0.953	0.991	1.00	mg/L	95	99	4 %
QC1105786	MS 1	Uranium, Dissolved	EPA 200.8	1105304-001	<0.0100	0.0138	0.0146	0.010	mg/L	107	115	6 %
		Mercury, Dissolved	EPA 200.8	1105304-001	<0.000100	0.001003	0.000990	0.001	mg/L	100	99	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1105787	MS 1	Antimony, Dissolved	EPA 200.8	1105304-001	<0.0025	0.0096	0.0102	0.010	mg/L	93	99	6 %
		Arsenic, Dissolved	EPA 200.8	1105304-001	0.0167	0.0653	0.0671	0.050	mg/L	97	101	3 %
		Lead, Dissolved	EPA 200.8	1105304-001	<0.0025	0.0100	0.0106	0.010	mg/L	100	106	6 %
		Selenium, Dissolved	EPA 200.8	1105304-001	<0.0050	0.0496	0.0522	0.050	mg/L	97	102	5 %
		Thallium, Dissolved	EPA 200.8	1105304-001	<0.0010	0.0097	0.0103	0.010	mg/L	97	103	6 %
		Uranium, Dissolved	EPA 200.8	1105304-002	<0.0100	0.0113	0.0111	0.010	mg/L	110	108	2 %
		Mercury, Dissolved	EPA 200.8	1105304-002	<0.000100	0.000949	0.000937	0.001	mg/L	95	94	1 %
		Antimony, Dissolved	EPA 200.8	1105304-002	<0.0025	0.0097	0.0094	0.010	mg/L	94	90	3 %
		Arsenic, Dissolved	EPA 200.8	1105304-002	<0.0050	0.0525	0.0507	0.050	mg/L	98	94	3 %
		Lead, Dissolved	EPA 200.8	1105304-002	<0.0025	0.0105	0.0100	0.010	mg/L	105	100	5 %
QC1106010	MS 1	Selenium, Dissolved	EPA 200.8	1105304-002	<0.0050	0.0506	0.0477	0.050	mg/L	101	95	6 %
		Thallium, Dissolved	EPA 200.8	1105304-002	<0.0010	0.0102	0.0098	0.010	mg/L	102	98	4 %
		Uranium, Dissolved	EPA 200.8	1105303-001	<0.0100	0.0168	0.0169	0.010	mg/L	120	121	1 %
		Mercury, Dissolved	EPA 200.8	1105303-001	<0.000100	0.001194	0.001230	0.001	mg/L	119	123	3 %
		Antimony, Dissolved	EPA 200.8	1105303-001	<0.0025	0.0113	0.0112	0.010	mg/L	110	109	1 %
		Arsenic, Dissolved	EPA 200.8	1105303-001	0.0139	0.0720	0.0701	0.050	mg/L	116	112	3 %
		Lead, Dissolved	EPA 200.8	1105303-001	<0.0025	0.0123	0.0124	0.010	mg/L	123	124	1 %
		Selenium, Dissolved	EPA 200.8	1105303-001	<0.0050	0.0559	0.0560	0.050	mg/L	109	110	<1%
		Thallium, Dissolved	EPA 200.8	1105303-001	<0.0010	0.0121	0.0120	0.010	mg/L	121	120	1 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #118 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 11053B

Report

Due Date: 01/06/11

Page 1 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Turnaround Time:

Standard 5-Day Other _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Additional Information				
Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

Sample Type Codes:

DW = Drinking Water	SD = Solid
WW = Wastewater	SO = Soil
SW = Surface Water	HW = Hazardous Waste
MW = Monitoring Well	OTHER: _____

SAMPLE ID/LOCATION	DATE	TIME	NO. OF CONTAINERS	Analysis Requests												Spl. No.
				SAMPLE	CONTAINER	TYPE	Profile II w/o VAD	UR-2000								
604 562	Wk:16	5/20/11 9:00	WW 2	X												1
604 569																2
604 606																3
604 653																4
604 656																5
604 669																6
604 673																7
604 767																8
604 787																9
604 811																10
604 854																11
604 862																12

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Samples Received by	Comments/Problems
Temperature 33 °C	5/20	15:50	Tanya Riles	J. Beaumont
Custody Seals Intact? Y N None				
Number of Containers 42				

WETLAB'S LIABILITY IS LIMITED TO THE AMOUNT OF THE FEES PAID FOR THIS REPORT. NO OTHER EXPENSES ARE TO BE REIMBURSED.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



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475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1105313

Report

Due Date: 6/6/11

Page 2 of 2

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300

Collector's Name Robert

Fax 775-356-8917

Project Name

P.O. Number

Project Number 3438

Email mli@mettest.com

Additional Information

Fax Results Y N To: Client Billing

Email Results Y N To: Client Billing

Compliance Monitoring Y N

Fax Results to State EPA Y N

Sample Type Codes

DW = Drinking Water SD = Solid

WW = Wastewater

SO = Soil

SW = Surface Water

HW = Hazardous Waste

MW = Monitoring Well

OTHER: _____

SAMPLE ID/LOCATION

DATE TIME

604 867

Wk:16

5/20/11 9:00

605 033

WW 2

605 153

SRK 0854

SRK 0858

SRK 0864

SRK 0866

SRK 0867

SRK 0872

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Sample Received by	Sample Received by
Temperature 23°C	5/20/11	15:50	Tanya Ritter	Robert
Custody Seals Intact? Y N None				
Number of Containers _____				

NOTICE OF LIMITATION OF LIABILITY AND CONDITIONS OF SERVICE These conditions apply to all services provided by WETLAB. Payment in full is required before work is performed.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

5/20/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1104345

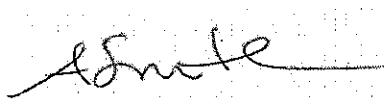
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 4/22/2011. Additional comments are located on page 2 of this report.

This is an amended report that includes results for Uranium as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1104345

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on samples 1104345-011 and 021 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

The cation/anion balance for sample 1104345-013 was outside WETLAB acceptance criteria; however, reanalysis confirmed the original results.

Due to the sample matrix it was necessary to analyze the following at a dilution:

1104345-017 Cadmium

1104345-018 Molybdenum

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 5/20/2011
OrderID: 1104345

Customer Sample ID: 604 562 WK:12
WETLAB Sample ID: 1104345-001

Collect Date/Time: 4/22/2011 09:00
Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.95	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	77	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	63	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/22/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	4/22/2011
Sulfate	EPA 300.0	100	SC mg/L	1.0	4/22/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/22/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/22/2011
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/25/2011
Barium	EPA 200.7	0.027	mg/L	0.010	4/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011
Calcium	EPA 200.7	51	mg/L	0.50	4/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Magnesium	EPA 200.7	9.5	mg/L	0.50	4/25/2011
Manganese	EPA 200.7	0.30	mg/L	0.0050	4/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/25/2011
Potassium	EPA 200.7	4.7	mg/L	0.50	4/25/2011

Customer Sample ID: 604 562 WK:12
 WETLAB Sample ID: 1104345-001

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Sodium	EPA 200.7	0.91	mg/L	0.50	4/25/2011
Strontium	EPA 200.7	0.48	mg/L	0.10	4/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Vanadium	EPA 200.7	0.017	mg/L	0.010	4/25/2011
Zinc	EPA 200.7	0.011	mg/L	0.010	4/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/26/2011
Anions	Calculation	3.41	meq/L	0.10	
Cations	Calculation	3.50	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 569 WK:12
 WETLAB Sample ID: 1104345-002

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.50	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	31	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	26	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	0.82	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	35	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	86	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.082	mg/L	0.045	4/25/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011

Customer Sample ID: 604 569 WK:12

WETLAB Sample ID: 1104345-002

Collect Date/Time: 4/22/2011 09:00

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	16	mg/L	0.50	4/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Magnesium	EPA 200.7	4.2	mg/L	0.50	4/25/2011
Manganese	EPA 200.7	0.080	mg/L	0.0050	4/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/25/2011
Potassium	EPA 200.7	2.6	mg/L	0.50	4/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Sodium	EPA 200.7	0.89	mg/L	0.50	4/25/2011
Strontium	EPA 200.7	0.13	mg/L	0.10	4/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/26/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/26/2011
Anions	Calculation	1.28	meq/L	0.10	
Cations	Calculation	1.26	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 606 WK:12

WETLAB Sample ID: 1104345-003

Collect Date/Time: 4/22/2011 09:00

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.71	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	67	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011

Customer Sample ID: 604 606 WK:12

WETLAB Sample ID: 1104345-003

Collect Date/Time: 4/22/2011 09:00

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	55	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	55	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.046	mg/L	0.045	4/25/2011
Barium	EPA 200.7	0.041	mg/L	0.010	4/25/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/25/2011
Calcium	EPA 200.7	33	mg/L	0.50	4/25/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/25/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Magnesium	EPA 200.7	6.0	mg/L	0.50	4/25/2011
Manganese	EPA 200.7	0.053	mg/L	0.0050	4/25/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/25/2011
Potassium	EPA 200.7	4.6	mg/L	0.50	4/25/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/25/2011
Sodium	EPA 200.7	1.2	mg/L	0.50	4/25/2011
Strontium	EPA 200.7	0.34	mg/L	0.10	4/25/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/25/2011
Vanadium	EPA 200.7	0.010	mg/L	0.010	4/25/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/25/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/26/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/26/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/26/2011
Uranium	EPA 200.8	0.024	mg/L	0.010	4/26/2011

Customer Sample ID: 604 606 WK:12
WETLAB Sample ID: 1104345-003

Collect Date/Time: 4/22/2011 09:00
Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.31	meq/L	0.10	
Cations	Calculation	2.32	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 653 WK:12
WETLAB Sample ID: 1104345-004

Collect Date/Time: 4/22/2011 09:00
Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.82	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	53	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	44	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	100	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.057	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.037	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	48	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	0.023	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	5.8	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.36	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.017	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	6.2	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011

Customer Sample ID: 604 653 WK:12
 WETLAB Sample ID: 1104345-004

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	1.4	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.37	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/19/2011
Anions	Calculation	3.02	meq/L	0.10	
Cations	Calculation	3.11	meq/L	0.10	
Error	Calculation	1.5	%	1.0	

Customer Sample ID: 604 656 WK:12
 WETLAB Sample ID: 1104345-005

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	82	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	50	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.015	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	40	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011

Customer Sample ID: 604 656 WK:12
 WETLAB Sample ID: 1104345-005

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	7.2	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.13	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.036	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	9.2	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	1.0	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.40	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.035	mg/L	0.010	5/19/2011
Anions	Calculation	2.76	meq/L	0.10	
Cations	Calculation	2.87	meq/L	0.10	
Error	Calculation	2.0	%	1.0	

Customer Sample ID: 604 669 WK:12
 WETLAB Sample ID: 1104345-006

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.69	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	72	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	59	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011

Customer Sample ID: 604 669 WK:12
 WETLAB Sample ID: 1104345-006

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.93	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	40	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.010	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	30	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	4.5	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.42	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	5.5	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	1.1	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.25	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.025	mg/L	0.010	4/27/2011
Anions	Calculation	2.06	meq/L	0.10	
Cations	Calculation	2.07	meq/L	0.10	

Customer Sample ID: 604 669 WK:12
 WETLAB Sample ID: 1104345-006

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:12
 WETLAB Sample ID: 1104345-007

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.82	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	9.8	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	8.0	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	0.34	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	31	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	56	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.038	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	12	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	1.5	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.017	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	3.2	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	0.84	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.10	mg/L	0.10	4/26/2011

Customer Sample ID: 604 673 WK:12
 WETLAB Sample ID: 1104345-007

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/27/2011
Anions	Calculation	0.82	meq/L	0.10	
Cations	Calculation	0.84	meq/L	0.10	
Error	Calculation	1.0	%	1.0	

Customer Sample ID: 604 767 WK:12
 WETLAB Sample ID: 1104345-008

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.21	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	27	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	22	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	130	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.039	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	48	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011

Customer Sample ID: 604 767 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-008

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	11	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.59	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	4.4	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	0.78	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.39	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	0.019	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	0.016	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	0.0063	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.018	mg/L	0.010	4/27/2011
Anions	Calculation	3.27	meq/L	0.10	
Cations	Calculation	3.47	meq/L	0.10	
Error	Calculation	2.9	%	1.0	

Customer Sample ID: 604 787 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-009

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.55	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	71	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	58	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	43	mg/L	1.0	4/23/2011

Customer Sample ID: 604 787 WK:12
 WETLAB Sample ID: 1104345-009

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	0.010	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	31	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	4.8	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.11	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.020	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	3.9	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	0.89	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.26	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.040	mg/L	0.010	4/27/2011
Anions	Calculation	2.12	meq/L	0.10	
Cations	Calculation	2.08	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:12

WETLAB Sample ID: 1104345-010

Collect Date/Time: 4/22/2011 09:00

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.97	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	88	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	37	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/26/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/26/2011
Calcium	EPA 200.7	38	mg/L	0.50	4/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Magnesium	EPA 200.7	7.5	mg/L	0.50	4/26/2011
Manganese	EPA 200.7	0.055	mg/L	0.0050	4/26/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	4/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/26/2011
Potassium	EPA 200.7	4.3	mg/L	0.50	4/26/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/26/2011
Sodium	EPA 200.7	0.58	mg/L	0.50	4/26/2011
Strontium	EPA 200.7	0.52	mg/L	0.10	4/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/26/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	4/26/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/26/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011

Customer Sample ID: 604 811 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-010

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	0.011	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.026	mg/L	0.010	4/27/2011
Anions	Calculation	2.67	meq/L	0.10	
Cations	Calculation	2.65	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 854 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-011

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.39	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	43	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	35	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.9	M mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	120	SC mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	270	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/27/2011
Barium	EPA 200.7	0.035	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Calcium	EPA 200.7	48	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	0.033	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	9.6	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	0.028	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011

Customer Sample ID: 604 854 WK:12
WETLAB Sample ID: 1104345-011

Collect Date/Time: 4/22/2011 09:00
Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	4.3	mg/L	0.50	4/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	0.46	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/27/2011
Anions	Calculation	3.30	meq/L	0.10	
Cations	Calculation	3.33	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 862 WK:12
WETLAB Sample ID: 1104345-012

Collect Date/Time: 4/22/2011 09:00
Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.94	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	4/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	92	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	46	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/27/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011

Customer Sample ID: 604 862 WK:12
WETLAB Sample ID: 1104345-012

Collect Date/Time: 4/22/2011 09:00

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Calcium	EPA 200.7	45	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	8.2	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.025	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	0.014	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	3.1	mg/L	0.50	4/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	0.53	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	0.71	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/19/2011
Anions	Calculation	2.90	meq/L	0.10	
Cations	Calculation	3.02	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Customer Sample ID: 604 867 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-013

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.56	pH Units		4/25/2011
Bicarbonate (HCO ₃)	SM 2320B	58	mg/L	1.0	4/25/2011

Customer Sample ID: 604 867 WK:12
 WETLAB Sample ID: 1104345-013

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/25/2011
Total Alkalinity	SM 2320B	48	mg/L as CaCO ₃	1.0	4/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	380	mg/L	10	5/3/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	450	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/27/2011
Barium	EPA 200.7	0.014	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Calcium	EPA 200.7	120	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Copper	EPA 200.7	0.055	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	4.5	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.21	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	3.9	mg/L	0.50	4/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	0.52	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	0.73	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	0.0061	mg/L	0.0050	4/27/2011

Customer Sample ID: 604 867 WK:12
 WETLAB Sample ID: 1104345-013

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/19/2011
Anions	Calculation	8.85	meq/L	0.10	
Cations	Calculation	6.49	meq/L	0.10	
Error	Calculation	15	%	1.0	

Customer Sample ID: 605 033 WK:12
 WETLAB Sample ID: 1104345-014

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.62	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	42	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	35	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	68	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.060	mg/L	0.045	4/27/2011
Barium	EPA 200.7	0.025	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Calcium	EPA 200.7	35	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	3.9	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.074	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	0.012	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	3.7	mg/L	0.50	4/27/2011

Customer Sample ID: 605 033 WK:12
 WETLAB Sample ID: 1104345-014

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	0.93	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	0.32	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.021	mg/L	0.010	5/19/2011
Anions	Calculation	2.18	meq/L	0.10	
Cations	Calculation	2.21	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 WK:12
 WETLAB Sample ID: 1104345-015

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.77	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	52	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	43	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	22	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.053	mg/L	0.045	4/27/2011
Barium	EPA 200.7	0.12	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011

Customer Sample ID: 605 153 WK:12
 WETLAB Sample ID: 1104345-015

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	20	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	3.5	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.036	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	3.5	mg/L	0.50	4/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	0.90	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	1.2	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	0.014	mg/L	0.010	5/19/2011
Anions	Calculation	1.38	meq/L	0.10	
Cations	Calculation	1.42	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: SRK 0854 WK:12
 WETLAB Sample ID: 1104345-016

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.15	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011

Customer Sample ID: SRK 0854 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-016

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	0.48	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	110	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	4/25/2011
Aluminum	EPA 200.7	0.13	mg/L	0.045	4/27/2011
Barium	EPA 200.7	0.012	mg/L	0.010	4/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Cadmium	EPA 200.7	0.0039	mg/L	0.0010	4/27/2011
Calcium	EPA 200.7	25	mg/L	0.50	4/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Cobalt	EPA 200.7	0.013	mg/L	0.010	4/27/2011
Copper	EPA 200.7	25	mg/L	0.050	4/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Magnesium	EPA 200.7	1.7	mg/L	0.50	4/27/2011
Manganese	EPA 200.7	0.39	mg/L	0.0050	4/27/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Potassium	EPA 200.7	1.7	mg/L	0.50	4/27/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/27/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	4/27/2011
Strontium	EPA 200.7	0.10	mg/L	0.10	4/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/27/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/27/2011
Zinc	EPA 200.7	0.27	mg/L	0.010	4/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/27/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/27/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Lead	EPA 200.8	0.0055	mg/L	0.0025	4/27/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/27/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/27/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	5/19/2011

Customer Sample ID: SRK 0854 WK:12
 WETLAB Sample ID: 1104345-016

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.32	meq/L	0.10	
Cations	Calculation	2.25	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: SRK 0858 WK:12
 WETLAB Sample ID: 1104345-017

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.56	pH Units		4/22/2011
Acidity (Titrimetric)	SM 2310B	120	mg/L as CaCO ₃		4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	4.9	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	230	mg/L	50	4/27/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	4/25/2011
Aluminum	EPA 200.7	7.4	mg/L	0.045	4/28/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Beryllium	EPA 200.7	0.0022	mg/L	0.0010	4/28/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	4/29/2011
Calcium	EPA 200.7	48	mg/L	0.50	4/28/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Cobalt	EPA 200.7	0.046	mg/L	0.010	4/28/2011
Copper	EPA 200.7	22	mg/L	0.050	4/28/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Iron	EPA 200.7	2.3	mg/L	0.010	4/28/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Magnesium	EPA 200.7	2.5	mg/L	0.50	4/28/2011
Manganese	EPA 200.7	0.78	mg/L	0.0050	4/28/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Nickel	EPA 200.7	0.014	mg/L	0.010	4/28/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	4/28/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Sodium	EPA 200.7	1.1	mg/L	0.50	4/28/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/28/2011

Customer Sample ID: SRK 0858 WK:12
 WETLAB Sample ID: 1104345-017

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Zinc	EPA 200.7	0.13	mg/L	0.010	4/28/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/28/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Lead	EPA 200.8	0.0029	mg/L	0.0025	4/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/28/2011
Uranium	EPA 200.8	0.047	mg/L	0.010	4/28/2011
Anions	Calculation	5.05	meq/L	0.10	
Cations	Calculation	5.60	meq/L	0.10	
Error	Calculation	5.2	%	1.0	

Customer Sample ID: SRK 0864 WK:12
 WETLAB Sample ID: 1104345-018

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.00	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	30	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	24	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	0.86	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	7.2	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	42	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/28/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Calcium	EPA 200.7	8.9	mg/L	0.50	4/28/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/28/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011

Customer Sample ID: SRK 0864 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-018

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	0.014	mg/L	0.010	4/28/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Magnesium	EPA 200.7	1.6	mg/L	0.50	4/28/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	4/29/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Potassium	EPA 200.7	0.81	mg/L	0.50	4/28/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Sodium	EPA 200.7	1.3	mg/L	0.50	4/28/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/28/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/28/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/28/2011
Anions	Calculation	0.69	meq/L	0.10	
Cations	Calculation	0.65	meq/L	0.10	
Error	Calculation	2.5	%	1.0	

Customer Sample ID: SRK 0866 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-019

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.94	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	9.4	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	7.7	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	0.61	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	33	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011

Customer Sample ID: SRK 0866 WK:12
 WETLAB Sample ID: 1104345-019

Collect Date/Time: 4/22/2011 09:00
 Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	82	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/28/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Calcium	EPA 200.7	13	mg/L	0.50	4/28/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/28/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Magnesium	EPA 200.7	1.4	mg/L	0.50	4/28/2011
Manganese	EPA 200.7	0.0060	mg/L	0.0050	4/28/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Potassium	EPA 200.7	2.2	mg/L	0.50	4/28/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Sodium	EPA 200.7	0.75	mg/L	0.50	4/28/2011
Strontium	EPA 200.7	0.12	mg/L	0.10	4/28/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/28/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/28/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/28/2011
Anions	Calculation	0.87	meq/L	0.10	
Cations	Calculation	0.85	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: SRK 0867 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-020

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.31	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	28	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	23	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	75	mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/28/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Calcium	EPA 200.7	39	mg/L	0.50	4/28/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/28/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Magnesium	EPA 200.7	2.3	mg/L	0.50	4/28/2011
Manganese	EPA 200.7	0.17	mg/L	0.0050	4/28/2011
Molybdenum	EPA 200.7	0.019	mg/L	0.010	4/28/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Potassium	EPA 200.7	0.97	mg/L	0.50	4/28/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/28/2011
Antimony	EPA 200.8	0.0052	mg/L	0.0025	4/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011

Customer Sample ID: SRK 0867 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-020

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/28/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/28/2011
Anions	Calculation	2.12	meq/L	0.10	
Cations	Calculation	2.17	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: SRK 0872 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-021

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.10	pH Units		4/22/2011
Bicarbonate (HCO ₃)	SM 2320B	15	mg/L	1.0	4/22/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	4/22/2011
Total Alkalinity	SM 2320B	12	mg/L as CaCO ₃	1.0	4/22/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	4/23/2011
Fluoride	EPA 300.0	1.9	M mg/L	0.10	4/23/2011
Sulfate	EPA 300.0	160	SC mg/L	1.0	4/23/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	4/23/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	4/23/2011
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	4/25/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/28/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/28/2011
Calcium	EPA 200.7	74	mg/L	0.50	4/28/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/28/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Magnesium	EPA 200.7	0.78	mg/L	0.50	4/28/2011
Manganese	EPA 200.7	0.092	mg/L	0.0050	4/28/2011
Molybdenum	EPA 200.7	0.020	mg/L	0.010	4/28/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/28/2011

Customer Sample ID: SRK 0872 WK:12

Collect Date/Time: 4/22/2011 09:00

WETLAB Sample ID: 1104345-021

Receive Date: 4/22/2011 16:00

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Potassium	EPA 200.7	0.52	mg/L	0.50	4/28/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/28/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	4/28/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/28/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/28/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/28/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/28/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/28/2011
Anions	Calculation	3.68	meq/L	0.10	
Cations	Calculation	3.77	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1104691	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1104691	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1104691	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1104693	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1104693	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1104693	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1104695	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104695	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104695	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104696	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104696	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104698	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104698	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104698	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104699	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104699	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104701	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1104701	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1104701	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1104706	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1104706	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1104707	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1104707	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1104707	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1104710	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104710	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104710	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1104711	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104711	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104711	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1104712	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1104712	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1104761	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1104783	Blank 1	Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1104784	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1104794	Blank 1	Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1104799	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1104800	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1104802	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1104802	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1104813	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1104813	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1104813	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1104830	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
QC1104845	Blank 1	Tin	EPA 200.7	<0.10	mg/L		
		Titanium	EPA 200.7	<0.10	mg/L		
		Vanadium	EPA 200.7	<0.010	mg/L		
		Zinc	EPA 200.7	<0.010	mg/L		
		Mercury	EPA 200.8	<0.00010	mg/L		
		Antimony	EPA 200.8	<0.0025	mg/L		
		Arsenic	EPA 200.8	<0.0050	mg/L		
		Lead	EPA 200.8	<0.0025	mg/L		
		Selenium	EPA 200.8	<0.0050	mg/L		
		Thallium	EPA 200.8	<0.0010	mg/L		
		Uranium	EPA 200.8	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1104687	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1104687	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1104689	LCS 1	Alkalinity	SM 2320B	105	100	105	mg/L
QC1104689	LCS 2	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC1104691	LCS 1	Fluoride	EPA 300.0	1.83	2.00	91	mg/L
QC1104693	LCS 1	Chloride	EPA 300.0	10.4	10.0	104	mg/L
QC1104695	LCS 1	Nitrite Nitrogen	EPA 300.0	0.531	0.500	106	mg/L
QC1104696	LCS 1	Nitrite Nitrogen	EPA 300.0	0.531	0.500	106	mg/L
QC1104698	LCS 1	Nitrate Nitrogen	EPA 300.0	1.99	2.00	99	mg/L
QC1104699	LCS 1	Nitrate Nitrogen	EPA 300.0	1.99	2.00	99	mg/L
QC1104701	LCS 1	Sulfate	EPA 300.0	24.7	25.0	99	mg/L
QC1104706	LCS 1	Fluoride	EPA 300.0	1.81	2.00	90	mg/L
QC1104707	LCS 1	Chloride	EPA 300.0	10.4	10.0	104	mg/L
QC1104710	LCS 1	Nitrite Nitrogen	EPA 300.0	0.507	0.500	101	mg/L
QC1104711	LCS 1	Nitrate Nitrogen	EPA 300.0	1.99	2.00	99	mg/L
QC1104712	LCS 1	Sulfate	EPA 300.0	24.9	25.0	100	mg/L
QC1104736	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1104736	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1104737	LCS 1	Alkalinity	SM 2320B	95.2	100	95	mg/L
QC1104761	LCS 1	Aluminum	EPA 200.7	0.972	1.00	97	mg/L
		Barium	EPA 200.7	0.958	1.00	96	mg/L
		Beryllium	EPA 200.7	0.950	1.00	95	mg/L
		Bismuth	EPA 200.7	0.976	1.00	98	mg/L
		Boron	EPA 200.7	0.946	1.00	95	mg/L
		Cadmium	EPA 200.7	0.961	1.00	96	mg/L
		Calcium	EPA 200.7	9.41	10.0	94	mg/L
		Chromium	EPA 200.7	0.948	1.00	95	mg/L
		Cobalt	EPA 200.7	0.953	1.00	95	mg/L
		Copper	EPA 200.7	4.77	5.00	95	mg/L
		Gallium	EPA 200.7	0.960	1.00	96	mg/L
		Iron	EPA 200.7	0.918	1.00	92	mg/L
		Lithium	EPA 200.7	0.954	1.00	95	mg/L
		Magnesium	EPA 200.7	9.15	10.0	92	mg/L
		Manganese	EPA 200.7	0.955	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.945	1.00	94	mg/L
		Nickel	EPA 200.7	4.76	5.00	95	mg/L
		Phosphorus	EPA 200.7	4.65	5.00	93	mg/L
		Potassium	EPA 200.7	9.92	10.0	99	mg/L
		Scandium	EPA 200.7	0.944	1.00	94	mg/L
		Silver	EPA 200.7	0.088	0.090	97	mg/L
		Sodium	EPA 200.7	9.88	10.0	99	mg/L
		Strontium	EPA 200.7	0.990	1.00	99	mg/L
		Tin	EPA 200.7	0.938	1.00	94	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1104783	LCS 1	Titanium	EPA 200.7	0.943	1.00	94	mg/L
		Vanadium	EPA 200.7	0.959	1.00	96	mg/L
		Zinc	EPA 200.7	0.964	1.00	96	mg/L
		Aluminum	EPA 200.7	0.946	1.00	95	mg/L
		Barium	EPA 200.7	0.965	1.00	96	mg/L
		Beryllium	EPA 200.7	0.974	1.00	97	mg/L
		Bismuth	EPA 200.7	0.969	1.00	97	mg/L
		Boron	EPA 200.7	0.934	1.00	93	mg/L
		Cadmium	EPA 200.7	0.990	1.00	99	mg/L
		Calcium	EPA 200.7	9.72	10.0	97	mg/L
		Chromium	EPA 200.7	0.948	1.00	95	mg/L
		Cobalt	EPA 200.7	0.960	1.00	96	mg/L
		Copper	EPA 200.7	4.72	5.00	94	mg/L
		Gallium	EPA 200.7	0.949	1.00	95	mg/L
		Iron	EPA 200.7	0.876	1.00	88	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	9.04	10.0	90	mg/L
		Manganese	EPA 200.7	0.982	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.968	1.00	97	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.75	5.00	95	mg/L
		Potassium	EPA 200.7	10.5	10.0	105	mg/L
		Scandium	EPA 200.7	0.948	1.00	95	mg/L
		Silver	EPA 200.7	0.082	0.090	92	mg/L
		Sodium	EPA 200.7	10.5	10.0	105	mg/L
		Strontium	EPA 200.7	1.03	1.00	103	mg/L
		Tin	EPA 200.7	0.977	1.00	98	mg/L
		Titanium	EPA 200.7	0.897	1.00	90	mg/L
		Vanadium	EPA 200.7	0.960	1.00	96	mg/L
		Zinc	EPA 200.7	0.995	1.00	100	mg/L
QC1104784	LCS 1	Aluminum	EPA 200.7	0.946	1.00	95	mg/L
		Barium	EPA 200.7	0.965	1.00	96	mg/L
		Beryllium	EPA 200.7	0.974	1.00	97	mg/L
		Bismuth	EPA 200.7	0.969	1.00	97	mg/L
		Boron	EPA 200.7	0.934	1.00	93	mg/L
		Cadmium	EPA 200.7	0.990	1.00	99	mg/L
		Calcium	EPA 200.7	9.72	10.0	97	mg/L
		Chromium	EPA 200.7	0.948	1.00	95	mg/L
		Cobalt	EPA 200.7	0.960	1.00	96	mg/L
		Copper	EPA 200.7	4.72	5.00	94	mg/L
		Gallium	EPA 200.7	0.949	1.00	95	mg/L
		Iron	EPA 200.7	0.876	1.00	88	mg/L
		Lithium	EPA 200.7	1.07	1.00	107	mg/L
		Magnesium	EPA 200.7	9.04	10.0	90	mg/L
		Manganese	EPA 200.7	0.982	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.968	1.00	97	mg/L
		Nickel	EPA 200.7	4.85	5.00	97	mg/L
		Phosphorus	EPA 200.7	4.75	5.00	95	mg/L
		Potassium	EPA 200.7	10.5	10.0	105	mg/L
		Scandium	EPA 200.7	0.948	1.00	95	mg/L
		Silver	EPA 200.7	0.082	0.090	92	mg/L
		Sodium	EPA 200.7	10.5	10.0	105	mg/L
		Strontium	EPA 200.7	1.03	1.00	103	mg/L
		Tin	EPA 200.7	0.977	1.00	98	mg/L
		Titanium	EPA 200.7	0.897	1.00	90	mg/L
		Vanadium	EPA 200.7	0.960	1.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1104794	LCS 1	Zinc	EPA 200.7	0.995	1.00	100	mg/L
		Mercury	EPA 200.8	0.001002	0.001	100	mg/L
		Antimony	EPA 200.8	0.0092	0.010	92	mg/L
		Arsenic	EPA 200.8	0.0477	0.050	95	mg/L
		Lead	EPA 200.8	0.0097	0.010	97	mg/L
		Selenium	EPA 200.8	0.0458	0.050	92	mg/L
		Thallium	EPA 200.8	0.0097	0.010	97	mg/L
QC1104799	LCS 1	Uranium	EPA 200.8	0.0098	0.010	98	mg/L
		Mercury	EPA 200.8	0.001010	0.001	101	mg/L
		Antimony	EPA 200.8	0.0103	0.010	103	mg/L
		Arsenic	EPA 200.8	0.0529	0.050	106	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0492	0.050	98	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
QC1104800	LCS 1	Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
		Mercury	EPA 200.8	0.001010	0.001	101	mg/L
		Antimony	EPA 200.8	0.0103	0.010	103	mg/L
		Arsenic	EPA 200.8	0.0529	0.050	106	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0492	0.050	98	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
QC1104802	LCS 1	Uranium	EPA 200.8	<0.0100	0.010	94	mg/L
		Total Dissolved Solids (TDS)	SM 2540C	157	150	105	mg/L
QC1104802	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L
QC1104813	LCS 1	Sulfate	EPA 300.0	24.8	25.0	99	mg/L
QC1104830	LCS 1	Aluminum	EPA 200.7	0.961	1.00	96	mg/L
		Barium	EPA 200.7	0.982	1.00	98	mg/L
		Beryllium	EPA 200.7	0.981	1.00	98	mg/L
		Bismuth	EPA 200.7	0.977	1.00	98	mg/L
		Boron	EPA 200.7	0.935	1.00	94	mg/L
		Cadmium	EPA 200.7	0.979	1.00	98	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	0.969	1.00	97	mg/L
		Cobalt	EPA 200.7	0.981	1.00	98	mg/L
		Copper	EPA 200.7	4.72	5.00	94	mg/L
		Gallium	EPA 200.7	0.979	1.00	98	mg/L
		Iron	EPA 200.7	1.02	1.00	102	mg/L
		Lithium	EPA 200.7	0.936	1.00	94	mg/L
		Magnesium	EPA 200.7	10.3	10.0	103	mg/L
		Manganese	EPA 200.7	0.979	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.991	1.00	99	mg/L
		Nickel	EPA 200.7	4.88	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.92	5.00	98	mg/L
		Potassium	EPA 200.7	9.61	10.0	96	mg/L
		Scandium	EPA 200.7	0.983	1.00	98	mg/L
		Silver	EPA 200.7	0.087	0.090	96	mg/L
		Sodium	EPA 200.7	9.67	10.0	97	mg/L
		Strontium	EPA 200.7	0.966	1.00	97	mg/L
		Tin	EPA 200.7	0.982	1.00	98	mg/L
		Titanium	EPA 200.7	1.01	1.00	101	mg/L
		Vanadium	EPA 200.7	0.976	1.00	98	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
QC1104845	LCS 1	Mercury	EPA 200.8	0.001011	0.001	101	mg/L
		Antimony	EPA 200.8	0.0096	0.010	96	mg/L
		Arsenic	EPA 200.8	0.0488	0.050	98	mg/L
		Lead	EPA 200.8	0.0100	0.010	100	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units					
		Selenium	EPA 200.8	0.0498	0.050	100	mg/L					
		Thallium	EPA 200.8	0.0099	0.010	99	mg/L					
		Uranium	EPA 200.8	<0.0100	0.010	97	mg/L					
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1104687	Duplicate 1	pH	SM 4500-H+ B	1104339-002	6.05	6.14	pH Units	1 %				
QC1104687	Duplicate 2	pH	SM 4500-H+ B	1104341-001	9.83	9.84	pH Units	<1%				
QC1104687	Duplicate 3	pH	SM 4500-H+ B	1104346-001	7.54	7.61	pH Units	1 %				
QC1104689	Duplicate 1	Bicarbonate (HCO ₃)	SM 2320B	1104339-002	1.43	1.33	mg/L	7 %				
		Carbonate (CO ₃)	SM 2320B	1104339-002	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1104339-002	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1104339-002	1.17	1.09	mg/L as CaCO ₃	7 %				
QC1104689	Duplicate 2	Bicarbonate (HCO ₃)	SM 2320B	1104341-001	47.9	45.2	mg/L	6 %				
		Carbonate (CO ₃)	SM 2320B	1104341-001	248	249	mg/L	1 %				
		Hydroxide (OH)	SM 2320B	1104341-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1104341-001	450	451	mg/L as CaCO ₃	<1%				
QC1104689	Duplicate 3	Bicarbonate (HCO ₃)	SM 2320B	1104346-001	44.3	44.3	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1104346-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1104346-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1104346-001	36.3	36.4	mg/L as CaCO ₃	<1%				
QC1104736	Duplicate 1	pH	SM 4500-H+ B	1104345-009	7.55	7.61	pH Units	1 %				
QC1104736	Duplicate 2	pH	SM 4500-H+ B	1104353-001	9.21	9.22	pH Units	<1%				
QC1104736	Duplicate 3	pH	SM 4500-H+ B	1104353-002	9.29	9.30	pH Units	<1%				
QC1104736	Duplicate 4	pH	SM 4500-H+ B	1104356-005	7.14	7.13	pH Units	<1%				
QC1104737	Duplicate 1	Bicarbonate (HCO ₃)	SM 2320B	1104345-009	71.3	71.4	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1104345-009	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1104345-009	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1104345-009	58.5	58.5	mg/L as CaCO ₃	<1%				
QC1104737	Duplicate 2	Bicarbonate (HCO ₃)	SM 2320B	1104353-001	146	144	mg/L	1 %				
		Carbonate (CO ₃)	SM 2320B	1104353-001	59.9	60.8	mg/L	1 %				
		Hydroxide (OH)	SM 2320B	1104353-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1104353-001	219	219	mg/L as CaCO ₃	<1%				
QC1104802	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1104284-001	62.0	58.0	mg/L	7 %				
QC1104802	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1104284-002	195	178	Q	9 %				
QC1104802	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1104345-003	148	151	mg/L	2 %				
QC1104802	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1104345-009	132	137	mg/L	4 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1104691	MS 1	Fluoride	EPA 300.0	1104345-001	1.33	3.03	3.05	2.00	mg/L	85	86	1 %
QC1104691	MS 2	Fluoride	EPA 300.0	1104345-011	1.90	M	3.46	3.47	mg/L	NC	NC	NC
QC1104693	MS 1	Chloride	EPA 300.0	1104345-001	<1.000	5.32	5.36	5.00	mg/L	105	106	1 %
QC1104693	MS 2	Chloride	EPA 300.0	1104345-011	<1.000	5.30	5.33	5.00	mg/L	104	105	1 %
QC1104695	MS 1	Nitrite Nitrogen	EPA 300.0	1104317-001	<0.025	0.496	0.503	0.500	mg/L	99	101	1 %
QC1104695	MS 2	Nitrite Nitrogen	EPA 300.0	1104345-001	<0.025	0.488	0.489	0.500	mg/L	98	98	<1%
QC1104696	MS 1	Nitrite Nitrogen	EPA 300.0	1104345-011	<0.025	0.468	0.501	0.500	mg/L	94	100	7 %
QC1104698	MS 1	Nitrate Nitrogen	EPA 300.0	1104317-001	<1.000	2.96	2.99	2.00	mg/L	99	100	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1104698	MS 2	Nitrate Nitrogen	EPA 300.0	1104345-001	<1.000	2.03	2.04	2.00	mg/L	100	100	<1%
QC1104699	MS 1	Nitrate Nitrogen	EPA 300.0	1104345-011	<1.000	2.01	2.03	2.00	mg/L	99	99	1 %
QC1104701	MS 1	Sulfate	EPA 300.0	1104345-001	101	SC 109	109	10.0	mg/L	NC	NC	NC
QC1104701	MS 2	Sulfate	EPA 300.0	1104345-011	117	SC 124	124	10.0	mg/L	NC	NC	NC
QC1104706	MS 1	Fluoride	EPA 300.0	1104345-021	1.90	M 3.47	3.46	2.00	mg/L	NC	NC	NC
QC1104707	MS 1	Chloride	EPA 300.0	1104345-021	<1.000	5.33	5.33	5.00	mg/L	105	105	<1%
QC1104707	MS 2	Chloride	EPA 300.0	1104350-006	300	57.4	57.2	5.00	mg/L	90	84	<1%
QC1104710	MS 1	Nitrite Nitrogen	EPA 300.0	1104345-021	<0.025	0.497	0.519	0.500	mg/L	99	104	4 %
QC1104710	MS 2	Nitrite Nitrogen	EPA 300.0	1104350-006	2.19	0.426	0.405	0.500	mg/L	85	81	5 %
QC1104711	MS 1	Nitrate Nitrogen	EPA 300.0	1104345-021	<1.000	2.03	2.02	2.00	mg/L	99	99	<1%
QC1104711	MS 2	Nitrate Nitrogen	EPA 300.0	1104350-006	4444	2.47	2.50	2.00	mg/L	101	102	1 %
QC1104712	MS 1	Sulfate	EPA 300.0	1104345-021	159	SC 164	164	10.0	mg/L	NC	NC	NC
QC1104761	MS 1	Aluminum, Dissolved	EPA 200.7	1104311-003	0.336	M 2.08	2.00	1.00	mg/L	NC	NC	NC
		Barium, Dissolved	EPA 200.7	1104311-003	0.013	0.971	0.964	1.00	mg/L	96	95	1 %
		Beryllium, Dissolved	EPA 200.7	1104311-003	<0.001	0.956	0.947	1.00	mg/L	96	95	1 %
		Bismuth, Dissolved	EPA 200.7	1104311-003	<0.100	0.974	0.965	1.00	mg/L	97	96	1 %
		Boron, Dissolved	EPA 200.7	1104311-003	<0.100	1.03	1.02	1.00	mg/L	96	95	1 %
		Cadmium, Dissolved	EPA 200.7	1104311-003	<0.001	0.970	0.956	1.00	mg/L	97	96	1 %
		Calcium, Dissolved	EPA 200.7	1104311-003	5.94	15.5	15.2	10.0	mg/L	96	93	2 %
		Chromium, Dissolved	EPA 200.7	1104311-003	<0.005	0.946	0.942	1.00	mg/L	95	94	<1%
		Cobalt, Dissolved	EPA 200.7	1104311-003	<0.010	0.960	0.950	1.00	mg/L	96	95	1 %
		Copper, Dissolved	EPA 200.7	1104311-003	<0.050	4.90	4.86	5.00	mg/L	98	97	1 %
		Gallium, Dissolved	EPA 200.7	1104311-003	<0.100	0.960	0.955	1.00	mg/L	96	95	1 %
		Iron, Dissolved	EPA 200.7	1104311-003	0.231	1.47	1.43	1.00	mg/L	124	120	3 %
		Lithium, Dissolved	EPA 200.7	1104311-003	<0.100	0.975	0.974	1.00	mg/L	97	97	<1%
		Magnesium, Dissolved	EPA 200.7	1104311-003	1.02	10.3	10.1	10.0	mg/L	93	91	2 %
		Manganese, Dissolved	EPA 200.7	1104311-003	0.007	0.968	0.951	1.00	mg/L	96	94	2 %
		Molybdenum, Dissolved	EPA 200.7	1104311-003	<0.010	0.956	0.936	1.00	mg/L	95	93	2 %
		Nickel, Dissolved	EPA 200.7	1104311-003	<0.010	4.75	4.70	5.00	mg/L	95	94	1 %
		Phosphorus, Dissolved	EPA 200.7	1104311-003	<0.500	4.82	4.72	5.00	mg/L	96	94	2 %
		Potassium, Dissolved	EPA 200.7	1104311-003	0.610	10.9	10.9	10.0	mg/L	103	103	<1%
		Scandium, Dissolved	EPA 200.7	1104311-003	<0.100	0.950	0.946	1.00	mg/L	95	95	<1%
		Silver, Dissolved	EPA 200.7	1104311-003	<0.005	0.088	0.087	0.090	mg/L	96	95	1 %
		Sodium, Dissolved	EPA 200.7	1104311-003	19.3	29.7	29.2	10.0	mg/L	104	99	2 %
		Strontium, Dissolved	EPA 200.7	1104311-003	<0.100	1.05	1.04	1.00	mg/L	100	99	1 %
		Tin, Dissolved	EPA 200.7	1104311-003	<0.100	0.934	0.913	1.00	mg/L	95	93	2 %
		Titanium, Dissolved	EPA 200.7	1104311-003	<0.100	0.956	0.957	1.00	mg/L	95	95	<1%
		Vanadium, Dissolved	EPA 200.7	1104311-003	<0.010	0.970	0.961	1.00	mg/L	97	96	1 %
		Zinc, Dissolved	EPA 200.7	1104311-003	0.042	1.03	1.01	1.00	mg/L	99	97	2 %
QC1104783	MS 1	Aluminum	EPA 200.7	1104330-002	0.072	1.06	1.04	1.00	mg/L	99	97	2 %
		Barium	EPA 200.7	1104330-002	<0.010	0.970	0.947	1.00	mg/L	96	94	2 %
		Beryllium	EPA 200.7	1104330-002	<0.001	0.999	0.994	1.00	mg/L	100	99	1 %
		Bismuth	EPA 200.7	1104330-002	<0.100	1.02	0.999	1.00	mg/L	104	102	2 %
		Boron	EPA 200.7	1104330-002	<0.100	0.969	0.958	1.00	mg/L	102	101	1 %
		Cadmium	EPA 200.7	1104330-002	0.002	1.01	0.980	1.00	mg/L	101	98	3 %
		Calcium	EPA 200.7	1104330-002	521	SC 562	572	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1104330-002	<0.005	0.958	0.940	1.00	mg/L	96	94	2 %
		Cobalt	EPA 200.7	1104330-002	<0.010	0.970	0.948	1.00	mg/L	97	94	2 %
		Copper	EPA 200.7	1104330-002	<0.050	5.45	5.39	5.00	mg/L	109	108	1 %
		Gallium	EPA 200.7	1104330-002	<0.100	0.979	0.962	1.00	mg/L	97	95	2 %
		Iron	EPA 200.7	1104330-002	26.7	SC 29.3	30.2	1.00	mg/L	NC	NC	NC
		Lithium	EPA 200.7	1104330-002	<0.100	1.06	1.01	1.00	mg/L	106	101	5 %
		Magnesium	EPA 200.7	1104330-002	25.2	34.7	35.4	10.0	mg/L	95	102	2 %
		Manganese	EPA 200.7	1104330-002	0.925	1.96	1.93	1.00	mg/L	103	100	2 %
		Molybdenum	EPA 200.7	1104330-002	<0.010	0.995	0.972	1.00	mg/L	100	98	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1104784	MS 1	Nickel	EPA 200.7	1104330-002	<0.010	4.92	4.80	5.00	mg/L	98	96	2 %
		Phosphorus	EPA 200.7	1104330-002	<0.500	5.38	5.23	5.00	mg/L	108	105	3 %
		Potassium	EPA 200.7	1104330-002	8.78	20.8	20.2	10.0	mg/L	120	114	3 %
		Scandium	EPA 200.7	1104330-002	<0.100	0.961	0.956	1.00	mg/L	96	96	1 %
		Silver	EPA 200.7	1104330-002	<0.005	0.082	0.081	0.090	mg/L	97	95	1 %
		Sodium	EPA 200.7	1104330-002	23.2	34.6	34.2	10.0	mg/L	114	110	1 %
		Strontium	EPA 200.7	1104330-002	<0.100	0.988	0.964	1.00	mg/L	97	95	2 %
		Tin	EPA 200.7	1104330-002	<0.100	0.953	0.933	1.00	mg/L	104	102	2 %
		Titanium	EPA 200.7	1104330-002	<0.100	0.949	0.962	1.00	mg/L	95	97	1 %
		Vanadium	EPA 200.7	1104330-002	0.036	1.04	1.02	1.00	mg/L	100	98	2 %
		Zinc	EPA 200.7	1104330-002	0.211	1.23	1.20	1.00	mg/L	102	99	2 %
		Aluminum	EPA 200.7	1104330-001	1160	SC 1140	1110	1.00	mg/L	NC	NC	NC
		Barium	EPA 200.7	1104330-001	0.334	M 0.926	0.750	1.00	mg/L	NC	NC	NC
		Beryllium	EPA 200.7	1104330-001	<0.010	0.841	0.850	1.00	mg/L	83	84	1 %
		Bismuth	EPA 200.7	1104330-001	1.79	2.64	2.86	1.00	mg/L	85	107	8 %
		Boron	EPA 200.7	1104330-001	<1.000	0.907	1.22	1.00	mg/L	78	110	29 %
		Cadmium	EPA 200.7	1104330-001	2.16	2.95	2.91	1.00	mg/L	79	75	1 %
		Calcium	EPA 200.7	1104330-001	416	SC 387	414	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1104330-001	0.063	0.865	0.936	1.00	mg/L	80	87	8 %
		Cobalt	EPA 200.7	1104330-001	21.5	SC 21.7	23.1	1.00	mg/L	NC	NC	NC
		Copper	EPA 200.7	1104330-001	156	SC 157	160	5.00	mg/L	NC	NC	NC
		Gallium	EPA 200.7	1104330-001	2.86	3.67	3.77	1.00	mg/L	81	91	3 %
		Iron	EPA 200.7	1104330-001	15600	SC 16300	16700	1.00	mg/L	NC	NC	NC
		Lithium	EPA 200.7	1104330-001	<1.000	2.04	1.80	1.00	mg/L	104	80	12 %
		Magnesium	EPA 200.7	1104330-001	1430	SC 1350	1620	10.0	mg/L	NC	NC	NC
		Manganese	EPA 200.7	1104330-001	129	SC 126	122	1.00	mg/L	NC	NC	NC
		Molybdenum	EPA 200.7	1104330-001	<0.100	0.238	0.262	1.00	mg/L	81	83	10 %
		Nickel	EPA 200.7	1104330-001	5.01	8.66	9.11	5.00	mg/L	73	82	5 %
		Phosphorus	EPA 200.7	1104330-001	13.6	M 16.9	17.8	5.00	mg/L	NC	NC	NC
		Potassium	EPA 200.7	1104330-001	<5.000	4.51	5.42	10.0	mg/L	96	105	18 %
		Scandium	EPA 200.7	1104330-001	<1.000	0.867	0.914	1.00	mg/L	85	89	5 %
		Silver	EPA 200.7	1104330-001	<0.050	M -0.013	<0.050	0.090	mg/L	NC	NC	NC
		Sodium	EPA 200.7	1104330-001	7.59	17.2	17.9	10.0	mg/L	96	103	4 %
		Strontium	EPA 200.7	1104330-001	<1.000	0.912	0.842	1.00	mg/L	90	83	8 %
		Tin	EPA 200.7	1104330-001	<1.000	M 0.333	0.082	1.00	mg/L	NC	NC	NC
		Titanium	EPA 200.7	1104330-001	<1.000	0.885	1.02	1.00	mg/L	79	93	14 %
		Vanadium	EPA 200.7	1104330-001	0.528	1.35	1.40	1.00	mg/L	82	87	4 %
		Zinc	EPA 200.7	1104330-001	111	SC 109	115	1.00	mg/L	NC	NC	NC
QC1104794	MS 1	Uranium, Dissolved	EPA 200.8	1104311-003	<0.0100	0.0107	0.0108	0.010	mg/L	107	108	1 %
		Mercury, Dissolved	EPA 200.8	1104311-003	0.000818	0.002029	0.002035	0.001	mg/L	121	122	<1%
		Antimony, Dissolved	EPA 200.8	1104311-003	<0.0025	0.0106	0.0105	0.010	mg/L	92	90	1 %
		Arsenic, Dissolved	EPA 200.8	1104311-003	0.0124	0.0622	0.0619	0.050	mg/L	100	99	<1%
		Lead, Dissolved	EPA 200.8	1104311-003	0.0038	0.0155	0.0154	0.010	mg/L	116	115	1 %
		Selenium, Dissolved	EPA 200.8	1104311-003	<0.0050	0.0474	0.0467	0.050	mg/L	95	93	1 %
		Thallium, Dissolved	EPA 200.8	1104311-003	<0.0010	0.0101	0.0101	0.010	mg/L	101	101	<1%
QC1104799	MS 1	Mercury	EPA 200.8	1104330-002	<0.000100	0.000954	0.000954	0.001	mg/L	95	95	<1%
		Antimony	EPA 200.8	1104330-002	<0.0025	0.0102	0.0106	0.010	mg/L	100	104	4 %
		Arsenic	EPA 200.8	1104330-002	0.0694	0.1281	0.1294	0.050	mg/L	117	120	1 %
		Lead	EPA 200.8	1104330-002	<0.0025	0.0105	0.0105	0.010	mg/L	104	104	<1%
		Selenium	EPA 200.8	1104330-002	<0.0050	0.0602	0.0611	0.050	mg/L	112	114	1 %
		Thallium	EPA 200.8	1104330-002	<0.0010	0.0107	0.0105	0.010	mg/L	107	105	2 %
		Uranium	EPA 200.8	1104330-002	<0.0100	0.0113	0.0114	0.010	mg/L	113	114	1 %
QC1104800	MS 1	Mercury	EPA 200.8	1104330-001	<0.001000 M	<0.001000	<0.001000	0.001	mg/L	NC	NC	NC
		Antimony	EPA 200.8	1104330-001	<0.0100	0.0186	0.0190	0.010	mg/L	89	93	2 %
		Arsenic	EPA 200.8	1104330-001	0.2029	0.2625	0.2625	0.050	mg/L	119	119	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1104813	MS 1	Lead	EPA 200.8	1104330-001	0.0108	0.0192	0.0199	0.010	mg/L	84	91	4 %
		Selenium	EPA 200.8	1104330-001	0.1612	M	0.2305	0.050	mg/L	NC	NC	NC
		Thallium	EPA 200.8	1104330-001	<0.0100	<0.0100	0.0103	0.010	mg/L	92	97	#Error
		Uranium	EPA 200.8	1104330-001	0.4166	SC	0.4268	0.4442	0.010	mg/L	NC	NC
		Sulfate	EPA 300.0	1104345-013	375		855	816	10.0	mg/L	82	74
		Sulfate	EPA 300.0	1104377-001	66.2	SC	73.8	74.1	10.0	mg/L	NC	NC
		Aluminum	EPA 200.7	1104368-001	<0.045		0.952	0.938	1.00	mg/L	94	93
		Barium	EPA 200.7	1104368-001	0.014		0.993	0.981	1.00	mg/L	98	97
		Beryllium	EPA 200.7	1104368-001	<0.001		0.974	0.970	1.00	mg/L	97	97
		Bismuth	EPA 200.7	1104368-001	<0.100		0.979	0.964	1.00	mg/L	99	98
		Boron	EPA 200.7	1104368-001	<0.100		0.961	0.952	1.00	mg/L	96	95
		Cadmium	EPA 200.7	1104368-001	<0.001		0.968	0.956	1.00	mg/L	97	96
		Calcium	EPA 200.7	1104368-001	18.0		27.7	27.5	10.0	mg/L	97	95
		Chromium	EPA 200.7	1104368-001	<0.005		0.967	0.953	1.00	mg/L	97	95
		Cobalt	EPA 200.7	1104368-001	<0.010		0.949	0.936	1.00	mg/L	95	94
		Copper	EPA 200.7	1104368-001	<0.050		4.70	4.63	5.00	mg/L	94	93
		Gallium	EPA 200.7	1104368-001	<0.100		0.977	0.963	1.00	mg/L	98	96
		Iron	EPA 200.7	1104368-001	0.011		1.03	1.00	1.00	mg/L	102	99
		Lithium	EPA 200.7	1104368-001	<0.100		0.895	0.914	1.00	mg/L	89	91
		Magnesium	EPA 200.7	1104368-001	7.67		17.7	17.3	10.0	mg/L	100	96
		Manganese	EPA 200.7	1104368-001	<0.005		0.980	0.968	1.00	mg/L	98	97
		Molybdenum	EPA 200.7	1104368-001	<0.010		0.984	0.973	1.00	mg/L	99	98
		Nickel	EPA 200.7	1104368-001	<0.010		4.73	4.67	5.00	mg/L	95	93
QC1104845	MS 1	Phosphorus	EPA 200.7	1104368-001	<0.500		4.96	4.88	5.00	mg/L	97	95
		Potassium	EPA 200.7	1104368-001	3.46		12.8	13.0	10.0	mg/L	93	95
		Scandium	EPA 200.7	1104368-001	<0.100		0.973	0.966	1.00	mg/L	97	97
		Silver	EPA 200.7	1104368-001	<0.005		0.085	0.084	0.090	mg/L	93	92
		Sodium	EPA 200.7	1104368-001	5.58		15.0	15.3	10.0	mg/L	94	97
		Strontium	EPA 200.7	1104368-001	0.129		1.10	1.11	1.00	mg/L	97	98
		Tin	EPA 200.7	1104368-001	<0.100		0.928	0.923	1.00	mg/L	99	98
		Titanium	EPA 200.7	1104368-001	<0.100		1.00	0.986	1.00	mg/L	100	99
		Vanadium	EPA 200.7	1104368-001	0.015		0.990	0.977	1.00	mg/L	97	96
		Zinc	EPA 200.7	1104368-001	<0.010		0.983	0.973	1.00	mg/L	98	97
QC1104845	MS 1	Mercury	EPA 200.8	1104368-001	<0.000100		0.001009	0.001000	0.001	mg/L	101	100
		Antimony	EPA 200.8	1104368-001	<0.0025		0.0095	0.0094	0.010	mg/L	94	93
		Arsenic	EPA 200.8	1104368-001	<0.0050		0.0517	0.0505	0.050	mg/L	100	98
		Lead	EPA 200.8	1104368-001	<0.0025		0.0107	0.0105	0.010	mg/L	102	100
		Selenium	EPA 200.8	1104368-001	<0.0050		0.0487	0.0477	0.050	mg/L	97	95
		Thallium	EPA 200.8	1104368-001	<0.0010		0.0102	0.0101	0.010	mg/L	102	101
		Uranium	EPA 200.8	1104368-001	<0.0100		0.0104	0.0102	0.010	mg/L	100	98



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

5/18/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1103402

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 3/25/2011. Additional comments are located on page 2 of this report.

This is an amended report that includes results for Uranium as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1103402

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on samples 1103402-001 and 011 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

The result for the continuing calibration verification (CCV) sample during the analysis for Fluoride was outside WETLAB acceptance criteria. Reanalysis was performed and the same issue was encountered. The reported data for Fluoride on all samples should be considered estimates. We apologize for any inconvenience this may have caused.

The following is a synopsis of the reanalysis of Total Alkalinity, Bicarbonate, Carbonate and Hydroxide:

Sample 1103402-018 reanalysis results for Total Alkalinity, Bicarbonate, Carbonate and Hydroxide have been reported. This reanalysis was performed past the EPA recommended holding time due to an unacceptable cation/anion balance using data obtained within the holding time. We apologize for any inconvenience this may cause.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 5/18/2011

OrderID: 1103402

Customer Sample ID: 604 562 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-001

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.04	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	85	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.4	M mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	110	SC mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.032	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	52	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	10	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.32	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.7	mg/L	0.50	4/6/2011

Customer Sample ID: 604 562 WK:8
 WETLAB Sample ID: 1103402-001

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.2	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.51	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.015	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	0.011	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	0.0031	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	4.00	meq/L	0.10	
Cations	Calculation	3.65	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: 604 569 WK:8
 WETLAB Sample ID: 1103402-002

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.61	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	56	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	46	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	36	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	3/29/2011
Aluminum	EPA 200.7	0.055	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.015	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011

Customer Sample ID: 604 569 WK:8
 WETLAB Sample ID: 1103402-002

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	21	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	5.7	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.12	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	3.9	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.4	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.17	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.028	mg/L	0.010	4/7/2011
Anions	Calculation	1.74	meq/L	0.10	
Cations	Calculation	1.69	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 606 WK:8
 WETLAB Sample ID: 1103402-003

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.97	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	85	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011

Customer Sample ID: 604 606 WK:8
 WETLAB Sample ID: 1103402-003

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	70	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	62	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.053	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	38	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	6.9	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.055	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	7.6	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.41	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.011	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.0076	mg/L	0.0050	4/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.055	mg/L	0.010	4/7/2011

Customer Sample ID: 604 606 WK:8
 WETLAB Sample ID: 1103402-003

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	2.76	meq/L	0.10	
Cations	Calculation	2.74	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 653 WK:8
 WETLAB Sample ID: 1103402-004

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.16	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	82	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	65	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	210	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.044	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	42	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	6.6	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.35	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	9.8	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011

Customer Sample ID: 604 653 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-004

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	2.2	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.023	mg/L	0.010	4/7/2011
Anions	Calculation	3.09	meq/L	0.10	
Cations	Calculation	3.00	meq/L	0.10	
Error	Calculation	1.5	%	1.0	

Customer Sample ID: 604 656 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-005

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.35	pH Units		3/25/2011
Bicarbonate (HCO3)	SM 2320B	120	mg/L	1.0	3/25/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	95	mg/L as CaCO3	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	30	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.018	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	32	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011

Customer Sample ID: 604 656 WK:8
 WETLAB Sample ID: 1103402-005

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	6.2	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.089	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.028	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	12	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.34	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.078	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.0053	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.038	mg/L	0.010	4/7/2011
Anions	Calculation	2.67	meq/L	0.10	
Cations	Calculation	2.50	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: 604 669 WK:8
 WETLAB Sample ID: 1103402-006

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.49	pH Units		3/25/2011
Bicarbonate (HCO3)	SM 2320B	89	mg/L	1.0	3/25/2011
Carbonate (CO3)	SM 2320B	14	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	96	mg/L as CaCO3	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011

Customer Sample ID: 604 669 WK:8
 WETLAB Sample ID: 1103402-006

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	1.2	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	37	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.012	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	32	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	5.3	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.39	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	8.0	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.6	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.30	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.025	mg/L	0.010	4/7/2011
Anions	Calculation	2.76	meq/L	0.10	
Cations	Calculation	2.32	meq/L	0.10	

Customer Sample ID: 604 669 WK:8
 WETLAB Sample ID: 1103402-006

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	8.6	%	1.0	

Customer Sample ID: 604 673 WK:8
 WETLAB Sample ID: 1103402-007

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.52	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	0.54	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	31	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	110	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.059	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	18	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.016	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.042	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.4	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.5	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.16	mg/L	0.10	4/6/2011

Customer Sample ID: 604 673 WK:8
 WETLAB Sample ID: 1103402-007

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.015	mg/L	0.010	4/7/2011
Anions	Calculation	1.30	meq/L	0.10	
Cations	Calculation	1.33	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: 604 767 WK:8
 WETLAB Sample ID: 1103402-008

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.61	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	47	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	39	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	110	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	250	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.036	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	44	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011

Customer Sample ID: 604 767 WK:8
 WETLAB Sample ID: 1103402-008

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	9.2	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.58	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	5.7	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.2	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.34	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	0.022	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.012	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.047	mg/L	0.010	4/7/2011
Anions	Calculation	3.16	meq/L	0.10	
Cations	Calculation	3.17	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 787 WK:8
 WETLAB Sample ID: 1103402-009

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.91	pH Units		3/25/2011
Bicarbonate (HCO3)	SM 2320B	84	mg/L	1.0	3/25/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	69	mg/L as CaCO3	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	37	mg/L	1.0	3/26/2011

Customer Sample ID: 604 787 WK:8
 WETLAB Sample ID: 1103402-009

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	120	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	31	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	5.1	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.086	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	4.4	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.5	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.25	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.061	mg/L	0.010	4/7/2011
Anions	Calculation	2.21	meq/L	0.10	
Cations	Calculation	2.15	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 811 WK:8
 WETLAB Sample ID: 1103402-010

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.46	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	37	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	40	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	8.2	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.056	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.9	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.1	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.57	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011

Customer Sample ID: 604 811 WK:8
 WETLAB Sample ID: 1103402-010

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.015	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.044	mg/L	0.010	4/7/2011
Anions	Calculation	3.00	meq/L	0.10	
Cations	Calculation	2.90	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 854 WK:8
 WETLAB Sample ID: 1103402-011

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.20	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	92	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	2.3	M mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	64	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.046	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	45	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	0.077	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	8.6	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.22	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011

Customer Sample ID: 604 854 WK:8
 WETLAB Sample ID: 1103402-011

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	7.9	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.93	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.55	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	0.022	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.0076	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	3.26	meq/L	0.10	
Cations	Calculation	3.21	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 862 WK:8
 WETLAB Sample ID: 1103402-012

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.61	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	150	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	2.3	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	43	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011

Customer Sample ID: 604 862 WK:8
 WETLAB Sample ID: 1103402-012

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	49	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	9.0	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.022	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.017	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	7.0	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.80	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	1.0	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.016	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.015	mg/L	0.010	4/7/2011
Anions	Calculation	3.47	meq/L	0.10	
Cations	Calculation	3.40	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: 604 867 WK:8
 WETLAB Sample ID: 1103402-013

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.52	Q	pH Units	3/25/2011
Bicarbonate (HCO3)	SM 2320B	150	mg/L	1.0	3/25/2011

Customer Sample ID: 604 867 WK:8
 WETLAB Sample ID: 1103402-013

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	110	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	330	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.013	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	83	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	0.13	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	4.6	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.22	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.1	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.78	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.83	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.0069	mg/L	0.0050	4/7/2011

Customer Sample ID: 604 867 WK:8
 WETLAB Sample ID: 1103402-013

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	4.84	meq/L	0.10	
Cations	Calculation	4.72	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 605 033 WK:8
 WETLAB Sample ID: 1103402-014

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.93	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	74	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	61	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	2.0	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	52	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.029	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	36	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	4.3	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.059	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.017	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.5	mg/L	0.50	4/6/2011

Customer Sample ID: 605 033 WK:8
 WETLAB Sample ID: 1103402-014

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.4	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.37	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.022	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.032	mg/L	0.010	4/7/2011
Anions	Calculation	2.40	meq/L	0.10	
Cations	Calculation	2.38	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 WK:8
 WETLAB Sample ID: 1103402-015

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.95	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	68	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	55	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	28	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	100	mg/L	10	3/29/2011
Aluminum	EPA 200.7	0.055	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.10	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011

Customer Sample ID: 605 153 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-015

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	22	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	4.3	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.044	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	6.1	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.7	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	1.7	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	0.020	mg/L	0.010	4/7/2011
Anions	Calculation	1.78	meq/L	0.10	
Cations	Calculation	1.69	meq/L	0.10	
Error	Calculation	2.7	%	1.0	

Customer Sample ID: SRK 0854 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-016

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.90	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011

Customer Sample ID: SRK 0854 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-016

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	0.45	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	160	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	310	mg/L	10	3/29/2011
Aluminum	EPA 200.7	0.20	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	0.0059	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	37	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	0.020	mg/L	0.010	4/6/2011
Copper	EPA 200.7	34	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	2.6	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.60	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	0.012	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.56	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.15	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	0.38	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	0.0048	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	0.0078	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011

Customer Sample ID: SRK 0854 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-016

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.35	meq/L	0.10	
Cations	Calculation	3.28	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: SRK 0858 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-017

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.30	pH Units		3/25/2011
Acidity (Titrimetric)	SM 2310B	6	mg/L as CaCO ₃		4/1/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	5.0	mg/L	0.50	3/29/2011
Sulfate	EPA 300.0	97	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	3/29/2011
Aluminum	EPA 200.7	5.7	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	18	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	0.014	mg/L	0.010	4/6/2011
Copper	EPA 200.7	6.1	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	0.072	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	1.0	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.33	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.71	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011

Customer Sample ID: SRK 0858 WK:8
 WETLAB Sample ID: 1103402-017

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	0.062	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	2.28	meq/L	0.10	
Cations	Calculation	1.97	meq/L	0.10	
Error	Calculation	7.4	%	1.0	

Customer Sample ID: SRK 0864 WK:8
 WETLAB Sample ID: 1103402-018

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.51	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	30	HT mg/L	1.0	4/12/2011
Carbonate (CO ₃)	SM 2320B	<1.0	HT mg/L	1.0	4/12/2011
Hydroxide (OH)	SM 2320B	<1.0	HT mg/L	1.0	4/12/2011
Total Alkalinity	SM 2320B	25	HT mg/L as CaCO ₃	1.0	4/12/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	2.0	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	7.7	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	3.1	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	0.27	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	64	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	0.011	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	11	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011

Customer Sample ID: SRK 0864 WK:8
 WETLAB Sample ID: 1103402-018

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	2.0	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	1.6	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	3.5	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	0.011	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	0.98	meq/L	0.10	
Cations	Calculation	0.91	meq/L	0.10	
Error	Calculation	3.8	%	1.0	

Customer Sample ID: SRK 0866 WK:8
 WETLAB Sample ID: 1103402-019

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.30	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	16	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	13	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	0.61	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	34	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	2.4	mg/L	1.0	3/26/2011

Customer Sample ID: SRK 0866 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-019

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	0.54	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	86	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	17	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	2.0	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.011	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.028	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	2.6	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	1.4	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.18	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	1.17	meq/L	0.10	
Cations	Calculation	1.14	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: SRK 0867 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-020

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.43	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	30	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	24	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	2.1	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	110	mg/L	1.0	3/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	210	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/6/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/6/2011
Calcium	EPA 200.7	50	mg/L	0.50	4/6/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/6/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Magnesium	EPA 200.7	2.7	mg/L	0.50	4/6/2011
Manganese	EPA 200.7	0.23	mg/L	0.0050	4/6/2011
Molybdenum	EPA 200.7	0.023	mg/L	0.010	4/6/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/6/2011
Potassium	EPA 200.7	1.7	mg/L	0.50	4/6/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/6/2011
Sodium	EPA 200.7	0.76	mg/L	0.50	4/6/2011
Strontium	EPA 200.7	0.11	mg/L	0.10	4/6/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/6/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/6/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	0.0058	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011

Customer Sample ID: SRK 0867 WK:8
 WETLAB Sample ID: 1103402-020

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	2.89	meq/L	0.10	
Cations	Calculation	2.80	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: SRK 0872 WK:8
 WETLAB Sample ID: 1103402-021

Collect Date/Time: 3/25/2011 09:00
 Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.19	pH Units		3/25/2011
Bicarbonate (HCO ₃)	SM 2320B	11	mg/L	1.0	3/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/25/2011
Total Alkalinity	SM 2320B	8.9	mg/L as CaCO ₃	1.0	3/25/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/26/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	3/26/2011
Sulfate	EPA 300.0	380	mg/L	10	3/29/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/26/2011
Total Dissolved Solids (TDS)	SM 2540C	560	mg/L	10	3/29/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/7/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	4/7/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/7/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/7/2011
Calcium	EPA 200.7	140	mg/L	0.50	4/7/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/7/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/7/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	4/7/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	4/7/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Magnesium	EPA 200.7	2.6	mg/L	0.50	4/7/2011
Manganese	EPA 200.7	0.37	mg/L	0.0050	4/7/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	4/7/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/7/2011

Customer Sample ID: SRK 0872 WK:8

Collect Date/Time: 3/25/2011 09:00

WETLAB Sample ID: 1103402-021

Receive Date: 3/25/2011 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/7/2011
Potassium	EPA 200.7	1.0	mg/L	0.50	4/7/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/7/2011
Sodium	EPA 200.7	<0.50	mg/L	0.50	4/7/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/7/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/7/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/7/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/7/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	4/7/2011
Anions	Calculation	8.16	meq/L	0.10	
Cations	Calculation	7.24	meq/L	0.10	
Error	Calculation	6.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1103683	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1103683	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1103683	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1103684	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1103684	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1103684	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1103686	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1103686	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1103686	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1103687	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1103687	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1103687	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1103689	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103689	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103689	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103690	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103690	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103690	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1103692	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103692	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103692	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103693	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103693	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103693	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1103695	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1103695	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1103695	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1103696	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1103696	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1103696	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1103725	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1103725	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1103725	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1103735	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1103735	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1103820	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1103820	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1104161	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1104162	Blank 1	Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC1104163	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1104171	Blank 1	Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
QC1104205	Blank 1	Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
QC1104206	Blank 1	Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
QC1104207	Blank 1	Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
QC1104211	Blank 1	Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QCBatchID	QCType	Parameter	Method	Result	Actual
QC1103672	LCS 1	pH	SM 4500-H+ B	7.01	7.00
QC1103672	LCS 2	pH	SM 4500-H+ B	7.01	7.00
QC1103672	LCS 3	pH	SM 4500-H+ B	7.02	7.00
QC1103675	LCS 1	Alkalinity	SM 2320B	95.4	100
QC1103675	LCS 2	Alkalinity	SM 2320B	94.8	100
QC1103683	LCS 1	Fluoride	EPA 300.0	1.85	2.00
QC1103684	LCS 1	Fluoride	EPA 300.0	1.85	2.00
QC1103686	LCS 1	Chloride	EPA 300.0	10.1	10.0
QC1103687	LCS 1	Chloride	EPA 300.0	10.1	10.0
QC1103689	LCS 1	Nitrite Nitrogen	EPA 300.0	0.508	0.500
QC1103690	LCS 1	Nitrite Nitrogen	EPA 300.0	0.508	0.500
QC1103692	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00
QC1103693	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00
QC1103695	LCS 1	Sulfate	EPA 300.0	24.8	25.0
QC1103696	LCS 1	Sulfate	EPA 300.0	24.8	25.0
QC1103725	LCS 1	Fluoride	EPA 300.0	1.83	2.00
QC1103735	LCS 1	Sulfate	EPA 300.0	4.84	5.00
QC1103820	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	152	150
QC1103820	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	149	150
QC1104161	LCS 1	Aluminum	EPA 200.7	0.987	1.00
		Barium	EPA 200.7	0.987	1.00
		Beryllium	EPA 200.7	0.988	1.00
		Bismuth	EPA 200.7	1.01	1.00
		Boron	EPA 200.7	0.954	1.00
		Cadmium	EPA 200.7	1.01	1.00
		Calcium	EPA 200.7	10.2	10.0
		Chromium	EPA 200.7	0.982	1.00
		Cobalt	EPA 200.7	0.990	1.00
		Copper	EPA 200.7	4.77	5.00
		Gallium	EPA 200.7	0.985	1.00
		Iron	EPA 200.7	0.986	1.00
		Lithium	EPA 200.7	0.973	1.00
		Magnesium	EPA 200.7	9.99	10.0
		Manganese	EPA 200.7	0.991	1.00
		Molybdenum	EPA 200.7	0.979	1.00
		Nickel	EPA 200.7	4.96	5.00
		Phosphorus	EPA 200.7	4.95	5.00
		Potassium	EPA 200.7	9.93	10.0
		Scandium	EPA 200.7	0.974	1.00
		Silver	EPA 200.7	0.088	0.090
		Sodium	EPA 200.7	9.94	10.0
		Strontium	EPA 200.7	0.973	1.00
		Tin	EPA 200.7	0.981	1.00

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1104162	LCS 1	Titanium	EPA 200.7	0.988	1.00	99	mg/L
		Vanadium	EPA 200.7	0.982	1.00	98	mg/L
		Zinc	EPA 200.7	1.03	1.00	103	mg/L
		Aluminum	EPA 200.7	0.987	1.00	99	mg/L
		Barium	EPA 200.7	0.987	1.00	99	mg/L
		Beryllium	EPA 200.7	0.988	1.00	99	mg/L
		Bismuth	EPA 200.7	1.01	1.00	101	mg/L
		Boron	EPA 200.7	0.954	1.00	95	mg/L
		Cadmium	EPA 200.7	1.01	1.00	101	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	0.982	1.00	98	mg/L
		Cobalt	EPA 200.7	0.990	1.00	99	mg/L
		Copper	EPA 200.7	4.77	5.00	95	mg/L
		Gallium	EPA 200.7	0.985	1.00	98	mg/L
		Iron	EPA 200.7	0.986	1.00	99	mg/L
		Lithium	EPA 200.7	0.973	1.00	97	mg/L
		Magnesium	EPA 200.7	9.99	10.0	100	mg/L
		Manganese	EPA 200.7	0.991	1.00	99	mg/L
		Molybdenum	EPA 200.7	0.979	1.00	98	mg/L
		Nickel	EPA 200.7	4.96	5.00	99	mg/L
		Phosphorus	EPA 200.7	4.95	5.00	99	mg/L
		Potassium	EPA 200.7	9.93	10.0	99	mg/L
QC1104163	LCS 1	Scandium	EPA 200.7	0.974	1.00	97	mg/L
		Silver	EPA 200.7	0.088	0.090	97	mg/L
		Sodium	EPA 200.7	9.94	10.0	99	mg/L
		Strontium	EPA 200.7	0.973	1.00	97	mg/L
		Tin	EPA 200.7	0.981	1.00	98	mg/L
		Titanium	EPA 200.7	0.988	1.00	99	mg/L
		Vanadium	EPA 200.7	0.982	1.00	98	mg/L
		Zinc	EPA 200.7	1.03	1.00	103	mg/L
		Aluminum	EPA 200.7	0.978	1.00	98	mg/L
		Barium	EPA 200.7	0.962	1.00	96	mg/L
		Beryllium	EPA 200.7	0.955	1.00	96	mg/L
		Bismuth	EPA 200.7	0.990	1.00	99	mg/L
		Boron	EPA 200.7	0.917	1.00	92	mg/L
		Cadmium	EPA 200.7	0.957	1.00	96	mg/L
		Calcium	EPA 200.7	9.51	10.0	95	mg/L
		Chromium	EPA 200.7	0.960	1.00	96	mg/L
		Cobalt	EPA 200.7	0.957	1.00	96	mg/L
		Copper	EPA 200.7	4.74	5.00	95	mg/L
		Gallium	EPA 200.7	0.966	1.00	97	mg/L
		Iron	EPA 200.7	0.962	1.00	96	mg/L
		Lithium	EPA 200.7	0.977	1.00	98	mg/L
		Magnesium	EPA 200.7	9.48	10.0	95	mg/L
		Manganese	EPA 200.7	0.952	1.00	95	mg/L
		Molybdenum	EPA 200.7	0.966	1.00	97	mg/L
		Nickel	EPA 200.7	4.79	5.00	96	mg/L
		Phosphorus	EPA 200.7	4.76	5.00	95	mg/L
		Potassium	EPA 200.7	9.93	10.0	99	mg/L
		Scandium	EPA 200.7	0.969	1.00	97	mg/L
		Silver	EPA 200.7	0.086	0.090	96	mg/L
		Sodium	EPA 200.7	10.1	10.0	101	mg/L
		Strontium	EPA 200.7	1.03	1.00	103	mg/L
		Tin	EPA 200.7	0.937	1.00	94	mg/L
		Titanium	EPA 200.7	0.999	1.00	100	mg/L
		Vanadium	EPA 200.7	0.958	1.00	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1104171	LCS 1	Zinc	EPA 200.7	0.965	1.00	96	mg/L
		Mercury	EPA 200.8	0.000867	0.001	87	mg/L
		Antimony	EPA 200.8	0.0105	0.010	105	mg/L
		Arsenic	EPA 200.8	0.0517	0.050	103	mg/L
		Lead	EPA 200.8	0.0104	0.010	104	mg/L
		Selenium	EPA 200.8	0.0519	0.050	104	mg/L
		Thallium	EPA 200.8	0.0102	0.010	102	mg/L
		Uranium	EPA 200.8	0.0104	0.010	104	mg/L
QC1104205	LCS 1	Mercury	EPA 200.8	0.000867	0.001	87	mg/L
		Antimony	EPA 200.8	0.0105	0.010	105	mg/L
		Arsenic	EPA 200.8	0.0517	0.050	103	mg/L
		Lead	EPA 200.8	0.0104	0.010	104	mg/L
		Selenium	EPA 200.8	0.0519	0.050	104	mg/L
		Thallium	EPA 200.8	0.0102	0.010	102	mg/L
		Uranium	EPA 200.8	0.0104	0.010	104	mg/L
		Mercury	EPA 200.8	0.001025	0.001	103	mg/L
QC1104206	LCS 1	Antimony	EPA 200.8	0.0100	0.010	100	mg/L
		Arsenic	EPA 200.8	0.0526	0.050	105	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0569	0.050	114	mg/L
		Thallium	EPA 200.8	0.0113	0.010	113	mg/L
		Uranium	EPA 200.8	0.0102	0.010	102	mg/L
		Mercury	EPA 200.8	0.001025	0.001	103	mg/L
		Antimony	EPA 200.8	0.0100	0.010	100	mg/L
QC1104207	LCS 1	Arsenic	EPA 200.8	0.0526	0.050	105	mg/L
		Lead	EPA 200.8	0.0101	0.010	101	mg/L
		Selenium	EPA 200.8	0.0569	0.050	114	mg/L
		Thallium	EPA 200.8	0.0113	0.010	113	mg/L
		Uranium	EPA 200.8	0.0102	0.010	102	mg/L
		Mercury	EPA 200.7	0.971	1.00	97	mg/L
		Barium	EPA 200.7	0.961	1.00	96	mg/L
		Beryllium	EPA 200.7	0.962	1.00	96	mg/L
QC1104211	LCS 1	Bismuth	EPA 200.7	0.994	1.00	99	mg/L
		Boron	EPA 200.7	0.938	1.00	94	mg/L
		Cadmium	EPA 200.7	0.968	1.00	97	mg/L
		Calcium	EPA 200.7	9.79	10.0	98	mg/L
		Chromium	EPA 200.7	0.957	1.00	96	mg/L
		Cobalt	EPA 200.7	0.962	1.00	96	mg/L
		Copper	EPA 200.7	4.69	5.00	94	mg/L
		Gallium	EPA 200.7	0.961	1.00	96	mg/L
		Iron	EPA 200.7	0.987	1.00	99	mg/L
		Lithium	EPA 200.7	0.949	1.00	95	mg/L
		Magnesium	EPA 200.7	9.91	10.0	99	mg/L
		Manganese	EPA 200.7	0.950	1.00	95	mg/L
		Molybdenum	EPA 200.7	0.955	1.00	96	mg/L
		Nickel	EPA 200.7	4.81	5.00	96	mg/L
		Phosphorus	EPA 200.7	4.82	5.00	96	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.963	1.00	96	mg/L
		Silver	EPA 200.7	0.087	0.090	96	mg/L
		Sodium	EPA 200.7	9.75	10.0	98	mg/L
		Strontium	EPA 200.7	0.992	1.00	99	mg/L
		Tin	EPA 200.7	0.950	1.00	95	mg/L
		Titanium	EPA 200.7	0.997	1.00	100	mg/L
		Vanadium	EPA 200.7	0.956	1.00	96	mg/L
		Zinc	EPA 200.7	0.983	1.00	98	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD					
QC1103672	Duplicate 1	pH	SM 4500-H+ B	1103385-001	6.51	6.55	pH Units	1 %					
QC1103672	Duplicate 2	pH	SM 4500-H+ B	1103398-003	6.97	6.77	Q	pH Units	3 %				
QC1103672	Duplicate 3	pH	SM 4500-H+ B	1103399-006	3.93	3.98	pH Units	1 %					
QC1103672	Duplicate 4	pH	SM 4500-H+ B	1103402-013	7.52	7.36	Q	pH Units	2 %				
QC1103672	Duplicate 5	pH	SM 4500-H+ B	1103405-003	7.62	7.86	Q	pH Units	3 %				
QC1103675	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1103385-001	44.7	44.6	mg/L	<1%					
		Carbonate (CO3)	SM 2320B	1103385-001	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1103385-001	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1103385-001	36.6	36.6	mg/L as CaCO3	<1%					
QC1103675	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1103398-003	84.7	79.4	mg/L	6 %					
		Carbonate (CO3)	SM 2320B	1103398-003	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1103398-003	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1103398-003	69.4	65.1	mg/L as CaCO3	6 %					
QC1103675	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1103402-013	147	144	mg/L	2 %					
		Carbonate (CO3)	SM 2320B	1103402-013	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1103402-013	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1103402-013	120	118	mg/L as CaCO3	2 %					
QC1103820	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1103402-001	244	246	mg/L	1 %					
QC1103820	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1103402-011	204	202	mg/L	1 %					
QC1103820	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1103402-021	564	570	mg/L	1 %					
QC1103820	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1103404-012	3690	3670	mg/L	1 %					
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	MS % Rec.	MSD % Rec.	MSD % RPD		
QC1103683	MS 1	Fluoride	EPA 300.0	1103385-001	0.182	M	1.72	1.83	2.00	mg/L	NC	NC	NC
QC1103683	MS 2	Fluoride	EPA 300.0	1103397-001	0.481		2.12	2.05	2.00	mg/L	82	78	3 %
QC1103684	MS 1	Fluoride	EPA 300.0	1103402-001	1.39	M	2.90	2.79	2.00	mg/L	NC	NC	NC
QC1103684	MS 2	Fluoride	EPA 300.0	1103402-011	2.32	M	3.64	3.74	2.00	mg/L	NC	NC	NC
QC1103686	MS 1	Chloride	EPA 300.0	1103269-001	17.5		43.3	42.2	5.00	mg/L	103	99	3 %
QC1103686	MS 2	Chloride	EPA 300.0	1103397-001	<1.000		5.26	5.24	5.00	mg/L	103	103	<1%
QC1103687	MS 1	Chloride	EPA 300.0	1103402-001	<1.000		5.34	5.31	5.00	mg/L	105	104	1 %
QC1103687	MS 2	Chloride	EPA 300.0	1103402-011	<1.000		5.31	5.30	5.00	mg/L	104	104	<1%
QC1103689	MS 1	Nitrite Nitrogen	EPA 300.0	1103397-001	<0.025		0.561	0.563	0.500	mg/L	110	111	<1%
QC1103689	MS 2	Nitrite Nitrogen	EPA 300.0	1103399-006	<0.050		0.514	0.508	0.500	mg/L	101	100	1 %
QC1103690	MS 1	Nitrite Nitrogen	EPA 300.0	1103402-001	<0.025		0.563	0.562	0.500	mg/L	112	112	<1%
QC1103690	MS 2	Nitrite Nitrogen	EPA 300.0	1103402-011	<0.025		0.563	0.559	0.500	mg/L	112	111	1 %
QC1103692	MS 1	Nitrate Nitrogen	EPA 300.0	1103397-001	<1.000		1.96	2.01	2.00	mg/L	97	100	3 %
QC1103692	MS 2	Nitrate Nitrogen	EPA 300.0	1103399-006	<1.000		5.22	5.19	2.00	mg/L	106	106	1 %
QC1103693	MS 1	Nitrate Nitrogen	EPA 300.0	1103402-001	<1.000		2.04	2.03	2.00	mg/L	101	101	<1%
QC1103693	MS 2	Nitrate Nitrogen	EPA 300.0	1103402-011	<1.000		2.02	2.01	2.00	mg/L	100	99	<1%
QC1103695	MS 1	Sulfate	EPA 300.0	1103397-001	17.0		26.7	26.6	10.0	mg/L	97	96	<1%
QC1103695	MS 2	Sulfate	EPA 300.0	1103399-006	233	SC	244	246	10.0	mg/L	NC	NC	NC
QC1103696	MS 1	Sulfate	EPA 300.0	1103402-001	109	SC	116	116	10.0	mg/L	NC	NC	NC
QC1103696	MS 2	Sulfate	EPA 300.0	1103402-011	63.9		72.4	72.4	10.0	mg/L	85	85	<1%
QC1103725	MS 1	Fluoride	EPA 300.0	1103409-002	<0.100		1.74	1.82	2.00	mg/L	82	87	4 %
QC1103725	MS 2	Fluoride	EPA 300.0	1103387-001	0.170		1.80	1.74	2.00	mg/L	82	79	3 %
QC1103735	MS 1	Sulfate	EPA 300.0	1103381-005	288		391	395	10.0	mg/L	103	107	1 %
QC1104161	MS 1	Aluminum, Dissolved	EPA 200.7	1103479-001	<0.045		0.952	0.973	1.00	mg/L	94	96	2 %
		Barium, Dissolved	EPA 200.7	1103479-001	0.092		1.04	1.05	1.00	mg/L	95	96	1 %
		Beryllium, Dissolved	EPA 200.7	1103479-001	<0.001		0.979	0.968	1.00	mg/L	98	97	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC1104162	MS 1	Bismuth, Dissolved	EPA 200.7	1103479-001	<0.100	0.940	0.945	1.00	mg/L	94	94	1 %	
		Boron, Dissolved	EPA 200.7	1103479-001	<0.100	0.981	1.00	1.00	mg/L	96	97	2 %	
		Cadmium, Dissolved	EPA 200.7	1103479-001	<0.001	0.959	0.965	1.00	mg/L	96	97	1 %	
		Calcium, Dissolved	EPA 200.7	1103479-001	34.2	44.3	44.0	10.0	mg/L	101	98	1 %	
		Chromium, Dissolved	EPA 200.7	1103479-001	<0.005	0.951	0.961	1.00	mg/L	95	96	1 %	
		Cobalt, Dissolved	EPA 200.7	1103479-001	<0.010	0.909	0.918	1.00	mg/L	91	92	1 %	
		Copper, Dissolved	EPA 200.7	1103479-001	<0.050	4.57	4.64	5.00	mg/L	91	93	2 %	
		Gallium, Dissolved	EPA 200.7	1103479-001	<0.100	0.974	0.992	1.00	mg/L	97	99	2 %	
		Iron, Dissolved	EPA 200.7	1103479-001	<0.010	0.967	0.952	1.00	mg/L	97	95	2 %	
		Lithium, Dissolved	EPA 200.7	1103479-001	<0.100	0.952	1.06	1.00	mg/L	94	105	11 %	
		Magnesium, Dissolved	EPA 200.7	1103479-001	20.8	29.9	30.0	10.0	mg/L	91	92	<1%	
		Manganese, Dissolved	EPA 200.7	1103479-001	<0.005	0.941	0.946	1.00	mg/L	95	95	1 %	
		Molybdenum, Dissolved	EPA 200.7	1103479-001	<0.010	0.962	0.963	1.00	mg/L	96	96	<1%	
		Nickel, Dissolved	EPA 200.7	1103479-001	<0.010	4.53	4.57	5.00	mg/L	91	91	1 %	
		Phosphorus, Dissolved	EPA 200.7	1103479-001	<0.500	4.93	4.98	5.00	mg/L	98	99	1 %	
		Potassium, Dissolved	EPA 200.7	1103479-001	1.41	11.5	12.0	10.0	mg/L	101	106	4 %	
		Scandium, Dissolved	EPA 200.7	1103479-001	<0.100	0.960	0.954	1.00	mg/L	96	95	1 %	
		Silver, Dissolved	EPA 200.7	1103479-001	<0.005	0.086	0.088	0.090	mg/L	95	97	2 %	
		Sodium, Dissolved	EPA 200.7	1103479-001	9.40	19.4	20.1	10.0	mg/L	100	107	4 %	
		Strontium, Dissolved	EPA 200.7	1103479-001	0.140	1.11	1.12	1.00	mg/L	97	98	1 %	
		Tin, Dissolved	EPA 200.7	1103479-001	<0.100	0.939	0.931	1.00	mg/L	98	98	1 %	
		Titanium, Dissolved	EPA 200.7	1103479-001	<0.100	0.979	0.988	1.00	mg/L	98	99	1 %	
		Vanadium, Dissolved	EPA 200.7	1103479-001	0.028	0.987	0.998	1.00	mg/L	96	97	1 %	
		Zinc, Dissolved	EPA 200.7	1103479-001	0.504	1.47	1.49	1.00	mg/L	97	99	1 %	
QC1104163	MS 1	Aluminum, Dissolved	EPA 200.7	1103479-002	0.195	M	2.38	2.24	1.00	mg/L	NC	NC	NC
		Barium, Dissolved	EPA 200.7	1103479-002	0.062		1.01	1.00	1.00	mg/L	95	94	1 %
		Beryllium, Dissolved	EPA 200.7	1103479-002	<0.001		0.959	0.957	1.00	mg/L	96	96	<1%
		Bismuth, Dissolved	EPA 200.7	1103479-002	<0.100		0.927	0.926	1.00	mg/L	94	94	<1%
		Boron, Dissolved	EPA 200.7	1103479-002	<0.100		1.02	1.01	1.00	mg/L	96	95	1 %
		Cadmium, Dissolved	EPA 200.7	1103479-002	<0.001		0.940	0.931	1.00	mg/L	94	93	1 %
		Calcium, Dissolved	EPA 200.7	1103479-002	29.7		39.4	38.9	10.0	mg/L	97	92	1 %
		Chromium, Dissolved	EPA 200.7	1103479-002	<0.005		0.945	0.938	1.00	mg/L	94	94	1 %
		Cobalt, Dissolved	EPA 200.7	1103479-002	<0.010		0.892	0.887	1.00	mg/L	89	89	1 %
		Copper, Dissolved	EPA 200.7	1103479-002	<0.050		4.64	4.61	5.00	mg/L	93	92	1 %
		Gallium, Dissolved	EPA 200.7	1103479-002	<0.100		0.974	0.968	1.00	mg/L	97	97	1 %
		Iron, Dissolved	EPA 200.7	1103479-002	0.583		1.82	1.76	1.00	mg/L	124	118	3 %
		Lithium, Dissolved	EPA 200.7	1103479-002	<0.100		0.950	0.952	1.00	mg/L	94	94	<1%
		Magnesium, Dissolved	EPA 200.7	1103479-002	42.7		51.8	50.7	10.0	mg/L	91	80	2 %
		Manganese, Dissolved	EPA 200.7	1103479-002	0.012		0.943	0.934	1.00	mg/L	93	92	1 %
		Molybdenum, Dissolved	EPA 200.7	1103479-002	<0.010		0.976	0.971	1.00	mg/L	98	97	1 %
		Nickel, Dissolved	EPA 200.7	1103479-002	<0.010		4.43	4.39	5.00	mg/L	89	88	1 %
		Phosphorus, Dissolved	EPA 200.7	1103479-002	<0.500		5.15	5.14	5.00	mg/L	98	98	<1%
		Potassium, Dissolved	EPA 200.7	1103479-002	2.31		12.8	12.7	10.0	mg/L	105	104	1 %
		Scandium, Dissolved	EPA 200.7	1103479-002	<0.100		0.964	0.964	1.00	mg/L	96	96	<1%
		Silver, Dissolved	EPA 200.7	1103479-002	<0.005		0.086	0.086	0.090	mg/L	96	96	<1%
		Sodium, Dissolved	EPA 200.7	1103479-002	19.0		28.7	28.4	10.0	mg/L	97	94	1 %
		Strontium, Dissolved	EPA 200.7	1103479-002	0.292		1.27	1.26	1.00	mg/L	98	97	1 %
		Tin, Dissolved	EPA 200.7	1103479-002	<0.100		0.922	0.920	1.00	mg/L	97	97	<1%
		Titanium, Dissolved	EPA 200.7	1103479-002	<0.100		0.995	0.995	1.00	mg/L	99	99	<1%
		Vanadium, Dissolved	EPA 200.7	1103479-002	0.047		1.01	0.997	1.00	mg/L	96	95	1 %
		Zinc, Dissolved	EPA 200.7	1103479-002	2.57		3.52	3.42	1.00	mg/L	95	85	3 %
QC1104163	MS 1	Aluminum, Dissolved	EPA 200.7	1103479-003	<0.045		0.956	0.960	1.00	mg/L	94	95	<1%
		Barium, Dissolved	EPA 200.7	1103479-003	0.115		1.06	1.06	1.00	mg/L	94	94	<1%
		Beryllium, Dissolved	EPA 200.7	1103479-003	<0.001		0.963	0.970	1.00	mg/L	96	97	1 %
		Bismuth, Dissolved	EPA 200.7	1103479-003	<0.100		0.952	0.954	1.00	mg/L	96	97	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1104171	MS 1	Boron, Dissolved	EPA 200.7	1103479-003	<0.100	0.991	0.989	1.00	mg/L	96	95	<1%
		Cadmium, Dissolved	EPA 200.7	1103479-003	<0.001	0.948	0.943	1.00	mg/L	95	94	1 %
		Calcium, Dissolved	EPA 200.7	1103479-003	34.5	42.4	43.8	10.0	mg/L	79	93	3 %
		Chromium, Dissolved	EPA 200.7	1103479-003	<0.005	0.958	0.955	1.00	mg/L	96	96	<1%
		Cobalt, Dissolved	EPA 200.7	1103479-003	<0.010	0.910	0.907	1.00	mg/L	91	91	<1%
		Copper, Dissolved	EPA 200.7	1103479-003	<0.050	4.67	4.66	5.00	mg/L	93	93	<1%
		Gallium, Dissolved	EPA 200.7	1103479-003	<0.100	0.982	0.977	1.00	mg/L	98	98	1 %
		Iron, Dissolved	EPA 200.7	1103479-003	<0.010	0.967	0.983	1.00	mg/L	97	99	2 %
		Lithium, Dissolved	EPA 200.7	1103479-003	<0.100	0.972	0.975	1.00	mg/L	96	97	<1%
		Magnesium, Dissolved	EPA 200.7	1103479-003	19.1	27.2	27.9	10.0	mg/L	81	88	3 %
		Manganese, Dissolved	EPA 200.7	1103479-003	<0.005	0.933	0.928	1.00	mg/L	94	94	1 %
		Molybdenum, Dissolved	EPA 200.7	1103479-003	<0.010	0.975	0.979	1.00	mg/L	97	98	<1%
		Nickel, Dissolved	EPA 200.7	1103479-003	<0.010	4.54	4.51	5.00	mg/L	91	90	1 %
		Phosphorus, Dissolved	EPA 200.7	1103479-003	<0.500	4.99	5.02	5.00	mg/L	98	98	1 %
		Potassium, Dissolved	EPA 200.7	1103479-003	1.50	11.7	11.8	10.0	mg/L	102	103	1 %
		Scandium, Dissolved	EPA 200.7	1103479-003	<0.100	0.969	0.977	1.00	mg/L	97	98	1 %
		Silver, Dissolved	EPA 200.7	1103479-003	<0.005	0.088	0.088	0.090	mg/L	98	98	<1%
		Sodium, Dissolved	EPA 200.7	1103479-003	9.16	19.1	19.6	10.0	mg/L	99	104	3 %
		Strontium, Dissolved	EPA 200.7	1103479-003	0.176	1.17	1.20	1.00	mg/L	99	102	3 %
		Tin, Dissolved	EPA 200.7	1103479-003	<0.100	0.920	0.928	1.00	mg/L	96	97	1 %
		Titanium, Dissolved	EPA 200.7	1103479-003	<0.100	1.00	1.01	1.00	mg/L	100	101	1 %
		Vanadium, Dissolved	EPA 200.7	1103479-003	0.029	0.995	0.993	1.00	mg/L	97	96	<1%
		Zinc, Dissolved	EPA 200.7	1103479-003	1.52	2.42	2.44	1.00	mg/L	90	92	1 %
QC1104205	MS 1	Uranium, Dissolved	EPA 200.8	1103479-001	<0.0100	0.0117	0.0114	0.010	mg/L	108	105	3 %
		Mercury, Dissolved	EPA 200.8	1103479-001	<0.000100	0.000791	0.000902	0.001	mg/L	79	90	13 %
		Antimony, Dissolved	EPA 200.8	1103479-001	<0.0025	0.0115	0.0112	0.010	mg/L	105	102	3 %
		Arsenic, Dissolved	EPA 200.8	1103479-001	<0.0050	0.0591	0.0577	0.050	mg/L	109	107	2 %
		Lead, Dissolved	EPA 200.8	1103479-001	0.0027	0.0135	0.0132	0.010	mg/L	108	105	2 %
		Selenium, Dissolved	EPA 200.8	1103479-001	<0.0050	0.0540	0.0538	0.050	mg/L	106	106	<1%
		Thallium, Dissolved	EPA 200.8	1103479-001	<0.0010	0.0104	0.0102	0.010	mg/L	104	102	2 %
QC1104206	MS 1	Uranium, Dissolved	EPA 200.8	1103479-002	<0.0100	0.0125	0.0124	0.010	mg/L	125	124	1 %
		Mercury, Dissolved	EPA 200.8	1103479-002	<0.000100	0.001091	0.001027	0.001	mg/L	109	103	6 %
		Antimony, Dissolved	EPA 200.8	1103479-002	<0.0025	0.0118	0.0116	0.010	mg/L	112	110	2 %
		Arsenic, Dissolved	EPA 200.8	1103479-002	<0.0050	0.0642	0.0621	0.050	mg/L	123	119	3 %
		Lead, Dissolved	EPA 200.8	1103479-002	0.0147	0.0272	0.0269	0.010	mg/L	124	121	1 %
		Selenium, Dissolved	EPA 200.8	1103479-002	<0.0050	0.0570	0.0553	0.050	mg/L	114	111	3 %
		Thallium, Dissolved	EPA 200.8	1103479-002	<0.0010	0.0120	0.0119	0.010	mg/L	120	118	1 %
QC1104207	MS 1	Uranium, Dissolved	EPA 200.8	1103479-003	<0.0100	0.0120	0.0122	0.010	mg/L	120	122	2 %
		Mercury, Dissolved	EPA 200.8	1103479-003	<0.000100	0.001072	0.001031	0.001	mg/L	107	103	4 %
		Antimony, Dissolved	EPA 200.8	1103479-003	<0.0025	0.0118	0.0120	0.010	mg/L	113	115	2 %
		Arsenic, Dissolved	EPA 200.8	1103479-003	0.0110	0.0715	0.0721	0.050	mg/L	121	122	1 %
		Lead, Dissolved	EPA 200.8	1103479-003	<0.0025	0.0117	0.0119	0.010	mg/L	113	115	2 %
		Selenium, Dissolved	EPA 200.8	1103479-003	<0.0050	0.0608	0.0622	0.050	mg/L	120	122	2 %
		Thallium, Dissolved	EPA 200.8	1103479-003	<0.0010	0.0109	0.0112	0.010	mg/L	109	112	3 %
QC1104207	MS 1	Uranium, Dissolved	EPA 200.8	1103479-004	<0.0100	0.0121	0.0116	0.010	mg/L	120	116	4 %
		Mercury, Dissolved	EPA 200.8	1103479-004	<0.000100	0.001112	0.001075	0.001	mg/L	111	108	3 %
		Antimony, Dissolved	EPA 200.8	1103479-004	<0.0025	0.0126	0.0124	0.010	mg/L	113	111	2 %
		Arsenic, Dissolved	EPA 200.8	1103479-004	<0.0050	0.0636	0.0632	0.050	mg/L	123	122	1 %
		Lead, Dissolved	EPA 200.8	1103479-004	<0.0025	0.0119	0.0122	0.010	mg/L	119	122	2 %
		Selenium, Dissolved	EPA 200.8	1103479-004	<0.0050	0.0616	0.0654	0.050	mg/L	123	130	6 %
		Thallium, Dissolved	EPA 200.8	1103479-004	<0.0010	0.0117	0.0121	0.010	mg/L	117	121	3 %
QC1104211	MS 1	Aluminum, Dissolved	EPA 200.7	1103479-004	<0.045	0.969	0.933	1.00	mg/L	95	92	4 %
		Barium, Dissolved	EPA 200.7	1103479-004	0.134	1.09	1.04	1.00	mg/L	96	91	5 %
		Beryllium, Dissolved	EPA 200.7	1103479-004	<0.001	0.958	0.918	1.00	mg/L	96	92	4 %
		Bismuth, Dissolved	EPA 200.7	1103479-004	<0.100	0.951	0.916	1.00	mg/L	96	93	4 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Boron, Dissolved	EPA 200.7	1103479-004	<0.100	0.981	0.944	1.00	mg/L	96	92	4 %
		Cadmium, Dissolved	EPA 200.7	1103479-004	<0.001	0.951	0.912	1.00	mg/L	95	91	4 %
		Calcium, Dissolved	EPA 200.7	1103479-004	34.0	43.6	42.0	10.0	mg/L	96	80	4 %
		Chromium, Dissolved	EPA 200.7	1103479-004	<0.005	0.960	0.922	1.00	mg/L	96	92	4 %
		Cobalt, Dissolved	EPA 200.7	1103479-004	<0.010	0.906	0.869	1.00	mg/L	90	87	4 %
		Copper, Dissolved	EPA 200.7	1103479-004	<0.050	4.66	4.49	5.00	mg/L	93	90	4 %
		Gallium, Dissolved	EPA 200.7	1103479-004	<0.100	0.985	0.947	1.00	mg/L	98	94	4 %
		Iron, Dissolved	EPA 200.7	1103479-004	0.226	1.20	1.20	1.00	mg/L	97	97	<1%
		Lithium, Dissolved	EPA 200.7	1103479-004	<0.100	0.947	0.929	1.00	mg/L	94	93	2 %
		Magnesium, Dissolved	EPA 200.7	1103479-004	20.0	29.1	28.7	10.0	mg/L	91	87	1 %
		Manganese, Dissolved	EPA 200.7	1103479-004	<0.005	0.942	0.904	1.00	mg/L	94	90	4 %
		Molybdenum, Dissolved	EPA 200.7	1103479-004	<0.010	0.971	0.937	1.00	mg/L	97	94	4 %
		Nickel, Dissolved	EPA 200.7	1103479-004	<0.010	4.50	4.31	5.00	mg/L	90	86	4 %
		Phosphorus, Dissolved	EPA 200.7	1103479-004	<0.500	4.92	4.74	5.00	mg/L	97	94	4 %
		Potassium, Dissolved	EPA 200.7	1103479-004	1.05	11.4	11.2	10.0	mg/L	104	101	2 %
		Scandium, Dissolved	EPA 200.7	1103479-004	<0.100	0.963	0.927	1.00	mg/L	96	93	4 %
		Silver, Dissolved	EPA 200.7	1103479-004	<0.005	0.088	0.084	0.090	mg/L	98	93	5 %
		Sodium, Dissolved	EPA 200.7	1103479-004	7.19	17.3	16.8	10.0	mg/L	101	96	3 %
		Strontium, Dissolved	EPA 200.7	1103479-004	0.111	1.11	1.09	1.00	mg/L	100	98	2 %
		Tin, Dissolved	EPA 200.7	1103479-004	<0.100	0.935	0.897	1.00	mg/L	97	93	4 %
		Titanium, Dissolved	EPA 200.7	1103479-004	<0.100	1.00	1.00	1.00	mg/L	100	100	<1%
		Vanadium, Dissolved	EPA 200.7	1103479-004	0.025	0.994	0.956	1.00	mg/L	97	93	4 %
		Zinc, Dissolved	EPA 200.7	1103479-004	<0.010	0.954	0.912	1.00	mg/L	95	91	5 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

3/22/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1102331

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 2/25/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1102331

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on sample 1102331-010 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

Due to the sample matrix it was necessary to analyze the following at a dilution:

1102331-001 Iron
1102331-002 Aluminum, Arsenic, Selenium
1102331-009 Nitrite Nitrogen, Vanadium
1102331-010 Iron
1102331-014 Nitrite Nitrogen, Iron
1102331-016 Iron
1102331-018 Nitrite Nitrogen
1102331-019 Nitrite Nitrogen, Cadmium

The reporting limits have been adjusted accordingly.

The result for the continuing calibration verification (CCV) sample during the analysis for Fluoride was outside WETLAB acceptance criteria. The reported data for Fluoride on all samples should be considered estimates. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438

Date Printed: 3/22/2011
OrderID: 1102331

Customer Sample ID: 604 562 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-001

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.08	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	98	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	2/25/2011
Sulfate	EPA 300.0	84	mg/L	1.0	2/25/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/25/2011
Total Dissolved Solids (TDS)	SM 2540C	270	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.033	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	53	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	3/3/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	11	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.33	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	11	mg/L	0.50	3/2/2011

Customer Sample ID: 604 562 WK:4
 WETLAB Sample ID: 1102331-001

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	3.1	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.52	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	0.015	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/4/2011
Lead	EPA 200.8	0.0087	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/4/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/18/2011
Anions	Calculation	3.80	meq/L	0.10	
Cations	Calculation	3.98	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Customer Sample ID: 604 569 WK:4
 WETLAB Sample ID: 1102331-002

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.96	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	66	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	54	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	2/25/2011
Sulfate	EPA 300.0	49	mg/L	1.0	2/25/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/25/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.22	mg/L	0.22	3/3/2011
Barium	EPA 200.7	0.019	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011

Customer Sample ID: 604 569 WK:4
 WETLAB Sample ID: 1102331-002

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	26	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	8.2	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.13	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.012	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	7.6	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	3.4	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.23	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	3/4/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	3/4/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.044	mg/L	0.010	3/18/2011
Anions	Calculation	2.16	meq/L	0.10	
Cations	Calculation	2.32	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: 604 606 WK:4
 WETLAB Sample ID: 1102331-003

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.21	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011

Customer Sample ID: 604 606 WK:4
 WETLAB Sample ID: 1102331-003

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	83	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	2/25/2011
Sulfate	EPA 300.0	73	mg/L	1.0	2/25/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/25/2011
Total Dissolved Solids (TDS)	SM 2540C	250	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.051	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	42	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	8.3	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.048	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	15	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	4.4	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.49	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	0.0056	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.096	mg/L	0.010	3/18/2011

Customer Sample ID: 604 606 WK:4
 WETLAB Sample ID: 1102331-003

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.24	meq/L	0.10	
Cations	Calculation	3.36	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: 604 653 WK:4
 WETLAB Sample ID: 1102331-004

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.23	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	93	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Fluoride	EPA 300.0	2.2	mg/L	0.10	2/25/2011
Sulfate	EPA 300.0	77	mg/L	1.0	2/25/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/25/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/25/2011
Total Dissolved Solids (TDS)	SM 2540C	260	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.052	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	45	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	8.5	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.22	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	19	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011

Customer Sample ID: 604 653 WK:4
WETLAB Sample ID: 1102331-004

Collect Date/Time: 2/25/2011 09:00
Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	5.9	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.43	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.033	mg/L	0.010	3/3/2011
Anions	Calculation	3.52	meq/L	0.10	
Cations	Calculation	3.70	meq/L	0.10	
Error	Calculation	2.4	%	1.0	

Customer Sample ID: 604 673 WK:4
WETLAB Sample ID: 1102331-005

Collect Date/Time: 2/25/2011 09:00
Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.85	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	64	mg/L	1.0	3/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/11/2011
Total Alkalinity	SM 2320B	52	mg/L as CaCO ₃	1.0	3/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.1	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	32	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.049	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	21	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011

Customer Sample ID: 604 673 WK:4
 WETLAB Sample ID: 1102331-005

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	3.3	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.020	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.051	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	12	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	4.7	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.034	mg/L	0.010	3/3/2011
Anions	Calculation	1.77	meq/L	0.10	
Cations	Calculation	1.83	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 767 WK:4
 WETLAB Sample ID: 1102331-006

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.97	pH Units		2/25/2011
Bicarbonate (HCO3)	SM 2320B	77	mg/L	1.0	2/25/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	63	mg/L as CaCO3	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011

Customer Sample ID: 604 767 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-006

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	2.4	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	85	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	250	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.048	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	45	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	8.4	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.50	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.010	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	11	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	2.9	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.35	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	0.024	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	0.014	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.22	mg/L	0.010	3/18/2011
Anions	Calculation	3.16	meq/L	0.10	
Cations	Calculation	3.36	meq/L	0.10	

Customer Sample ID: 604 767 WK:4
 WETLAB Sample ID: 1102331-006

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	3.1	%	1.0	

Customer Sample ID: 604 787 WK:4
 WETLAB Sample ID: 1102331-007

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.00	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	83	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	68	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.2	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	40	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	32	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	5.6	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.062	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.027	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	5.9	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	4.2	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	3/2/2011

Customer Sample ID: 604 787 WK:4
 WETLAB Sample ID: 1102331-007

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	0.0057	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.092	mg/L	0.010	3/3/2011
Anions	Calculation	2.26	meq/L	0.10	
Cations	Calculation	2.39	meq/L	0.10	
Error	Calculation	2.9	%	1.0	

Customer Sample ID: 604 811 WK:4
 WETLAB Sample ID: 1102331-008

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.28	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	140	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	37	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	42	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011

Customer Sample ID: 604 811 WK:4
 WETLAB Sample ID: 1102331-008

Collect Date/Time: 2/25/2011 09:00

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	8.7	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.055	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.019	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	12	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	2.9	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.63	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	0.014	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.061	mg/L	0.010	3/3/2011
Anions	Calculation	3.16	meq/L	0.10	
Cations	Calculation	3.25	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: 604 854 WK:4
 WETLAB Sample ID: 1102331-009

Collect Date/Time: 2/25/2011 09:00

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	86	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	70	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.9	mg/L	0.20	2/26/2011
Sulfate	EPA 300.0	130	mg/L	2.0	2/26/2011

Customer Sample ID: 604 854 WK:4
 WETLAB Sample ID: 1102331-009

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	340	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	0.060	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	59	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	12	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.17	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	18	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	2.3	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.82	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	3/3/2011
Zinc	EPA 200.7	0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	0.015	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.016	mg/L	0.010	3/3/2011
Anions	Calculation	4.22	meq/L	0.10	
Cations	Calculation	4.50	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: 604 862 WK:4
 WETLAB Sample ID: 1102331-010

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.24	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	140	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	2.6	M mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	41	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	210	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/2/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/2/2011
Calcium	EPA 200.7	45	mg/L	0.50	3/2/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/2/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	3/3/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Magnesium	EPA 200.7	9.2	mg/L	0.50	3/2/2011
Manganese	EPA 200.7	0.014	mg/L	0.0050	3/2/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	3/2/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/2/2011
Potassium	EPA 200.7	13	mg/L	0.50	3/2/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/2/2011
Sodium	EPA 200.7	1.6	mg/L	0.50	3/2/2011
Strontium	EPA 200.7	0.94	mg/L	0.10	3/2/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/2/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/2/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/3/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011

Customer Sample ID: 604 862 WK:4
 WETLAB Sample ID: 1102331-010

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/3/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/3/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/3/2011
Uranium	EPA 200.8	0.017	mg/L	0.010	3/3/2011
Anions	Calculation	3.28	meq/L	0.10	
Cations	Calculation	3.41	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 867 WK:4
 WETLAB Sample ID: 1102331-011

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.09	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	140	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	2.4	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	110	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	320	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	0.013	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	78	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	0.13	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	6.2	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.14	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	0.030	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011

Customer Sample ID: 604 867 WK:4
 WETLAB Sample ID: 1102331-011

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	11	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	1.3	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	1.0	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	0.011	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Selenium	EPA 200.8	0.0092	mg/L	0.0050	3/9/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/7/2011
Anions	Calculation	4.71	meq/L	0.10	
Cations	Calculation	4.75	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 033 WK:4
 WETLAB Sample ID: 1102331-012

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.11	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	98	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	80	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	2.5	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	41	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	0.038	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011

Customer Sample ID: 605 033 WK:4
 WETLAB Sample ID: 1102331-012

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	35	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	5.1	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.056	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	13	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	3.1	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	0.40	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/9/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/7/2011
Uranium	EPA 200.8	0.035	mg/L	0.010	3/7/2011
Anions	Calculation	2.59	meq/L	0.10	
Cations	Calculation	2.64	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 605 153 WK:4
 WETLAB Sample ID: 1102331-013

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.00	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	2/25/2011

Customer Sample ID: 605 153 WK:4
 WETLAB Sample ID: 1102331-013

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	56	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	26	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	150	mg/L	10	2/28/2011
Aluminum	EPA 200.7	0.057	mg/L	0.045	3/8/2011
Barium	EPA 200.7	0.14	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	20	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	4.4	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.038	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	7.8	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	3.1	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	1.5	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011

Customer Sample ID: 605 153 WK:4
 WETLAB Sample ID: 1102331-013

Collect Date/Time: 2/25/2011 09:00

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/8/2011
Uranium	EPA 200.8	0.017	mg/L	0.010	3/8/2011
Anions	Calculation	1.76	meq/L	0.10	
Cations	Calculation	1.70	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: SRK 0854 WK:4
 WETLAB Sample ID: 1102331-014

Collect Date/Time: 2/25/2011 09:00

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.11	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	0.64	mg/L	0.20	2/26/2011
Sulfate	EPA 300.0	290	mg/L	2.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	500	mg/L	10	2/28/2011
Aluminum	EPA 200.7	0.31	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	0.012	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	78	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	0.044	mg/L	0.010	3/8/2011
Copper	EPA 200.7	46	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	3/9/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	5.6	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	1.2	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	0.026	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	5.2	mg/L	0.50	3/8/2011

Customer Sample ID: SRK 0854 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-014

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	0.97	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	0.28	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	0.76	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Lead	EPA 200.8	0.0056	mg/L	0.0025	3/8/2011
Selenium	EPA 200.8	0.014	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	6.07	meq/L	0.10	
Cations	Calculation	6.08	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0858 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-015

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.39	pH Units		2/25/2011
Acidity (Titrimetric)	SM 2310B	89	mg/L as CaCO ₃		3/1/2011
Chloride	EPA 300.0	<10	mg/L	10	2/28/2011
Fluoride	EPA 300.0	11	mg/L	0.50	2/28/2011
Sulfate	EPA 300.0	99	mg/L	10	2/28/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	2/28/2011
Aluminum	EPA 200.7	10	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	0.0014	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	20	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	0.014	mg/L	0.010	3/8/2011

Customer Sample ID: SRK 0858 WK:4
 WETLAB Sample ID: 1102331-015

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	5.1	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	0.44	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.38	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	2.5	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	1.1	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	0.061	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	2.66	meq/L	0.10	
Cations	Calculation	3.43	meq/L	0.10	
Error	Calculation	13	%	1.0	

Customer Sample ID: SRK 0864 WK:4
 WETLAB Sample ID: 1102331-016

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.98	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	40	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	33	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	2.1	mg/L	0.10	2/26/2011

Customer Sample ID: SRK 0864 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-016

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	16	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	0.061	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	94	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	12	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	3/9/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	2.2	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.014	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	0.045	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	1.7	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	6.2	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/7/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/7/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/7/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	1.10	meq/L	0.10	
Cations	Calculation	1.09	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: SRK 0864 WK:4
WETLAB Sample ID: 1102331-016

Collect Date/Time: 2/25/2011 09:00
Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0866 WK:4
WETLAB Sample ID: 1102331-017

Collect Date/Time: 2/25/2011 09:00
Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.54	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	27	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	22	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	2/26/2011
Sulfate	EPA 300.0	12	mg/L	1.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	60	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	9.9	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	1.2	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	0.0087	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	0.028	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	2.1	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	2.2	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011

Customer Sample ID: SRK 0866 WK:4
 WETLAB Sample ID: 1102331-017

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	0.76	meq/L	0.10	
Cations	Calculation	0.74	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Customer Sample ID: SRK 0867 WK:4
 WETLAB Sample ID: 1102331-018

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.21	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	17	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	14	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	2.1	mg/L	0.20	2/26/2011
Sulfate	EPA 300.0	320	mg/L	2.0	2/26/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	580	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Calcium	EPA 200.7	130	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011

Customer Sample ID: SRK 0867 WK:4
 WETLAB Sample ID: 1102331-018

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	8.3	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	1.3	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	3.4	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	1.6	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	0.23	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	0.018	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/8/2011
Antimony	EPA 200.8	0.0045	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/7/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	7.05	meq/L	0.10	
Cations	Calculation	7.37	meq/L	0.10	
Error	Calculation	2.2	%	1.0	

Customer Sample ID: SRK 0872 WK:4
 WETLAB Sample ID: 1102331-019

Collect Date/Time: 2/25/2011 09:00
 Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.14	pH Units		2/25/2011
Bicarbonate (HCO ₃)	SM 2320B	16	mg/L	1.0	2/25/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/25/2011
Total Alkalinity	SM 2320B	13	mg/L as CaCO ₃	1.0	2/25/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/26/2011
Fluoride	EPA 300.0	1.4	mg/L	0.20	2/26/2011
Sulfate	EPA 300.0	650	mg/L	100	3/1/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/26/2011

Customer Sample ID: SRK 0872 WK:4

Collect Date/Time: 2/25/2011 09:00

WETLAB Sample ID: 1102331-019

Receive Date: 2/25/2011 15:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/26/2011
Total Dissolved Solids (TDS)	SM 2540C	1000	mg/L	10	2/28/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	3/9/2011
Calcium	EPA 200.7	240	mg/L	0.50	3/8/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Magnesium	EPA 200.7	7.8	mg/L	0.50	3/8/2011
Manganese	EPA 200.7	1.2	mg/L	0.0050	3/8/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2011
Potassium	EPA 200.7	2.0	mg/L	0.50	3/8/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2011
Sodium	EPA 200.7	0.97	mg/L	0.50	3/8/2011
Strontium	EPA 200.7	0.12	mg/L	0.10	3/8/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2011
Zinc	EPA 200.7	0.11	mg/L	0.010	3/8/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/8/2011
Anions	Calculation	13.9	meq/L	0.10	
Cations	Calculation	12.8	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102669	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102669	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102669	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102671	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102671	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102671	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1102672	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102672	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102672	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102673	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102673	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102674	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102674	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102674	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102675	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102675	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102676	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102676	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102676	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102680	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102680	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1103012	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1103012	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1103024	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1103024	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1103041	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1103041	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1103055	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1103056	Blank 1	Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC1103096	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1103097	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1103148	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1103149	Blank 1	Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
QC1103150	Blank 1	Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1103152	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Uranium	EPA 200.8	<0.010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102669	LCS 1	Fluoride	EPA 300.0	2.06	2.00	103	mg/L
QC1102671	LCS 1	Chloride	EPA 300.0	9.97	10.0	100	mg/L
QC1102672	LCS 1	Nitrite Nitrogen	EPA 300.0	0.504	0.500	101	mg/L
QC1102673	LCS 1	Nitrite Nitrogen	EPA 300.0	0.504	0.500	101	mg/L
QC1102674	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC1102675	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC1102676	LCS 1	Sulfate	EPA 300.0	24.4	25.0	97	mg/L
QC1102680	LCS 1	Sulfate	EPA 300.0	24.4	25.0	97	mg/L
QC1102681	LCS 1	pH	SM 4500-H ⁺ B	7.01	7.00	100	pH Units
QC1102681	LCS 2	pH	SM 4500-H ⁺ B	7.01	7.00	100	pH Units
QC1102683	LCS 1	Alkalinity	SM 2320B	95.0	100	95	mg/L
QC1102683	LCS 2	Alkalinity	SM 2320B	95.0	100	95	mg/L
QC1103012	LCS 1	Sulfate	EPA 300.0	5.04	5.00	101	mg/L
QC1103024	LCS 1	Fluoride	EPA 300.0	2.19	2.00	110	mg/L
QC1103041	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L
QC1103041	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L
QC1103055	LCS 1	Aluminum	EPA 200.7	0.942	1.00	94	mg/L
		Barium	EPA 200.7	1.00	1.00	100	mg/L
		Beryllium	EPA 200.7	0.997	1.00	100	mg/L
		Bismuth	EPA 200.7	1.04	1.00	104	mg/L
		Boron	EPA 200.7	0.962	1.00	96	mg/L
		Cadmium	EPA 200.7	1.01	1.00	101	mg/L
		Calcium	EPA 200.7	9.99	10.0	100	mg/L
		Chromium	EPA 200.7	0.989	1.00	99	mg/L
		Cobalt	EPA 200.7	1.00	1.00	100	mg/L
		Copper	EPA 200.7	4.91	5.00	98	mg/L
		Gallium	EPA 200.7	1.00	1.00	100	mg/L
		Iron	EPA 200.7	0.992	1.00	99	mg/L
		Lithium	EPA 200.7	0.995	1.00	100	mg/L
		Magnesium	EPA 200.7	9.54	10.0	95	mg/L
		Manganese	EPA 200.7	0.996	1.00	100	mg/L
		Molybdenum	EPA 200.7	0.962	1.00	96	mg/L
		Nickel	EPA 200.7	5.00	5.00	100	mg/L
		Phosphorus	EPA 200.7	5.02	5.00	100	mg/L
		Potassium	EPA 200.7	10.2	10.0	102	mg/L
		Scandium	EPA 200.7	0.992	1.00	99	mg/L
		Silver	EPA 200.7	0.094	0.090	105	mg/L
		Sodium	EPA 200.7	10.0	10.0	100	mg/L
		Strontium	EPA 200.7	1.02	1.00	102	mg/L
		Tin	EPA 200.7	0.942	1.00	94	mg/L
		Titanium	EPA 200.7	0.967	1.00	97	mg/L
		Vanadium	EPA 200.7	0.994	1.00	99	mg/L
		Zinc	EPA 200.7	1.02	1.00	102	mg/L
QC1103056	LCS 1	Aluminum	EPA 200.7	0.964	1.00	96	mg/L
		Barium	EPA 200.7	1.03	1.00	103	mg/L
		Beryllium	EPA 200.7	1.00	1.00	100	mg/L
		Bismuth	EPA 200.7	1.05	1.00	105	mg/L
		Boron	EPA 200.7	0.986	1.00	99	mg/L
		Cadmium	EPA 200.7	1.02	1.00	102	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	1.02	1.00	102	mg/L
		Cobalt	EPA 200.7	1.04	1.00	104	mg/L
		Copper	EPA 200.7	5.25	5.00	105	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1103096	LCS 1	Gallium	EPA 200.7	1.03	1.00	103	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	0.999	1.00	100	mg/L
		Magnesium	EPA 200.7	10.2	10.0	102	mg/L
		Manganese	EPA 200.7	0.981	1.00	98	mg/L
		Molybdenum	EPA 200.7	0.964	1.00	96	mg/L
		Nickel	EPA 200.7	5.10	5.00	102	mg/L
		Phosphorus	EPA 200.7	5.13	5.00	103	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	1.02	1.00	102	mg/L
		Silver	EPA 200.7	0.098	0.090	108	mg/L
		Sodium	EPA 200.7	10.1	10.0	101	mg/L
		Strontium	EPA 200.7	1.00	1.00	100	mg/L
		Tin	EPA 200.7	0.918	1.00	92	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.02	1.00	102	mg/L
		Zinc	EPA 200.7	1.03	1.00	103	mg/L
QC1103097	LCS 1	Mercury	EPA 200.8	0.000943	0.001	94	mg/L
		Antimony	EPA 200.8	0.0101	0.010	101	mg/L
		Arsenic	EPA 200.8	0.0503	0.050	101	mg/L
		Lead	EPA 200.8	0.0103	0.010	103	mg/L
		Selenium	EPA 200.8	0.0468	0.050	94	mg/L
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L
		Uranium	EPA 200.8	0.0098	0.010	98	mg/L
QC1103148	LCS 1	Mercury	EPA 200.8	0.000996	0.001	100	mg/L
		Antimony	EPA 200.8	0.0101	0.010	101	mg/L
		Arsenic	EPA 200.8	0.0520	0.050	104	mg/L
		Lead	EPA 200.8	0.0109	0.010	109	mg/L
		Selenium	EPA 200.8	0.0490	0.050	98	mg/L
		Thallium	EPA 200.8	0.0102	0.010	102	mg/L
		Uranium	EPA 200.8	0.0104	0.010	104	mg/L
QC1103149	LCS 1	Aluminum	EPA 200.7	0.946	1.00	95	mg/L
		Barium	EPA 200.7	1.01	1.00	101	mg/L
		Beryllium	EPA 200.7	1.00	1.00	100	mg/L
		Bismuth	EPA 200.7	1.04	1.00	104	mg/L
		Boron	EPA 200.7	0.967	1.00	97	mg/L
		Cadmium	EPA 200.7	1.03	1.00	103	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	1.01	1.00	101	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	4.90	5.00	98	mg/L
		Gallium	EPA 200.7	1.00	1.00	100	mg/L
		Iron	EPA 200.7	1.01	1.00	101	mg/L
		Lithium	EPA 200.7	1.00	1.00	100	mg/L
		Magnesium	EPA 200.7	9.96	10.0	100	mg/L
		Manganese	EPA 200.7	0.996	1.00	100	mg/L
		Molybdenum	EPA 200.7	0.973	1.00	97	mg/L
		Nickel	EPA 200.7	5.08	5.00	102	mg/L
		Phosphorus	EPA 200.7	5.17	5.00	103	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
		Scandium	EPA 200.7	0.997	1.00	100	mg/L
		Silver	EPA 200.7	0.093	0.090	103	mg/L
		Sodium	EPA 200.7	10.0	10.0	100	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.972	1.00	97	mg/L
		Titanium	EPA 200.7	0.974	1.00	97	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1103149	LCS 1	Vanadium	EPA 200.7	1.00	1.00	100	mg/L
		Zinc	EPA 200.7	1.05	1.00	105	mg/L
		Aluminum	EPA 200.7	0.946	1.00	95	mg/L
		Barium	EPA 200.7	1.01	1.00	101	mg/L
		Beryllium	EPA 200.7	1.00	1.00	100	mg/L
		Bismuth	EPA 200.7	1.04	1.00	104	mg/L
		Boron	EPA 200.7	0.967	1.00	97	mg/L
		Cadmium	EPA 200.7	1.03	1.00	103	mg/L
		Calcium	EPA 200.7	10.2	10.0	102	mg/L
		Chromium	EPA 200.7	1.01	1.00	101	mg/L
		Cobalt	EPA 200.7	1.02	1.00	102	mg/L
		Copper	EPA 200.7	4.90	5.00	98	mg/L
		Gallium	EPA 200.7	1.00	1.00	100	mg/L
		Iron	EPA 200.7	1.01	1.00	101	mg/L
		Lithium	EPA 200.7	1.00	1.00	100	mg/L
		Magnesium	EPA 200.7	9.96	10.0	100	mg/L
		Manganese	EPA 200.7	0.996	1.00	100	mg/L
		Molybdenum	EPA 200.7	0.973	1.00	97	mg/L
		Nickel	EPA 200.7	5.08	5.00	102	mg/L
		Phosphorus	EPA 200.7	5.17	5.00	103	mg/L
		Potassium	EPA 200.7	10.0	10.0	100	mg/L
QC1103150	LCS 1	Scandium	EPA 200.7	0.997	1.00	100	mg/L
		Silver	EPA 200.7	0.093	0.090	103	mg/L
		Sodium	EPA 200.7	10.0	10.0	100	mg/L
		Strontium	EPA 200.7	1.01	1.00	101	mg/L
		Tin	EPA 200.7	0.972	1.00	97	mg/L
		Titanium	EPA 200.7	0.974	1.00	97	mg/L
		Vanadium	EPA 200.7	1.00	1.00	100	mg/L
		Zinc	EPA 200.7	1.05	1.00	105	mg/L
		Mercury	EPA 200.8	0.001074	0.001	107	mg/L
		Antimony	EPA 200.8	0.0109	0.010	109	mg/L
QC1103152	LCS 1	Arsenic	EPA 200.8	0.0553	0.050	111	mg/L
		Lead	EPA 200.8	0.0110	0.010	110	mg/L
		Selenium	EPA 200.8	0.0521	0.050	104	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0107	0.010	107	mg/L
		Mercury	EPA 200.8	0.001074	0.001	107	mg/L
		Antimony	EPA 200.8	0.0109	0.010	109	mg/L
		Arsenic	EPA 200.8	0.0553	0.050	111	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1102681	Duplicate 1	pH	SM 4500-H+ B	1102333-001	8.16	8.19	pH Units	<1%
QC1102681	Duplicate 2	pH	SM 4500-H+ B	1102332-001	7.30	7.22	pH Units	1 %
QC1102681	Duplicate 3	pH	SM 4500-H+ B	1102334-001	7.73	7.82	pH Units	1 %
QC1102683	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1102331-001	119	119	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1102331-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102331-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102331-001	97.8	97.8	mg/L as CaCO3	<1%
QC1102683	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1102332-001	18.2	17.0	mg/L	7 %
		Carbonate (CO3)	SM 2320B	1102332-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102332-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1102683	Duplicate 3	Total Alkalinity	SM 2320B	1102332-001	14.9	14.0	mg/L as CaCO ₃	7 %				
		Bicarbonate (HCO ₃)	SM 2320B	1102334-001	48.6	48.6	mg/L	<1%				
		Carbonate (CO ₃)	SM 2320B	1102334-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1102334-001	<1.000	<1.000	mg/L	<1%				
QC1103041	Duplicate 1	Total Alkalinity	SM 2320B	1102334-001	39.8	39.9	mg/L as CaCO ₃	<1%				
		Total Dissolved Solids (TDS)	SM 2540C	1102248-005	233	236	mg/L	1 %				
		Total Dissolved Solids (TDS)	SM 2540C	1102248-006	426	421	mg/L	1 %				
QC1103041	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1102333-001	800	808	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.	MSD % Rec.	RPD		
QC1102669	MS 1	Fluoride	EPA 300.0	1102333-001	<0.500	10.0	10.5	2.00	mg/L	100	105	5 %
QC1102669	MS 2	Fluoride	EPA 300.0	1102331-010	2.59	M	3.92	3.85	mg/L	NC	NC	NC
QC1102671	MS 1	Chloride	EPA 300.0	1102333-001	12.6	38.6	39.1	5.00	mg/L	104	106	1 %
QC1102671	MS 2	Chloride	EPA 300.0	1102331-010	<1.000	5.29	5.32	5.00	mg/L	103	104	1 %
QC1102672	MS 1	Nitrite Nitrogen	EPA 300.0	1102328-001	<0.025	0.490	0.495	0.500	mg/L	98	99	1 %
QC1102672	MS 2	Nitrite Nitrogen	EPA 300.0	1102333-001	<0.125	2.65	2.69	0.500	mg/L	106	108	1 %
QC1102673	MS 1	Nitrite Nitrogen	EPA 300.0	1102331-010	<0.025	0.507	0.510	0.500	mg/L	101	102	1 %
QC1102674	MS 1	Nitrate Nitrogen	EPA 300.0	1102328-001	<1.000	2.13	2.15	2.00	mg/L	102	103	1 %
QC1102674	MS 2	Nitrate Nitrogen	EPA 300.0	1102333-001	<1.000	10.0	10.2	2.00	mg/L	100	102	2 %
QC1102675	MS 1	Nitrate Nitrogen	EPA 300.0	1102331-010	<1.000	1.98	1.99	2.00	mg/L	98	98	1 %
QC1102676	MS 1	Sulfate	EPA 300.0	1102328-001	174	SC	179	179	mg/L	NC	NC	NC
QC1102676	MS 2	Sulfate	EPA 300.0	1102333-001	<1.000	46.8	47.6	10.0	mg/L	94	95	2 %
QC1102680	MS 1	Sulfate	EPA 300.0	1102331-010	41.0	49.3	49.3	10.0	mg/L	82	83	<1%
QC1103012	MS 1	Sulfate	EPA 300.0	1102324-001	29.5	39.2	39.4	10.0	mg/L	97	99	1 %
QC1103024	MS 1	Fluoride	EPA 300.0	1102314-001	1.38	M	2.84	2.91	mg/L	NC	NC	NC
QC1103055	MS 1	Aluminum, Dissolved	EPA 200.7	1102287-002	<0.045	0.944	0.935	1.00	mg/L	94	93	1 %
		Barium, Dissolved	EPA 200.7	1102287-002	0.071	1.09	1.09	1.00	mg/L	102	102	<1%
		Beryllium, Dissolved	EPA 200.7	1102287-002	<0.001	1.02	1.01	1.00	mg/L	102	101	1 %
		Bismuth, Dissolved	EPA 200.7	1102287-002	<0.100	1.04	1.02	1.00	mg/L	105	103	2 %
		Boron, Dissolved	EPA 200.7	1102287-002	<0.100	1.09	1.08	1.00	mg/L	103	102	1 %
		Cadmium, Dissolved	EPA 200.7	1102287-002	<0.001	1.03	1.03	1.00	mg/L	103	103	<1%
		Calcium, Dissolved	EPA 200.7	1102287-002	29.1	38.6	38.0	10.0	mg/L	95	89	2 %
		Chromium, Dissolved	EPA 200.7	1102287-002	<0.005	1.01	1.01	1.00	mg/L	101	101	<1%
		Cobalt, Dissolved	EPA 200.7	1102287-002	<0.010	1.04	1.03	1.00	mg/L	104	103	1 %
		Copper, Dissolved	EPA 200.7	1102287-002	<0.050	5.28	5.27	5.00	mg/L	106	105	<1%
		Gallium, Dissolved	EPA 200.7	1102287-002	<0.100	1.01	1.02	1.00	mg/L	101	102	1 %
		Iron, Dissolved	EPA 200.7	1102287-002	<0.050	1.04	1.04	1.00	mg/L	101	101	<1%
		Lithium, Dissolved	EPA 200.7	1102287-002	<0.100	0.997	0.989	1.00	mg/L	99	98	1 %
		Magnesium, Dissolved	EPA 200.7	1102287-002	8.77	18.3	17.9	10.0	mg/L	95	91	2 %
		Manganese, Dissolved	EPA 200.7	1102287-002	<0.005	0.990	0.980	1.00	mg/L	99	98	1 %
		Molybdenum, Dissolved	EPA 200.7	1102287-002	<0.010	0.974	0.968	1.00	mg/L	97	97	1 %
		Nickel, Dissolved	EPA 200.7	1102287-002	<0.010	5.07	5.04	5.00	mg/L	101	101	1 %
		Phosphorus, Dissolved	EPA 200.7	1102287-002	<0.500	5.44	5.41	5.00	mg/L	102	102	1 %
		Potassium, Dissolved	EPA 200.7	1102287-002	5.84	16.4	16.5	10.0	mg/L	106	107	1 %
		Scandium, Dissolved	EPA 200.7	1102287-002	<0.100	1.01	1.01	1.00	mg/L	101	101	<1%
		Silver, Dissolved	EPA 200.7	1102287-002	<0.005	0.096	0.097	0.090	mg/L	108	109	1 %
		Sodium, Dissolved	EPA 200.7	1102287-002	22.7	32.4	32.2	10.0	mg/L	97	95	1 %
QC1103056	MS 1	Strontium, Dissolved	EPA 200.7	1102287-002	0.180	1.18	1.18	1.00	mg/L	100	100	<1%
		Tin, Dissolved	EPA 200.7	1102287-002	<0.100	0.927	0.914	1.00	mg/L	96	95	1 %
		Titanium, Dissolved	EPA 200.7	1102287-002	<0.100	1.00	0.999	1.00	mg/L	100	100	<1%
		Vanadium, Dissolved	EPA 200.7	1102287-002	0.019	1.05	1.04	1.00	mg/L	103	102	1 %
		Zinc, Dissolved	EPA 200.7	1102287-002	<0.010	1.08	1.07	1.00	mg/L	108	107	1 %
	MS 1	Aluminum, Dissolved	EPA 200.7	1102287-003	<0.045	0.949	0.966	1.00	mg/L	94	96	2 %
		Barium, Dissolved	EPA 200.7	1102287-003	0.055	1.08	1.10	1.00	mg/L	102	104	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC1103096	MS 1	Beryllium, Dissolved	EPA 200.7	1102287-003	<0.001	1.00	1.02	1.00	mg/L	100	102	2 %	
		Bismuth, Dissolved	EPA 200.7	1102287-003	<0.100	1.03	1.05	1.00	mg/L	103	105	2 %	
		Boron, Dissolved	EPA 200.7	1102287-003	<0.100	1.11	1.13	1.00	mg/L	102	104	2 %	
		Cadmium, Dissolved	EPA 200.7	1102287-003	<0.001	1.02	1.04	1.00	mg/L	102	104	2 %	
		Calcium, Dissolved	EPA 200.7	1102287-003	26.4	35.2	36.1	10.0	mg/L	88	97	3 %	
		Chromium, Dissolved	EPA 200.7	1102287-003	<0.005	1.02	1.03	1.00	mg/L	102	103	1 %	
		Cobalt, Dissolved	EPA 200.7	1102287-003	<0.010	1.03	1.06	1.00	mg/L	103	106	3 %	
		Copper, Dissolved	EPA 200.7	1102287-003	<0.050	5.37	5.49	5.00	mg/L	107	110	2 %	
		Gallium, Dissolved	EPA 200.7	1102287-003	<0.100	1.01	1.03	1.00	mg/L	101	103	2 %	
		Iron, Dissolved	EPA 200.7	1102287-003	<0.010	1.07	1.07	1.00	mg/L	106	106	<1%	
		Lithium, Dissolved	EPA 200.7	1102287-003	<0.100	0.945	0.988	1.00	mg/L	93	97	4 %	
		Magnesium, Dissolved	EPA 200.7	1102287-003	5.77	15.5	15.6	10.0	mg/L	97	98	1 %	
		Manganese, Dissolved	EPA 200.7	1102287-003	<0.005	0.971	0.981	1.00	mg/L	97	98	1 %	
		Molybdenum, Dissolved	EPA 200.7	1102287-003	<0.010	0.965	0.984	1.00	mg/L	96	98	2 %	
		Nickel, Dissolved	EPA 200.7	1102287-003	<0.010	5.03	5.13	5.00	mg/L	101	103	2 %	
		Phosphorus, Dissolved	EPA 200.7	1102287-003	<0.500	5.26	5.43	5.00	mg/L	102	105	3 %	
		Potassium, Dissolved	EPA 200.7	1102287-003	5.79	15.7	16.4	10.0	mg/L	99	106	4 %	
		Scandium, Dissolved	EPA 200.7	1102287-003	<0.100	1.02	1.03	1.00	mg/L	102	103	1 %	
		Silver, Dissolved	EPA 200.7	1102287-003	<0.005	0.098	0.099	0.090	mg/L	110	112	1 %	
		Sodium, Dissolved	EPA 200.7	1102287-003	31.0	39.3	40.7	10.0	mg/L	83	97	4 %	
		Strontium, Dissolved	EPA 200.7	1102287-003	0.151	1.11	1.15	1.00	mg/L	96	100	4 %	
		Tin, Dissolved	EPA 200.7	1102287-003	<0.100	0.894	0.914	1.00	mg/L	92	94	2 %	
		Titanium, Dissolved	EPA 200.7	1102287-003	<0.100	1.05	1.05	1.00	mg/L	105	105	<1%	
		Vanadium, Dissolved	EPA 200.7	1102287-003	0.020	1.05	1.07	1.00	mg/L	103	105	2 %	
		Zinc, Dissolved	EPA 200.7	1102287-003	<0.010	1.05	1.08	1.00	mg/L	105	108	3 %	
QC1103097	MS 1	Uranium, Dissolved	EPA 200.8	1102287-002	<0.0100	0.0114	0.0109	0.010	mg/L	108	102	4 %	
		Mercury, Dissolved	EPA 200.8	1102287-002	<0.000100	0.001020	0.001056	0.001	mg/L	102	106	3 %	
		Antimony, Dissolved	EPA 200.8	1102287-002	<0.0025	0.0100	0.0103	0.010	mg/L	100	103	3 %	
		Arsenic, Dissolved	EPA 200.8	1102287-002	0.0072	0.0606	0.0607	0.050	mg/L	107	107	<1%	
		Lead, Dissolved	EPA 200.8	1102287-002	<0.0025	0.0112	0.0108	0.010	mg/L	112	108	4 %	
		Selenium, Dissolved	EPA 200.8	1102287-002	<0.0050	0.0499	0.0500	0.050	mg/L	100	100	<1%	
		Thallium, Dissolved	EPA 200.8	1102287-002	<0.0010	0.0103	0.0100	0.010	mg/L	103	100	3 %	
QC1103148	MS 1	Uranium, Dissolved	EPA 200.8	1102287-003	<0.0100	0.0123	0.0127	0.010	mg/L	111	115	3 %	
		Mercury, Dissolved	EPA 200.8	1102287-003	<0.000100	0.001058	0.001154	0.001	mg/L	104	113	9 %	
		Antimony, Dissolved	EPA 200.8	1102287-003	<0.0025	0.0103	0.0102	0.010	mg/L	99	98	1 %	
		Arsenic, Dissolved	EPA 200.8	1102287-003	0.0126	0.0650	0.0655	0.050	mg/L	105	106	1 %	
		Lead, Dissolved	EPA 200.8	1102287-003	<0.0025	0.0115	0.0116	0.010	mg/L	114	114	1 %	
		Selenium, Dissolved	EPA 200.8	1102287-003	<0.0050	0.0483	0.0488	0.050	mg/L	95	96	1 %	
		Thallium, Dissolved	EPA 200.8	1102287-003	<0.0010	0.0105	0.0102	0.010	mg/L	104	101	3 %	
QC1103149	MS 1	Aluminum	EPA 200.7	1102319-001	0.535	M	1.87	1.89	1.00	mg/L	NC	NC	NC
		Barium	EPA 200.7	1102319-001	0.047		1.04	1.05	1.00	mg/L	99	100	1 %
		Beryllium	EPA 200.7	1102319-001	<0.001		1.00	0.999	1.00	mg/L	100	100	<1%
		Bismuth	EPA 200.7	1102319-001	<0.100		1.02	1.01	1.00	mg/L	102	101	1 %
		Boron	EPA 200.7	1102319-001	<0.100		1.05	1.06	1.00	mg/L	100	101	1 %
		Cadmium	EPA 200.7	1102319-001	<0.001		1.00	1.01	1.00	mg/L	100	101	1 %
		Calcium	EPA 200.7	1102319-001	34.1		43.4	44.9	10.0	mg/L	93	108	3 %
		Chromium	EPA 200.7	1102319-001	<0.005		0.989	0.994	1.00	mg/L	99	99	1 %
		Cobalt	EPA 200.7	1102319-001	<0.010		1.00	1.00	1.00	mg/L	100	100	<1%
		Copper	EPA 200.7	1102319-001	<0.050		5.02	5.10	5.00	mg/L	100	102	2 %
		Gallium	EPA 200.7	1102319-001	<0.100		0.988	0.994	1.00	mg/L	99	99	1 %
		Iron	EPA 200.7	1102319-001	0.379		1.54	1.56	1.00	mg/L	116	118	1 %
		Lithium	EPA 200.7	1102319-001	<0.100		0.979	0.984	1.00	mg/L	97	97	1 %
		Magnesium	EPA 200.7	1102319-001	11.4		21.1	21.2	10.0	mg/L	97	98	<1%
		Manganese	EPA 200.7	1102319-001	0.017		0.989	0.992	1.00	mg/L	97	98	<1%
		Molybdenum	EPA 200.7	1102319-001	<0.010		0.967	0.958	1.00	mg/L	97	96	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1103149	MS 1	Nickel	EPA 200.7	1102319-001	<0.010	4.92	4.95	5.00	mg/L	98	99	1 %
		Phosphorus	EPA 200.7	1102319-001	<0.500	5.28	5.24	5.00	mg/L	104	103	1 %
		Potassium	EPA 200.7	1102319-001	4.14	14.7	14.9	10.0	mg/L	106	108	1 %
		Scandium	EPA 200.7	1102319-001	<0.100	1.00	1.01	1.00	mg/L	100	101	1 %
		Silver	EPA 200.7	1102319-001	<0.005	0.093	0.094	0.090	mg/L	105	106	1 %
		Sodium	EPA 200.7	1102319-001	23.4	33.0	34.2	10.0	mg/L	96	108	4 %
		Strontium	EPA 200.7	1102319-001	0.197	1.19	1.22	1.00	mg/L	99	102	2 %
		Tin	EPA 200.7	1102319-001	<0.100	0.935	0.918	1.00	mg/L	98	96	2 %
		Titanium	EPA 200.7	1102319-001	<0.100	1.02	1.02	1.00	mg/L	101	101	<1%
		Vanadium	EPA 200.7	1102319-001	0.015	1.02	1.02	1.00	mg/L	100	100	<1%
		Zinc	EPA 200.7	1102319-001	<0.010	1.05	1.05	1.00	mg/L	104	104	<1%
		Aluminum	EPA 200.7	1102319-002	0.354	1.51	1.51	1.00	mg/L	116	116	<1%
		Barium	EPA 200.7	1102319-002	0.060	1.02	1.02	1.00	mg/L	96	96	<1%
		Beryllium	EPA 200.7	1102319-002	<0.001	0.982	0.984	1.00	mg/L	98	98	<1%
		Bismuth	EPA 200.7	1102319-002	<0.100	0.981	0.983	1.00	mg/L	100	100	<1%
		Boron	EPA 200.7	1102319-002	<0.100	1.07	1.08	1.00	mg/L	99	100	1 %
		Cadmium	EPA 200.7	1102319-002	<0.001	0.946	0.970	1.00	mg/L	95	97	3 %
		Calcium	EPA 200.7	1102319-002	86.1	96.8	98.8	10.0	mg/L	107	127	2 %
		Chromium	EPA 200.7	1102319-002	<0.005	0.956	0.961	1.00	mg/L	96	96	1 %
		Cobalt	EPA 200.7	1102319-002	<0.010	0.953	0.968	1.00	mg/L	95	97	2 %
		Copper	EPA 200.7	1102319-002	<0.050	4.93	4.90	5.00	mg/L	99	98	1 %
		Gallium	EPA 200.7	1102319-002	<0.100	0.946	0.945	1.00	mg/L	95	94	<1%
		Iron	EPA 200.7	1102319-002	0.312	1.44	1.43	1.00	mg/L	113	112	1 %
		Lithium	EPA 200.7	1102319-002	<0.100	0.978	0.957	1.00	mg/L	96	94	2 %
		Magnesium	EPA 200.7	1102319-002	30.4	39.2	40.0	10.0	mg/L	88	96	2 %
		Manganese	EPA 200.7	1102319-002	0.010	0.953	0.964	1.00	mg/L	94	95	1 %
		Molybdenum	EPA 200.7	1102319-002	<0.010	0.943	0.950	1.00	mg/L	95	95	1 %
		Nickel	EPA 200.7	1102319-002	<0.010	4.69	4.77	5.00	mg/L	94	95	2 %
		Phosphorus	EPA 200.7	1102319-002	<0.500	5.16	5.27	5.00	mg/L	101	103	2 %
		Potassium	EPA 200.7	1102319-002	5.89	16.4	16.3	10.0	mg/L	105	104	1 %
		Scandium	EPA 200.7	1102319-002	<0.100	0.993	0.979	1.00	mg/L	99	98	1 %
		Silver	EPA 200.7	1102319-002	<0.005	0.090	0.089	0.090	mg/L	101	100	1 %
		Sodium	EPA 200.7	1102319-002	48.1	58.3	58.0	10.0	mg/L	102	99	1 %
		Strontium	EPA 200.7	1102319-002	0.460	1.46	1.43	1.00	mg/L	100	97	2 %
		Tin	EPA 200.7	1102319-002	<0.100	0.865	0.889	1.00	mg/L	94	96	3 %
		Titanium	EPA 200.7	1102319-002	<0.100	1.01	0.990	1.00	mg/L	100	98	2 %
		Vanadium	EPA 200.7	1102319-002	0.034	1.01	1.02	1.00	mg/L	98	99	1 %
		Zinc	EPA 200.7	1102319-002	<0.010	0.974	1.00	1.00	mg/L	97	100	3 %
	QC1103150	Mercury	EPA 200.8	1102319-001	<0.000100	0.001048	0.001046	0.001	mg/L	98	98	<1%
		Antimony	EPA 200.8	1102319-001	<0.0025	0.0107	0.0107	0.010	mg/L	98	97	<1%
		Arsenic	EPA 200.8	1102319-001	<0.0050	0.0605	0.0599	0.050	mg/L	111	110	1 %
		Lead	EPA 200.8	1102319-001	<0.0025	0.0114	0.0116	0.010	mg/L	112	114	2 %
		Selenium	EPA 200.8	1102319-001	<0.0050	0.0551	0.0552	0.050	mg/L	103	104	<1%
		Thallium	EPA 200.8	1102319-001	<0.0010	0.0113	0.0113	0.010	mg/L	112	112	<1%
	QC1103152	Uranium	EPA 200.8	1102319-001	<0.0100	0.0114	0.0117	0.010	mg/L	111	114	3 %
		Mercury	EPA 200.8	1102319-002	<0.000100	0.000984	0.000994	0.001	mg/L	96	97	1 %
		Antimony	EPA 200.8	1102319-002	<0.0025	0.0112	0.0112	0.010	mg/L	97	97	<1%
		Arsenic	EPA 200.8	1102319-002	0.0082	0.0687	0.0666	0.050	mg/L	121	117	3 %
		Lead	EPA 200.8	1102319-002	<0.0025	0.0111	0.0107	0.010	mg/L	109	105	4 %
		Selenium	EPA 200.8	1102319-002	0.0099	0.0644	0.0598	0.050	mg/L	109	100	7 %
		Thallium	EPA 200.8	1102319-002	<0.0010	0.0110	0.0104	0.010	mg/L	110	104	6 %
		Uranium	EPA 200.8	1102319-002	<0.0100	0.0121	0.0117	0.010	mg/L	112	107	3 %



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analyses.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number **1102231**

Report

Due Date:

03/11/11

Page **1** of **2**

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438

Email mli@mettest.com

Turnaround Time

Standard _____ 5 Day _____ Other _____

Billing Address (if different than Client Address):

Company _____

Address _____

City, State & Zip _____

Contact _____

Phone _____

Fax _____

Email _____

Additional Information

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

Sample Type Codes

DW = Drinking Water	SD = Solid
WW = Wastewater	SO = Soil
SW = Surface Water	HW = Hazardous Waste
MW = Monitoring Well	OTHER: _____

SAMPLE ID/LOCATION	DATE	TIME	NO. OF CONTAINERS	Analyses Requested												Spl. No.
				S	A	M	P	E	T	I	N	E	R	S	Profile II w/o Wad	
604 562	Wk:4	2/25/11	9:00	WW	2	X										1
604 569																2
604 606																3
604 653																4
[REDACTED]																5
[REDACTED]																6
604 673																7
604 767																8
604 787																9
604 811																10
604 854																11
604 862		↓	↓	↓	↓	↓										12

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT	DATE	TIME	Samples Relinquished By	Samples Received By
Temperature 21 °C	2/25	15:05	JM B	AB Colley
Custody Seals Intact? Y N None				
Number of Containers 4				

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

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475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETlaboratory.com

Lab Number

H02331

Report

Due Date:

03/11/11

Page

2

of 2

Client	McClelland Laboratories, Inc.		Turnaround Time
Address	1016 Greg Street		Standard
City, State & Zip	Sparks, NV 89431		5-Day
Contact	Gene McClelland		Other
Phone	775-356-1300	Collector's Name	Robert
Fax	775-356-8917	Project Name	
P.O. Number	Project Number		3438
Email	mlt@mettest.com		

Additional Information											
Fax Results	Y	N	To: Client	Billing	S	A	N	O	Analyses Requested		
Email Results	Y	N	To: Client	Billing	M	C	P	O			
Compliance Monitoring	Y	N			L	I	N	E			
Fax Results to State EPA	Y	N			T	Y	N	E			
Sample Type Codes											
DW = Drinking Water	SD = Solid										
WW = Wastewater	SO = Soil										
SW = Surface Water	HW = Hazardous Waste										
MW = Monitoring Well	OTHER: _____										
SAMPLE ID/LOCATION		DATE	TIME	Profile II w/o Ward							Sp. No.

604 867	Wk:4	2/25/11	9:00	WW	2	X							13
605 033													14
605 153													15
SRK 0854													16
SRK 0858													17
SRK 0864													18
SRK 0866													19
SRK 0867													20
SRK 0872	▼	▼	▼	▼	▼	▼							21

Instructions/Comments/Special Requirements:													
---	--	--	--	--	--	--	--	--	--	--	--	--	--

SAMPLE RECEIPT		DATE	TIME	Samples relinquished by		Samples Received by	
Temperature	21 °C	2/25/11	15:25	<i>John J. Madsen</i>		<i>Al Boelluf</i>	
Custody Seals Intact?	Y	<i>No</i>					
Number of Containers	<i>58</i>						

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

3/17/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1102168

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 2/11/2011. Additional comments are located on page 2 of this report.

This is an amended report that includes the results for Uranium as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1102168

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on sample 1102168-012 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

Due to the sample matrix it was necessary to analyze the following at a dilution:

1102168-011 Nitrite Nitrogen
1102168-014 Nitrite Nitrogen, Chloride
1102168-018 Nitrite Nitrogen, Chloride, Iron
1102168-019 Nitrite Nitrogen, Chloride, Cadmium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 3/17/2011

OrderID: 1102168

Customer Sample ID: 604 562 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-001

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.34	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	53	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	44	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Fluoride	EPA 300.0	0.91	mg/L	0.10	2/11/2011
Sulfate	EPA 300.0	88	SC mg/L	1.0	2/11/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/11/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.017	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	38	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	7.4	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.18	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	7.2	mg/L	0.50	2/17/2011

Customer Sample ID: 604 562 WK:2
WETLAB Sample ID: 1102168-001

Collect Date/Time: 2/11/2011 09:00

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	2.0	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0051	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	3/11/2011
Anions	Calculation	2.75	meq/L	0.10	
Cations	Calculation	2.78	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 569 WK:2
WETLAB Sample ID: 1102168-002

Collect Date/Time: 2/11/2011 09:00

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.54	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	62	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	51	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	2/11/2011
Sulfate	EPA 300.0	79	mg/L	1.0	2/11/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/11/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.015	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011

Customer Sample ID: 604 569 WK:2
 WETLAB Sample ID: 1102168-002

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	28	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	8.6	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.13	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.025	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	9.4	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	8.2	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.25	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.047	mg/L	0.010	3/11/2011
Anions	Calculation	2.75	meq/L	0.10	
Cations	Calculation	2.71	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 606 WK:2
 WETLAB Sample ID: 1102168-003

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.17	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011

Customer Sample ID: 604 606 WK:2
 WETLAB Sample ID: 1102168-003

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	100	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	2/11/2011
Sulfate	EPA 300.0	62	mg/L	1.0	2/11/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/11/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.040	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	36	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	6.6	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.045	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.048	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	18	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	10	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.43	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0057	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.10	mg/L	0.10	3/11/2011

Customer Sample ID: 604 606 WK:2
 WETLAB Sample ID: 1102168-003

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.35	meq/L	0.10	
Cations	Calculation	3.24	meq/L	0.10	
Error	Calculation	1.8	%	1.0	

Customer Sample ID: 604 653 WK:2
 WETLAB Sample ID: 1102168-004

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.19	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	1.6	mg/L	1.0	2/11/2011
Fluoride	EPA 300.0	2.7	mg/L	0.10	2/11/2011
Sulfate	EPA 300.0	100	mg/L	1.0	2/11/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/11/2011
Total Dissolved Solids (TDS)	SM 2540C	270	Q mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.035	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	45	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	8.4	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.16	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.038	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	23	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011

Customer Sample ID: 604 653 WK:2
 WETLAB Sample ID: 1102168-004

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	19	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.44	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0052	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.046	mg/L	0.010	3/11/2011
Anions	Calculation	4.40	meq/L	0.10	
Cations	Calculation	4.36	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 673 WK:2
 WETLAB Sample ID: 1102168-005

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.98	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	82	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	67	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	2/11/2011
Sulfate	EPA 300.0	38	mg/L	1.0	2/11/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/11/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/11/2011
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.029	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	20	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011

Customer Sample ID: 604 673 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-005

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	3.2	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.014	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.057	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	12	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	12	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.055	mg/L	0.010	3/11/2011
Anions	Calculation	2.22	meq/L	0.10	
Cations	Calculation	2.09	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 767 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-006

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.73	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	83	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	68	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011

Customer Sample ID: 604 767 WK:2
 WETLAB Sample ID: 1102168-006

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	2.6	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	98	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.028	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	44	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	7.0	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.40	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.015	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	13	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	6.0	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.33	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	0.018	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.012	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.23	mg/L	0.10	3/11/2011
Anions	Calculation	3.54	meq/L	0.10	
Cations	Calculation	3.38	meq/L	0.10	

Customer Sample ID: 604 767 WK:2
 WETLAB Sample ID: 1102168-006

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	2.3	%	1.0	

Customer Sample ID: 604 787 WK:2
 WETLAB Sample ID: 1102168-007

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.58	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	88	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	59	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	40	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	6.4	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.083	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.039	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	6.4	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	9.0	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.33	mg/L	0.10	2/17/2011

Customer Sample ID: 604 787 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-007

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0071	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.16	mg/L	0.10	3/11/2011
Anions	Calculation	3.10	meq/L	0.10	
Cations	Calculation	3.08	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 811 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-008

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.05	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	98	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	1.9	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	60	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	38	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011

Customer Sample ID: 604 811 WK:2
 WETLAB Sample ID: 1102168-008

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	7.1	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.031	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.033	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	12	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	7.8	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.59	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.016	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.063	mg/L	0.010	3/11/2011
Anions	Calculation	3.32	meq/L	0.10	
Cations	Calculation	3.13	meq/L	0.10	
Error	Calculation	2.9	%	1.0	

Customer Sample ID: 604 854 WK:2
 WETLAB Sample ID: 1102168-009

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.92	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	85	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	99	mg/L	1.0	2/12/2011

Customer Sample ID: 604 854 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-009

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	300	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.040	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	46	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	8.8	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.096	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.036	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	24	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	5.3	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.70	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.013	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.036	mg/L	0.010	3/11/2011
Anions	Calculation	3.79	meq/L	0.10	
Cations	Calculation	3.87	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Customer Sample ID: 604 862 WK:2
 WETLAB Sample ID: 1102168-010

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	8.18	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	150	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	3.0	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	46	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	240	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	48	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	9.7	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.0096	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.034	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	15	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	4.4	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	1.0	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011

Customer Sample ID: 604 862 WK:2
 WETLAB Sample ID: 1102168-010

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.019	mg/L	0.010	2/22/2011
Anions	Calculation	3.57	meq/L	0.10	
Cations	Calculation	3.77	meq/L	0.10	
Error	Calculation	2.7	%	1.0	

Customer Sample ID: 604 867 WK:2
 WETLAB Sample ID: 1102168-011

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.81	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	82	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/12/2011
Fluoride	EPA 300.0	3.3	mg/L	0.20	2/12/2011
Sulfate	EPA 300.0	230	mg/L	2.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	500	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.019	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	110	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	8.5	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.12	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.054	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011

Customer Sample ID: 604 867 WK:2
 WETLAB Sample ID: 1102168-011

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	17	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	2.7	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	1.5	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.016	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	6.60	meq/L	0.10	
Cations	Calculation	6.75	meq/L	0.10	
Error	Calculation	1.1	%	1.0	

Customer Sample ID: 605 033 WK:2
 WETLAB Sample ID: 1102168-012

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.80	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	90	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	74	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	2.7	M mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	68	SC mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.025	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011

Customer Sample ID: 605 033 WK:2
 WETLAB Sample ID: 1102168-012

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	34	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	4.9	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.029	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	16	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	6.6	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.40	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.028	mg/L	0.010	2/22/2011
Anions	Calculation	3.03	meq/L	0.10	
Cations	Calculation	2.80	meq/L	0.10	
Error	Calculation	4.0	%	1.0	

Customer Sample ID: 605 153 WK:2
 WETLAB Sample ID: 1102168-013

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.62	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	67	mg/L	1.0	2/11/2011

Customer Sample ID: 605 153 WK:2
 WETLAB Sample ID: 1102168-013

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	55	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	1.8	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	25	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	87	mg/L	10	2/14/2011
Aluminum	EPA 200.7	0.047	mg/L	0.045	2/17/2011
Barium	EPA 200.7	0.074	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	15	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	3.4	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.014	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	8.2	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	6.1	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	1.2	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011

Customer Sample ID: 605 153 WK:2
 WETLAB Sample ID: 1102168-013

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	0.013	mg/L	0.010	2/22/2011
Anions	Calculation	1.71	meq/L	0.10	
Cations	Calculation	1.51	meq/L	0.10	
Error	Calculation	6.3	%	1.0	

Customer Sample ID: SRK 0854 WK:2
 WETLAB Sample ID: 1102168-014

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.21	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	1.3	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	1.1	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/12/2011
Fluoride	EPA 300.0	0.51	mg/L	0.20	2/12/2011
Sulfate	EPA 300.0	430	mg/L	100	2/14/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	670	mg/L	10	2/14/2011
Aluminum	EPA 200.7	0.28	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	0.015	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	120	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	0.077	mg/L	0.010	2/17/2011
Copper	EPA 200.7	33	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	8.0	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	1.8	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	0.042	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	7.6	mg/L	0.50	2/17/2011

Customer Sample ID: SRK 0854 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-014

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	2.1	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.38	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	0.98	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.024	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	9.03	meq/L	0.10	
Cations	Calculation	8.10	meq/L	0.10	
Error	Calculation	5.5	%	1.0	

Customer Sample ID: SRK 0858 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-015

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.59	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	30	mg/L	1.0	2/15/2011
Sulfate	EPA 300.0	160	mg/L	10	2/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	280	mg/L	10	2/14/2011
Aluminum	EPA 200.7	18	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	0.0016	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	0.0014	mg/L	0.0010	2/17/2011

Customer Sample ID: SRK 0858 WK:2
 WETLAB Sample ID: 1102168-015

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	27	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	0.022	mg/L	0.010	2/17/2011
Copper	EPA 200.7	6.1	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	4.2	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	1.6	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.54	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	2.8	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	0.10	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	0.0026	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	4.91	meq/L	0.10	
Cations	Calculation	4.07	meq/L	0.10	
Error	Calculation	9.3	%	1.0	

Customer Sample ID: SRK 0864 WK:2
 WETLAB Sample ID: 1102168-016

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.12	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	38	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011

Customer Sample ID: SRK 0864 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-016

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	31	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	2.1	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	120	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	39	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	6.9	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.042	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.049	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	2.6	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	13	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.17	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	0.011	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011

Customer Sample ID: SRK 0864 WK:2
WETLAB Sample ID: 1102168-016

Collect Date/Time: 2/11/2011 09:00
Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	3.26	meq/L	0.10	
Cations	Calculation	3.15	meq/L	0.10	
Error	Calculation	1.7	%	1.0	

Customer Sample ID: SRK 0866 WK:2
WETLAB Sample ID: 1102168-017

Collect Date/Time: 2/11/2011 09:00
Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.32	Q	pH Units	2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	31	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	25	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	2/12/2011
Sulfate	EPA 300.0	49	mg/L	1.0	2/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	94	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	19	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	2.4	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	0.035	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	0.022	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	2.4	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011

Customer Sample ID: SRK 0866 WK:2
 WETLAB Sample ID: 1102168-017

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	3.9	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.19	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/23/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	1.62	meq/L	0.10	
Cations	Calculation	1.38	meq/L	0.10	
Error	Calculation	8.2	%	1.0	

Customer Sample ID: SRK 0867 WK:2
 WETLAB Sample ID: 1102168-018

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.51	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	12	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	9.4	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/12/2011
Fluoride	EPA 300.0	1.5	mg/L	0.20	2/12/2011
Sulfate	EPA 300.0	550	mg/L	100	2/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	840	mg/L	10	2/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	0.0013	mg/L	0.0010	2/17/2011
Calcium	EPA 200.7	170	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011

Customer Sample ID: SRK 0867 WK:2
WETLAB Sample ID: 1102168-018

Collect Date/Time: 2/11/2011 09:00
Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	0.021	mg/L	0.010	2/17/2011
Copper	EPA 200.7	0.12	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.050	mg/L	0.050	2/22/2011
Lithium	EPA 200.7	0.12	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	17	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	3.6	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	0.022	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	5.3	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	5.5	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.37	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	0.011	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	0.022	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	0.0034	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0099	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	11.8	meq/L	0.10	
Cations	Calculation	10.4	meq/L	0.10	
Error	Calculation	6.2	%	1.0	

Customer Sample ID: SRK 0872 WK:2
WETLAB Sample ID: 1102168-019

Collect Date/Time: 2/11/2011 09:00
Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.66	pH Units		2/11/2011
Bicarbonate (HCO ₃)	SM 2320B	20	mg/L	1.0	2/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/11/2011
Total Alkalinity	SM 2320B	17	mg/L as CaCO ₃	1.0	2/11/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/12/2011

Customer Sample ID: SRK 0872 WK:2
 WETLAB Sample ID: 1102168-019

Collect Date/Time: 2/11/2011 09:00
 Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	0.89	mg/L	0.20	2/12/2011
Sulfate	EPA 300.0	800	mg/L	100	2/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/12/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/12/2011
Total Dissolved Solids (TDS)	SM 2540C	1200	mg/L	10	2/14/2011
Aluminum	EPA 200.7	0.053	mg/L	0.045	2/17/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Cadmium	EPA 200.7	<0.0050	mg/L	0.0050	2/22/2011
Calcium	EPA 200.7	260	mg/L	0.50	2/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Cobalt	EPA 200.7	0.010	mg/L	0.010	2/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Magnesium	EPA 200.7	12	mg/L	0.50	2/17/2011
Manganese	EPA 200.7	2.3	mg/L	0.0050	2/17/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/17/2011
Potassium	EPA 200.7	2.7	mg/L	0.50	2/17/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/17/2011
Sodium	EPA 200.7	2.4	mg/L	0.50	2/17/2011
Strontium	EPA 200.7	0.18	mg/L	0.10	2/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/17/2011
Zinc	EPA 200.7	0.023	mg/L	0.010	2/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/22/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/22/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/22/2011
Selenium	EPA 200.8	0.0078	mg/L	0.0050	2/22/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/22/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/22/2011
Anions	Calculation	17.0	meq/L	0.10	
Cations	Calculation	14.2	meq/L	0.10	

Customer Sample ID: SRK 0872 WK:2

Collect Date/Time: 2/11/2011 09:00

WETLAB Sample ID: 1102168-019

Receive Date: 2/11/2011 15:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	9.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102336	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102336	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102336	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102338	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102338	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102338	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1102340	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102340	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102340	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102342	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102342	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102342	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102344	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102344	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102344	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102387	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102387	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102387	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102391	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102391	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102391	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102396	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102396	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102444	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102444	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102482	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
QC1102483	Blank 1	Vanadium, Dissolved	EPA 200.7	<0.010	mg/L		
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L		
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L		
		Barium, Dissolved	EPA 200.7	<0.010	mg/L		
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L		
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L		
		Boron, Dissolved	EPA 200.7	<0.10	mg/L		
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L		
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L		
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L		
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L		
		Copper, Dissolved	EPA 200.7	<0.050	mg/L		
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L		
		Iron, Dissolved	EPA 200.7	<0.010	mg/L		
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L		
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L		
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L		
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L		
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L		
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L		
QC1102556	Blank 1	Potassium, Dissolved	EPA 200.7	<0.50	mg/L		
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L		
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L		
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L		
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L		
		Tin, Dissolved	EPA 200.7	<0.10	mg/L		
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L		
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L		
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L		
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L		
QC1102557	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L		
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L		
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L		
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L		
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L		
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L		
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L		
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L		
QC1102558	Blank 1	Antimony, Dissolved	EPA 200.8	<0.0025	mg/L		
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L		
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L		
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L		
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L		
		Uranium, Dissolved	EPA 200.8	<0.010	mg/L		
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L		
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L		
QC1102333	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC1102333	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1102334	LCS 1	Alkalinity	SM 2320B	96.7	100	97	mg/L
QC1102334	LCS 2	Alkalinity	SM 2320B	96.2	100	96	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102336	LCS 1	Fluoride	EPA 300.0	2.02	2.00	101	mg/L
QC1102338	LCS 1	Chloride	EPA 300.0	9.78	10.0	98	mg/L
QC1102340	LCS 1	Nitrite Nitrogen	EPA 300.0	0.532	0.500	106	mg/L
QC1102342	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L
QC1102344	LCS 1	Sulfate	EPA 300.0	24.2	25.0	97	mg/L
QC1102387	LCS 1	Fluoride	EPA 300.0	2.02	2.00	101	mg/L
QC1102391	LCS 1	Sulfate	EPA 300.0	24.4	25.0	97	mg/L
QC1102396	LCS 1	Sulfate	EPA 300.0	5.09	5.00	102	mg/L
QC1102444	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	160	150	107	mg/L
QC1102444	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	137	150	92	mg/L
QC1102482	LCS 1	Aluminum	EPA 200.7	0.940	1.00	94	mg/L
		Barium	EPA 200.7	0.949	1.00	95	mg/L
		Beryllium	EPA 200.7	0.962	1.00	96	mg/L
		Bismuth	EPA 200.7	0.989	1.00	99	mg/L
		Boron	EPA 200.7	0.880	1.00	88	mg/L
		Cadmium	EPA 200.7	0.964	1.00	96	mg/L
		Calcium	EPA 200.7	9.74	10.0	97	mg/L
		Chromium	EPA 200.7	0.946	1.00	95	mg/L
		Cobalt	EPA 200.7	0.961	1.00	96	mg/L
		Copper	EPA 200.7	4.59	5.00	92	mg/L
		Gallium	EPA 200.7	0.959	1.00	96	mg/L
		Iron	EPA 200.7	0.965	1.00	96	mg/L
		Lithium	EPA 200.7	0.878	1.00	88	mg/L
		Magnesium	EPA 200.7	9.81	10.0	98	mg/L
		Manganese	EPA 200.7	0.929	1.00	93	mg/L
		Molybdenum	EPA 200.7	0.961	1.00	96	mg/L
		Nickel	EPA 200.7	4.78	5.00	96	mg/L
		Phosphorus	EPA 200.7	4.89	5.00	98	mg/L
		Potassium	EPA 200.7	9.51	10.0	95	mg/L
		Scandium	EPA 200.7	0.957	1.00	96	mg/L
		Silver	EPA 200.7	0.084	0.090	93	mg/L
		Sodium	EPA 200.7	9.19	10.0	92	mg/L
		Strontium	EPA 200.7	0.930	1.00	93	mg/L
		Tin	EPA 200.7	0.964	1.00	96	mg/L
		Titanium	EPA 200.7	0.991	1.00	99	mg/L
		Vanadium	EPA 200.7	0.941	1.00	94	mg/L
		Zinc	EPA 200.7	0.983	1.00	98	mg/L
QC1102483	LCS 1	Aluminum	EPA 200.7	0.930	1.00	93	mg/L
		Barium	EPA 200.7	0.925	1.00	92	mg/L
		Beryllium	EPA 200.7	0.941	1.00	94	mg/L
		Bismuth	EPA 200.7	0.967	1.00	97	mg/L
		Boron	EPA 200.7	0.850	1.00	85	mg/L
		Cadmium	EPA 200.7	0.928	1.00	93	mg/L
		Calcium	EPA 200.7	9.44	10.0	94	mg/L
		Chromium	EPA 200.7	0.919	1.00	92	mg/L
		Cobalt	EPA 200.7	0.929	1.00	93	mg/L
		Copper	EPA 200.7	4.53	5.00	91	mg/L
		Gallium	EPA 200.7	0.939	1.00	94	mg/L
		Iron	EPA 200.7	0.939	1.00	94	mg/L
		Lithium	EPA 200.7	0.882	1.00	88	mg/L
		Magnesium	EPA 200.7	9.17	10.0	92	mg/L
		Manganese	EPA 200.7	0.912	1.00	91	mg/L
		Molybdenum	EPA 200.7	0.936	1.00	94	mg/L
		Nickel	EPA 200.7	4.63	5.00	93	mg/L
		Phosphorus	EPA 200.7	4.70	5.00	94	mg/L
		Potassium	EPA 200.7	9.52	10.0	95	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102556	LCS 1	Scandium	EPA 200.7	0.945	1.00	94	mg/L
		Silver	EPA 200.7	0.083	0.090	92	mg/L
		Sodium	EPA 200.7	8.99	10.0	90	mg/L
		Strontium	EPA 200.7	0.917	1.00	92	mg/L
		Tin	EPA 200.7	0.924	1.00	92	mg/L
		Titanium	EPA 200.7	0.958	1.00	96	mg/L
		Vanadium	EPA 200.7	0.921	1.00	92	mg/L
		Zinc	EPA 200.7	0.934	1.00	93	mg/L
		Mercury	EPA 200.8	0.000968	0.001	97	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0516	0.050	103	mg/L
		Lead	EPA 200.8	0.0104	0.010	104	mg/L
QC1102557	LCS 1	Selenium	EPA 200.8	0.0572	0.050	114	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0108	0.010	108	mg/L
		Mercury	EPA 200.8	0.000968	0.001	97	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0516	0.050	103	mg/L
QC1102558	LCS 1	Lead	EPA 200.8	0.0104	0.010	104	mg/L
		Selenium	EPA 200.8	0.0572	0.050	114	mg/L
		Thallium	EPA 200.8	0.0106	0.010	106	mg/L
		Uranium	EPA 200.8	0.0108	0.010	108	mg/L
		Mercury	EPA 200.8	0.000939	0.001	94	mg/L
		Antimony	EPA 200.8	0.0100	0.010	100	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1102333	Duplicate 1	pH	SM 4500-H+ B	1102157-001	8.34	8.36	pH Units	<1%
QC1102333	Duplicate 2	pH	SM 4500-H+ B	1102164-001	8.85	8.87	pH Units	<1%
QC1102333	Duplicate 3	pH	SM 4500-H+ B	1102168-007	7.58	7.65	pH Units	1 %
QC1102333	Duplicate 4	pH	SM 4500-H+ B	1102168-017	7.32	6.98	pH Units	5 %
QC1102334	Duplicate 1	Bicarbonate (HCO ₃)	SM 2320B	1102157-001	484	486	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1102157-001	6.14	6.48	mg/L	5 %
		Hydroxide (OH)	SM 2320B	1102157-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102157-001	407	409	mg/L as CaCO ₃	1 %
	Duplicate 2	Bicarbonate (HCO ₃)	SM 2320B	1102164-001	150	146	mg/L	3 %
		Carbonate (CO ₃)	SM 2320B	1102164-001	23.4	25.2	mg/L	7 %
		Hydroxide (OH)	SM 2320B	1102164-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102164-001	162	162	mg/L as CaCO ₃	<1%
	Duplicate 3	Bicarbonate (HCO ₃)	SM 2320B	1102168-007	108	108	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1102168-007	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102168-007	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102168-007	88.3	88.4	mg/L as CaCO ₃	<1%
	Duplicate 4	Bicarbonate (HCO ₃)	SM 2320B	1102168-017	30.8	29.4	mg/L	5 %
		Carbonate (CO ₃)	SM 2320B	1102168-017	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102168-017	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102168-017	25.2	24.1	mg/L as CaCO ₃	5 %
QC1102444	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1102146-001	30.0	37.0	mg/L	21 %
QC1102444	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1102160-001	289	272	mg/L	6 %
QC1102444	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1102168-004	273	289	mg/L	6 %
QC1102444	Duplicate 4	Total Dissolved Solids (TDS)	SM 2540C	1102168-016	227	235	mg/L	3 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102336	MS 1	Fluoride	EPA 300.0	1102168-001	0.905	2.53	2.44	2.00	mg/L	81	77	4 %
QC1102336	MS 2	Fluoride	EPA 300.0	1102168-012	2.68	M	4.02	3.98	2.00	mg/L	NC	NC
QC1102338	MS 1	Chloride	EPA 300.0	1102168-001	<1.000	5.36	5.34	5.00	mg/L	106	106	<1%
QC1102338	MS 2	Chloride	EPA 300.0	1102168-012	<1.000	5.42	5.45	5.00	mg/L	103	104	1 %
QC1102340	MS 1	Nitrite Nitrogen	EPA 300.0	1102168-001	<0.025	0.528	0.531	0.500	mg/L	105	106	1 %
QC1102340	MS 2	Nitrite Nitrogen	EPA 300.0	1102168-012	<0.025	0.527	0.529	0.500	mg/L	105	106	<1%
QC1102342	MS 1	Nitrate Nitrogen	EPA 300.0	1102168-001	<1.000	1.97	1.99	2.00	mg/L	97	98	1 %
QC1102342	MS 2	Nitrate Nitrogen	EPA 300.0	1102168-012	<1.000	1.96	1.98	2.00	mg/L	97	98	1 %
QC1102344	MS 1	Sulfate	EPA 300.0	1102168-001	87.7	SC	94.8	94.8	10.0	mg/L	NC	NC
QC1102344	MS 2	Sulfate	EPA 300.0	1102168-012	67.8	SC	75.3	75.4	10.0	mg/L	NC	NC
QC1102387	MS 1	Fluoride	EPA 300.0	1102135-005	0.520	2.20	2.19	2.00	mg/L	84	83	<1%
QC1102387	MS 2	Fluoride	EPA 300.0	1102160-002	0.256	1.96	1.96	2.00	mg/L	85	85	<1%
QC1102391	MS 1	Sulfate	EPA 300.0	1102135-005	87.6	96.3	96.3	10.0	mg/L	87	87	<1%
QC1102391	MS 2	Sulfate	EPA 300.0	1102160-002	31.4	40.3	40.3	10.0	mg/L	89	89	<1%
QC1102396	MS 1	Sulfate	EPA 300.0	1102166-022	53.2	105	106	10.0	mg/L	104	105	1 %
QC1102482	MS 1	Aluminum, Dissolved	EPA 200.7	1102187-002	<0.045	0.995	0.952	1.00	mg/L	96	92	4 %
		Barium, Dissolved	EPA 200.7	1102187-002	0.194	1.16	1.09	1.00	mg/L	97	90	6 %
		Beryllium, Dissolved	EPA 200.7	1102187-002	<0.001	0.993	0.935	1.00	mg/L	99	94	6 %
		Bismuth, Dissolved	EPA 200.7	1102187-002	<0.100	0.937	0.884	1.00	mg/L	97	91	6 %
		Boron, Dissolved	EPA 200.7	1102187-002	0.115	1.15	1.07	1.00	mg/L	103	96	7 %
		Cadmium, Dissolved	EPA 200.7	1102187-002	<0.001	0.956	0.881	1.00	mg/L	96	88	8 %
		Calcium, Dissolved	EPA 200.7	1102187-002	238	SC	263	252	10.0	mg/L	NC	NC
		Chromium, Dissolved	EPA 200.7	1102187-002	<0.005	0.967	0.908	1.00	mg/L	97	91	6 %
		Cobalt, Dissolved	EPA 200.7	1102187-002	<0.010	0.917	0.851	1.00	mg/L	91	85	7 %
		Copper, Dissolved	EPA 200.7	1102187-002	<0.050	4.81	4.59	5.00	mg/L	96	92	5 %
		Gallium, Dissolved	EPA 200.7	1102187-002	<0.100	0.977	0.923	1.00	mg/L	97	92	6 %
		Iron, Dissolved	EPA 200.7	1102187-002	<0.010	0.972	0.931	1.00	mg/L	97	93	4 %
		Lithium, Dissolved	EPA 200.7	1102187-002	0.547	1.48	1.48	1.00	mg/L	93	93	<1%
		Magnesium, Dissolved	EPA 200.7	1102187-002	75.1	87.7	83.2	10.0	mg/L	126	81	5 %
		Manganese, Dissolved	EPA 200.7	1102187-002	<0.005	0.891	0.839	1.00	mg/L	93	88	6 %
		Molybdenum, Dissolved	EPA 200.7	1102187-002	<0.010	1.00	0.940	1.00	mg/L	101	95	6 %
		Nickel, Dissolved	EPA 200.7	1102187-002	0.012	4.49	4.17	5.00	mg/L	90	83	7 %
		Phosphorus, Dissolved	EPA 200.7	1102187-002	<0.500	5.27	4.82	5.00	mg/L	105	96	9 %
		Potassium, Dissolved	EPA 200.7	1102187-002	9.22	21.4	21.1	10.0	mg/L	122	119	1 %
		Scandium, Dissolved	EPA 200.7	1102187-002	<0.100	0.991	0.945	1.00	mg/L	99	95	5 %
		Silver, Dissolved	EPA 200.7	1102187-002	<0.005	0.089	0.085	0.090	mg/L	100	96	5 %
		Sodium, Dissolved	EPA 200.7	1102187-002	87.3	SC	104	105	10.0	mg/L	NC	NC
		Strontium, Dissolved	EPA 200.7	1102187-002	1.55	2.60	2.61	1.00	mg/L	105	106	<1%
		Tin, Dissolved	EPA 200.7	1102187-002	<0.100	0.945	0.866	1.00	mg/L	101	93	9 %
		Titanium, Dissolved	EPA 200.7	1102187-002	<0.100	1.01	0.980	1.00	mg/L	101	98	3 %
		Vanadium, Dissolved	EPA 200.7	1102187-002	0.028	1.03	0.969	1.00	mg/L	100	94	6 %
		Zinc, Dissolved	EPA 200.7	1102187-002	0.035	0.987	0.898	1.00	mg/L	95	86	9 %
QC1102483	MS 1	Aluminum, Dissolved	EPA 200.7	1102187-003	<0.045	0.952	0.925	1.00	mg/L	93	91	3 %
		Barium, Dissolved	EPA 200.7	1102187-003	0.141	1.07	1.02	1.00	mg/L	93	88	5 %
		Beryllium, Dissolved	EPA 200.7	1102187-003	<0.001	0.971	0.931	1.00	mg/L	97	93	4 %
		Bismuth, Dissolved	EPA 200.7	1102187-003	<0.100	0.934	0.905	1.00	mg/L	97	94	3 %
		Boron, Dissolved	EPA 200.7	1102187-003	<0.100	0.976	0.935	1.00	mg/L	96	92	4 %
		Cadmium, Dissolved	EPA 200.7	1102187-003	<0.001	0.913	0.867	1.00	mg/L	91	87	5 %
		Calcium, Dissolved	EPA 200.7	1102187-003	118	126	122	10.0	mg/L	80	40	3 %
		Chromium, Dissolved	EPA 200.7	1102187-003	<0.005	0.935	0.897	1.00	mg/L	93	90	4 %
		Cobalt, Dissolved	EPA 200.7	1102187-003	<0.010	0.880	0.842	1.00	mg/L	88	84	4 %
		Copper, Dissolved	EPA 200.7	1102187-003	<0.050	4.65	4.50	5.00	mg/L	93	90	3 %
		Gallium, Dissolved	EPA 200.7	1102187-003	<0.100	0.960	0.922	1.00	mg/L	95	92	4 %
		Iron, Dissolved	EPA 200.7	1102187-003	<0.010	0.948	1.01	1.00	mg/L	95	101	6 %
		Lithium, Dissolved	EPA 200.7	1102187-003	<0.100	0.897	0.884	1.00	mg/L	88	87	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102556	MS 1	Magnesium, Dissolved	EPA 200.7	1102187-003	43.1	SC 49.6	47.6	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1102187-003	<0.005	0.895	0.861	1.00	mg/L	92	88	4 %
		Molybdenum, Dissolved	EPA 200.7	1102187-003	<0.010	0.973	0.929	1.00	mg/L	98	93	5 %
		Nickel, Dissolved	EPA 200.7	1102187-003	<0.010	4.33	4.13	5.00	mg/L	87	83	5 %
		Phosphorus, Dissolved	EPA 200.7	1102187-003	<0.500	4.92	4.68	5.00	mg/L	97	92	5 %
		Potassium, Dissolved	EPA 200.7	1102187-003	7.29	17.9	17.8	10.0	mg/L	106	105	1 %
		Scandium, Dissolved	EPA 200.7	1102187-003	<0.100	0.973	0.941	1.00	mg/L	97	94	3 %
		Silver, Dissolved	EPA 200.7	1102187-003	<0.005	0.086	0.084	0.090	mg/L	97	94	2 %
		Sodium, Dissolved	EPA 200.7	1102187-003	42.2	51.9	52.5	10.0	mg/L	97	103	1 %
		Strontium, Dissolved	EPA 200.7	1102187-003	0.670	1.60	1.60	1.00	mg/L	93	93	<1%
		Tin, Dissolved	EPA 200.7	1102187-003	<0.100	0.897	0.842	1.00	mg/L	98	92	6 %
		Titanium, Dissolved	EPA 200.7	1102187-003	<0.100	0.989	0.961	1.00	mg/L	99	96	3 %
		Vanadium, Dissolved	EPA 200.7	1102187-003	0.035	0.996	0.956	1.00	mg/L	96	92	4 %
		Zinc, Dissolved	EPA 200.7	1102187-003	<0.010	0.903	0.853	1.00	mg/L	90	85	6 %
		Uranium, Dissolved	EPA 200.8	1102187-001	<0.0100	0.0122	0.0122	0.010	mg/L	105	105	<1%
		Mercury, Dissolved	EPA 200.8	1102187-001	<0.000100 M	0.001363	0.001400	0.001	mg/L	NC	NC	NC
QC1102557	MS 1	Antimony, Dissolved	EPA 200.8	1102187-001	<0.0025	0.0113	0.0113	0.010	mg/L	112	112	<1%
		Arsenic, Dissolved	EPA 200.8	1102187-001	0.0114	0.0733	0.0731	0.050	mg/L	124	123	<1%
		Lead, Dissolved	EPA 200.8	1102187-001	<0.0025	0.0111	0.0112	0.010	mg/L	111	112	1 %
		Selenium, Dissolved	EPA 200.8	1102187-001	<0.0050	0.0585	0.0582	0.050	mg/L	112	112	1 %
		Thallium, Dissolved	EPA 200.8	1102187-001	<0.0010	0.0110	0.0112	0.010	mg/L	110	112	2 %
		Uranium, Dissolved	EPA 200.8	1102187-002	<0.0100	0.0123	0.0124	0.010	mg/L	116	117	1 %
		Mercury, Dissolved	EPA 200.8	1102187-002	0.000302 M	0.001692	0.001727	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1102187-002	<0.0025	0.0115	0.0117	0.010	mg/L	115	117	2 %
		Arsenic, Dissolved	EPA 200.8	1102187-002	0.0052	0.0673	0.0681	0.050	mg/L	124	126	1 %
		Lead, Dissolved	EPA 200.8	1102187-002	<0.0025	0.0114	0.0117	0.010	mg/L	114	117	3 %
QC1102558	MS 1	Selenium, Dissolved	EPA 200.8	1102187-002	0.0163	0.0712	0.0719	0.050	mg/L	110	111	1 %
		Thallium, Dissolved	EPA 200.8	1102187-002	<0.0010	0.0108	0.0114	0.010	mg/L	108	114	5 %
		Uranium, Dissolved	EPA 200.8	1102187-003	0.0104	0.0220	0.0222	0.010	mg/L	115	117	1 %
		Mercury, Dissolved	EPA 200.8	1102187-003	0.005191 SC	0.006942	0.006970	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1102187-003	<0.0025	0.0120	0.0119	0.010	mg/L	118	117	1 %
		Arsenic, Dissolved	EPA 200.8	1102187-003	0.0781 M	0.1441	0.1437	0.050	mg/L	NC	NC	NC
		Lead, Dissolved	EPA 200.8	1102187-003	<0.0025	0.0119	0.0118	0.010	mg/L	119	118	1 %
		Selenium, Dissolved	EPA 200.8	1102187-003	0.0095	0.0668	0.0669	0.050	mg/L	114	115	<1%
		Thallium, Dissolved	EPA 200.8	1102187-003	<0.0010	0.0115	0.0114	0.010	mg/L	115	114	1 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

2/18/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1102063

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 2/4/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
Laboratory Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1102063

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on samples 1102063-002 and 013 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

Due to the sample matrix it was necessary to analyze the following at a dilution:

1102063-001,014,015,019 Nitrite Nitrogen, Chloride

1102063-010 Manganese

1102063-018 Nitrite Nitrogen

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA -- Reported value was calculated using the method of Standard Additions.
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 **Fax:** (775) 356-8917
PO\Project: 3438

Date Printed: 2/18/2011
OrderID: 1102063

Customer Sample ID: 604 562 WK:1
WETLAB Sample ID: 1102063-001

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	84	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/5/2011
Fluoride	EPA 300.0	1.8	mg/L	0.20	2/5/2011
Sulfate	EPA 300.0	400	mg/L	2.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	720	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.022	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	150	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	31	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.91	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	22	mg/L	0.50	2/10/2011

Customer Sample ID: 604 562 WK:1
WETLAB Sample ID: 1102063-001

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	9.6	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	1.5	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.031	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	0.033	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	0.0071	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.0082	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	10.1	meq/L	0.10	
Cations	Calculation	11.0	meq/L	0.10	
Error	Calculation	4.7	%	1.0	

Customer Sample ID: 604 569 WK:1
WETLAB Sample ID: 1102063-002

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.16	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	88	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	72	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	2.7	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	2.7	M mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	72	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	200	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.013	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.11	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	28	mg/L	0.50	2/10/2011

Customer Sample ID: 604 569 WK:1

Collect Date/Time: 2/4/2011 09:00

WETLAB Sample ID: 1102063-002

Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	9.0	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.15	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.060	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	14	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	20	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.27	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	3.16	meq/L	0.10	
Cations	Calculation	3.37	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: 604 606 WK:1

Collect Date/Time: 2/4/2011 09:00

WETLAB Sample ID: 1102063-003

Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.43	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	4.8	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	95	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	2.3	mg/L	1.0	2/5/2011

Customer Sample ID: 604 606 WK:1
 WETLAB Sample ID: 1102063-003

Collect Date/Time: 2/4/2011 09:00
 Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	2.0	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	35	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.026	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.20	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	24	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	4.2	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.020	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.083	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	22	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	23	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.30	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	2.86	meq/L	0.10	
Cations	Calculation	3.11	meq/L	0.10	
Error	Calculation	4.1	%	1.0	

Customer Sample ID: 604 606 WK:1
WETLAB Sample ID: 1102063-003

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Customer Sample ID: 604 653 WK:1				Collect Date/Time: 2/4/2011 09:00	
WETLAB Sample ID: 1102063-004				Receive Date: 2/4/2011 16:20	

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.13	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	71	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	58	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	3.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	1.3	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	59	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.030	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	24	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	4.3	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.055	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.052	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	16	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	17	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.24	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011

Customer Sample ID: 604 653 WK:1
WETLAB Sample ID: 1102063-004

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	2.55	meq/L	0.10	
Cations	Calculation	2.70	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Customer Sample ID: 604 673 WK:1
WETLAB Sample ID: 1102063-005

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.33	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	82	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	2.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	70	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	1.5	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	2.0	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	60	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.019	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.13	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	25	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011

Customer Sample ID: 604 673 WK:1
WETLAB Sample ID: 1102063-005

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	4.0	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.010	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.094	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	16	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	21	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.23	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.0062	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	2.81	meq/L	0.10	
Cations	Calculation	2.90	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 767 WK:1
WETLAB Sample ID: 1102063-006

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	83	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	68	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	2.9	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	3.6	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	170	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	370	mg/L	10	2/7/2011

Customer Sample ID: 604 767 WK:1
WETLAB Sample ID: 1102063-006

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.024	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.16	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	69	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	11	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.46	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	24	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	16	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.53	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	0.012	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.019	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	5.17	meq/L	0.10	
Cations	Calculation	5.68	meq/L	0.10	
Error	Calculation	4.6	%	1.0	

Customer Sample ID: 604 787 WK:1
WETLAB Sample ID: 1102063-007

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	110	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	91	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	2.2	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	130	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	310	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	63	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	9.9	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.094	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.084	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	9.3	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	20	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.56	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/16/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011

Customer Sample ID: 604 787 WK:1
WETLAB Sample ID: 1102063-007

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Selenium	EPA 200.8	0.013	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/16/2011
Anions	Calculation	4.66	meq/L	0.10	
Cations	Calculation	5.07	meq/L	0.10	
Error	Calculation	4.2	%	1.0	

Customer Sample ID: 604 811 WK:1
WETLAB Sample ID: 1102063-008

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.38	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	3.7	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	2.5	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	59	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	41	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	7.6	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.023	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.055	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011

Customer Sample ID: 604 811 WK:1
WETLAB Sample ID: 1102063-008

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Potassium	EPA 200.7	15	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	19	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.64	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.011	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/16/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Selenium	EPA 200.8	0.015	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/16/2011
Anions	Calculation	3.64	meq/L	0.10	
Cations	Calculation	3.88	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: 604 854 WK:1
WETLAB Sample ID: 1102063-009

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.36	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	3.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	2.6	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	120	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	350	mg/L	10	2/9/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.038	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.14	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011

Customer Sample ID: 604 854 WK:1
WETLAB Sample ID: 1102063-009

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	54	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	10	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.086	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.060	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	41	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	15	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.91	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/16/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/16/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/16/2011
Selenium	EPA 200.8	0.015	mg/L	0.0050	2/16/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/16/2011
Anions	Calculation	4.94	meq/L	0.10	
Cations	Calculation	5.22	meq/L	0.10	
Error	Calculation	2.8	%	1.0	

Customer Sample ID: 604 862 WK:1
WETLAB Sample ID: 1102063-010

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.30	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	180	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	1.1	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	150	mg/L as CaCO3	1.0	2/4/2011

Customer Sample ID: 604 862 WK:1
WETLAB Sample ID: 1102063-010

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	3.6	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	63	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	280	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	56	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	12	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	<0.025	mg/L	0.025	2/11/2011
Molybdenum	EPA 200.7	0.043	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	21	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	13	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	1.3	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.016	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	4.51	meq/L	0.10	
Cations	Calculation	4.88	meq/L	0.10	

Customer Sample ID: 604 862 WK:1
WETLAB Sample ID: 1102063-010

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	4.0	%	1.0	

Customer Sample ID: 604 867 WK:1
WETLAB Sample ID: 1102063-011

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.10	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	84	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	3.9	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	210	mg/L	1.0	2/18/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	490	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.020	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	110	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	8.7	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.099	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.078	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	26	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	6.2	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	1.8	mg/L	0.10	2/10/2011

Customer Sample ID: 604 867 WK:1
WETLAB Sample ID: 1102063-011

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.012	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.020	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	6.23	meq/L	0.10	
Cations	Calculation	7.14	meq/L	0.10	
Error	Calculation	6.8	%	1.0	

Customer Sample ID: 605 033 WK:1
WETLAB Sample ID: 1102063-012

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.27	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	88	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	2.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	3.3	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	83	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	250	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.029	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	42	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011

Customer Sample ID: 605 033 WK:1
WETLAB Sample ID: 1102063-012

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	6.5	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.023	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.048	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	25	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	17	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.51	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.014	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	3.76	meq/L	0.10	
Cations	Calculation	4.01	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: 605 153 WK:1
WETLAB Sample ID: 1102063-013

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.26	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	100	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	84	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	2.6	M mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	40	mg/L	1.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/5/2011

Customer Sample ID: 605 153 WK:1
WETLAB Sample ID: 1102063-013

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Dissolved Solids (TDS)	SM 2540C	170	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.13	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.17	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	23	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	5.4	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.048	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.019	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	14	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	19	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	1.8	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	2.61	meq/L	0.10	
Cations	Calculation	2.78	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: SRK 0854 WK:1
WETLAB Sample ID: 1102063-014

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.98	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	<5.0	mg/L	5.0	2/5/2011
Fluoride	EPA 300.0	1.7	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	880	mg/L	5.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	1300	mg/L	10	2/7/2011
Aluminum	EPA 200.7	1.6	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	0.0016	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	0.045	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	220	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	0.24	mg/L	0.010	2/10/2011
Copper	EPA 200.7	160	mg/L	0.25	2/11/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	0.61	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	0.16	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	21	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	5.0	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	0.12	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	18	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	6.9	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.79	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.019	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	3.2	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011

Customer Sample ID: SRK 0854 WK:1

Collect Date/Time: 2/4/2011 09:00

WETLAB Sample ID: 1102063-014

Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	0.0030	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.049	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	18.5	meq/L	0.10	
Cations	Calculation	19.0	meq/L	0.10	
Error	Calculation	1.3	%	1.0	

Customer Sample ID: SRK 0858 WK:1

Collect Date/Time: 2/4/2011 09:00

WETLAB Sample ID: 1102063-015

Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	4.27	pH Units		2/4/2011
Acidity (Titrimetric)	SM 2310B	280	mg/L as CaCO ₃		2/11/2011
Chloride	EPA 300.0	<2.0	mg/L	2.0	2/5/2011
Fluoride	EPA 300.0	43	mg/L	1.0	2/10/2011
Sulfate	EPA 300.0	440	mg/L	10	2/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	720	mg/L	10	2/7/2011
Aluminum	EPA 200.7	40	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	0.0034	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	0.0048	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	85	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	0.070	mg/L	0.010	2/10/2011
Copper	EPA 200.7	20	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	22	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	5.2	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	1.7	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	0.029	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	6.6	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011

Customer Sample ID: SRK 0858 WK:1
WETLAB Sample ID: 1102063-015

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	5.0	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.17	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	0.32	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.0072	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	11.5	meq/L	0.10	
Cations	Calculation	14.2	meq/L	0.10	
Error	Calculation	11	%	1.0	

Customer Sample ID: SRK 0864 WK:1
WETLAB Sample ID: 1102063-016

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.60	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	33	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	27	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	4.8	mg/L	2.0	2/5/2011
Fluoride	EPA 300.0	2.2	mg/L	0.20	2/5/2011
Sulfate	EPA 300.0	310	mg/L	2.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	2.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	0.085	mg/L	0.050	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	560	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.018	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	99	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011

Customer Sample ID: SRK 0864 WK:1
WETLAB Sample ID: 1102063-016

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	19	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.12	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.075	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	4.8	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	29	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.44	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.026	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	7.39	meq/L	0.10	
Cations	Calculation	7.89	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: SRK 0866 WK:1
WETLAB Sample ID: 1102063-017

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.42	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	21	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	17	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	3.7	mg/L	1.0	2/5/2011
Fluoride	EPA 300.0	1.4	mg/L	0.10	2/5/2011
Sulfate	EPA 300.0	130	mg/L	1.0	2/5/2011

Customer Sample ID: SRK 0866 WK:1
WETLAB Sample ID: 1102063-017

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	1.2	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	0.029	mg/L	0.025	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	2/7/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/10/2011
Barium	EPA 200.7	0.012	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	50	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	6.7	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	0.093	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	0.026	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	4.7	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	9.3	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.52	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	3.31	meq/L	0.10	
Cations	Calculation	3.57	meq/L	0.10	
Error	Calculation	3.8	%	1.0	

Customer Sample ID: SRK 0867 WK:1
WETLAB Sample ID: 1102063-018

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	6.78	pH Units		2/4/2011
Bicarbonate (HCO3)	SM 2320B	12	mg/L	1.0	2/4/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	10	mg/L as CaCO3	1.0	2/4/2011
Chloride	EPA 300.0	6.2	mg/L	2.0	2/5/2011
Fluoride	EPA 300.0	1.2	mg/L	0.20	2/5/2011
Sulfate	EPA 300.0	530	mg/L	2.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	900	mg/L	10	2/7/2011
Aluminum	EPA 200.7	0.055	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	0.32	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	0.0047	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	200	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	0.070	mg/L	0.010	2/10/2011
Copper	EPA 200.7	0.72	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	0.31	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	22	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	6.2	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	0.083	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011
Potassium	EPA 200.7	7.5	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	12	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.49	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.022	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	0.12	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	0.0027	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011

Customer Sample ID: SRK 0867 WK:1
WETLAB Sample ID: 1102063-018

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.016	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	11.5	meq/L	0.10	
Cations	Calculation	12.8	meq/L	0.10	
Error	Calculation	5.3	%	1.0	

Customer Sample ID: SRK 0872 WK:1
WETLAB Sample ID: 1102063-019

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.00	pH Units		2/4/2011
Bicarbonate (HCO ₃)	SM 2320B	18	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	15	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	<5.0	mg/L	5.0	2/5/2011
Fluoride	EPA 300.0	0.74	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	830	mg/L	5.0	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/5/2011
Nitrite Nitrogen	EPA 300.0	<0.12	mg/L	0.12	2/5/2011
Total Dissolved Solids (TDS)	SM 2540C	1400	mg/L	10	2/7/2011
Aluminum	EPA 200.7	0.068	mg/L	0.045	2/10/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/10/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Cadmium	EPA 200.7	0.0027	mg/L	0.0010	2/10/2011
Calcium	EPA 200.7	330	mg/L	0.50	2/10/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Cobalt	EPA 200.7	0.024	mg/L	0.010	2/10/2011
Copper	EPA 200.7	0.14	mg/L	0.050	2/10/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Magnesium	EPA 200.7	19	mg/L	0.50	2/10/2011
Manganese	EPA 200.7	3.8	mg/L	0.0050	2/10/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/10/2011
Nickel	EPA 200.7	0.014	mg/L	0.010	2/10/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/10/2011

Customer Sample ID: SRK 0872 WK:1
WETLAB Sample ID: 1102063-019

Collect Date/Time: 2/4/2011 09:00
Receive Date: 2/4/2011 16:20

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Potassium	EPA 200.7	4.4	mg/L	0.50	2/10/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/10/2011
Sodium	EPA 200.7	6.0	mg/L	0.50	2/10/2011
Strontium	EPA 200.7	0.29	mg/L	0.10	2/10/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/10/2011
Vanadium	EPA 200.7	0.021	mg/L	0.010	2/10/2011
Zinc	EPA 200.7	0.084	mg/L	0.010	2/10/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/14/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/14/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/14/2011
Selenium	EPA 200.8	0.014	mg/L	0.0050	2/14/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/14/2011
Anions	Calculation	17.7	meq/L	0.10	
Cations	Calculation	18.6	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102176	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102176	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102176	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102177	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102177	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102177	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1102178	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102178	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102178	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102179	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102179	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102179	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102180	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102180	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102180	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102182	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102182	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102182	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102183	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102183	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102184	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102184	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102185	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102185	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102186	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102186	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102186	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102250	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102250	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102269	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102269	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102280	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102280	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102282	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102282	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102282	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102293	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102294	Blank 1	Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
QC1102295	Blank 1	Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
		Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC1102315	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102378	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1102379	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L
QC1102380	Blank 1	Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102165	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1102165	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC1102166	LCS 1	Alkalinity	SM 2320B	95.2	100	95	mg/L
QC1102166	LCS 2	Alkalinity	SM 2320B	95.6	100	96	mg/L
QC1102176	LCS 1	Fluoride	EPA 300.0	1.92	2.00	96	mg/L
QC1102177	LCS 1	Chloride	EPA 300.0	9.99	10.0	100	mg/L
QC1102178	LCS 1	Nitrite Nitrogen	EPA 300.0	0.517	0.500	103	mg/L
QC1102179	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC1102180	LCS 1	Sulfate	EPA 300.0	25.4	25.0	102	mg/L
QC1102182	LCS 1	Fluoride	EPA 300.0	1.92	2.00	96	mg/L
QC1102183	LCS 1	Chloride	EPA 300.0	9.99	10.0	100	mg/L
QC1102184	LCS 1	Nitrite Nitrogen	EPA 300.0	0.517	0.500	103	mg/L
QC1102185	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC1102186	LCS 1	Sulfate	EPA 300.0	25.4	25.0	102	mg/L
QC1102250	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	152	150	101	mg/L
QC1102250	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L
QC1102269	LCS 1	Fluoride	EPA 300.0	2.17	2.00	109	mg/L
QC1102280	LCS 1	Sulfate	EPA 300.0	23.0	25.0	92	mg/L
QC1102282	LCS 1	Sulfate	EPA 300.0	5.15	5.00	103	mg/L
QC1102293	LCS 1	Aluminum	EPA 200.7	1.05	1.00	105	mg/L
		Barium	EPA 200.7	1.06	1.00	106	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.08	1.00	108	mg/L
		Boron	EPA 200.7	1.02	1.00	102	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102294	LCS 1	Cadmium	EPA 200.7	1.08	1.00	108	mg/L
		Calcium	EPA 200.7	10.5	10.0	105	mg/L
		Chromium	EPA 200.7	1.05	1.00	105	mg/L
		Cobalt	EPA 200.7	1.07	1.00	107	mg/L
		Copper	EPA 200.7	5.27	5.00	105	mg/L
		Gallium	EPA 200.7	1.06	1.00	106	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	1.01	1.00	101	mg/L
		Magnesium	EPA 200.7	10.4	10.0	104	mg/L
		Manganese	EPA 200.7	1.05	1.00	105	mg/L
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L
		Nickel	EPA 200.7	5.35	5.00	107	mg/L
		Phosphorus	EPA 200.7	5.44	5.00	109	mg/L
		Potassium	EPA 200.7	10.3	10.0	103	mg/L
		Scandium	EPA 200.7	1.05	1.00	105	mg/L
		Silver	EPA 200.7	0.098	0.090	109	mg/L
		Sodium	EPA 200.7	10.3	10.0	103	mg/L
		Strontium	EPA 200.7	1.02	1.00	102	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.05	1.00	105	mg/L
		Zinc	EPA 200.7	1.10	1.00	110	mg/L
QC1102295	LCS 1	Aluminum	EPA 200.7	1.05	1.00	105	mg/L
		Barium	EPA 200.7	1.06	1.00	106	mg/L
		Beryllium	EPA 200.7	1.07	1.00	107	mg/L
		Bismuth	EPA 200.7	1.08	1.00	108	mg/L
		Boron	EPA 200.7	1.02	1.00	102	mg/L
		Cadmium	EPA 200.7	1.08	1.00	108	mg/L
		Calcium	EPA 200.7	10.5	10.0	105	mg/L
		Chromium	EPA 200.7	1.05	1.00	105	mg/L
		Cobalt	EPA 200.7	1.07	1.00	107	mg/L
		Copper	EPA 200.7	5.27	5.00	105	mg/L
		Gallium	EPA 200.7	1.06	1.00	106	mg/L
		Iron	EPA 200.7	1.05	1.00	105	mg/L
		Lithium	EPA 200.7	1.01	1.00	101	mg/L
		Magnesium	EPA 200.7	10.4	10.0	104	mg/L
		Manganese	EPA 200.7	1.05	1.00	105	mg/L
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L
		Nickel	EPA 200.7	5.35	5.00	107	mg/L
		Phosphorus	EPA 200.7	5.44	5.00	109	mg/L
		Potassium	EPA 200.7	10.3	10.0	103	mg/L
		Scandium	EPA 200.7	1.05	1.00	105	mg/L
		Silver	EPA 200.7	0.098	0.090	109	mg/L
		Sodium	EPA 200.7	10.3	10.0	103	mg/L
		Strontium	EPA 200.7	1.02	1.00	102	mg/L
		Tin	EPA 200.7	1.07	1.00	107	mg/L
		Titanium	EPA 200.7	1.04	1.00	104	mg/L
		Vanadium	EPA 200.7	1.05	1.00	105	mg/L
		Zinc	EPA 200.7	1.10	1.00	110	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Chromium	EPA 200.7	1.06	1.00	106	mg/L
		Cobalt	EPA 200.7	1.07	1.00	107	mg/L
		Copper	EPA 200.7	5.43	5.00	109	mg/L
		Gallium	EPA 200.7	1.09	1.00	109	mg/L
		Iron	EPA 200.7	1.07	1.00	107	mg/L
		Lithium	EPA 200.7	1.05	1.00	105	mg/L
		Magnesium	EPA 200.7	10.4	10.0	104	mg/L
		Manganese	EPA 200.7	1.03	1.00	103	mg/L
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L
		Nickel	EPA 200.7	5.39	5.00	108	mg/L
		Phosphorus	EPA 200.7	5.40	5.00	108	mg/L
		Potassium	EPA 200.7	10.8	10.0	108	mg/L
		Scandium	EPA 200.7	1.08	1.00	108	mg/L
		Silver	EPA 200.7	0.098	0.090	109	mg/L
		Sodium	EPA 200.7	10.8	10.0	108	mg/L
		Strontium	EPA 200.7	1.06	1.00	106	mg/L
		Tin	EPA 200.7	1.05	1.00	105	mg/L
		Titanium	EPA 200.7	1.08	1.00	108	mg/L
		Vanadium	EPA 200.7	1.07	1.00	107	mg/L
		Zinc	EPA 200.7	1.10	1.00	110	mg/L
QC1102315	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L
QC1102378	LCS 1	Mercury	EPA 200.8	0.001132	0.001	113	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0566	0.050	113	mg/L
		Lead	EPA 200.8	0.0110	0.010	110	mg/L
		Selenium	EPA 200.8	0.0544	0.050	109	mg/L
		Thallium	EPA 200.8	0.0110	0.010	110	mg/L
		Mercury	EPA 200.8	0.001132	0.001	113	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0566	0.050	113	mg/L
		Lead	EPA 200.8	0.0110	0.010	110	mg/L
		Selenium	EPA 200.8	0.0544	0.050	109	mg/L
		Thallium	EPA 200.8	0.0110	0.010	110	mg/L
		Mercury	EPA 200.8	0.001116	0.001	112	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0565	0.050	113	mg/L
		Lead	EPA 200.8	0.0112	0.010	112	mg/L
		Selenium	EPA 200.8	0.0561	0.050	112	mg/L
		Thallium	EPA 200.8	0.0112	0.010	112	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1102165	Duplicate 1	pH	SM 4500-H+ B	1102056-001	7.69	7.68	pH Units	<1%
QC1102165	Duplicate 2	pH	SM 4500-H+ B	1102059-002	7.86	7.84	pH Units	<1%
QC1102165	Duplicate 3	pH	SM 4500-H+ B	1102063-007	8.01	8.04	pH Units	<1%
QC1102165	Duplicate 4	pH	SM 4500-H+ B	1102063-017	7.42	7.36	pH Units	1 %
		Bicarbonate (HCO3)	SM 2320B	1102056-001	170	170	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1102056-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102056-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102056-001	139	140	mg/L as CaCO3	<1%
		Bicarbonate (HCO3)	SM 2320B	1102059-002	213	213	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1102059-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1102059-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1102059-002	175	174	mg/L as CaCO3	<1%
		Bicarbonate (HCO3)	SM 2320B	1102063-007	111	111	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1102063-007	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD					
QC1102166	Duplicate 4	Hydroxide (OH)	SM 2320B	1102063-007	<1.000	<1.000	mg/L	<1%					
		Total Alkalinity	SM 2320B	1102063-007	91.1	91.4	mg/L as CaCO3	<1%					
		Bicarbonate (HCO3)	SM 2320B	1102063-017	20.6	19.2	mg/L	7 %					
		Carbonate (CO3)	SM 2320B	1102063-017	<1.000	<1.000	mg/L	<1%					
		Hydroxide (OH)	SM 2320B	1102063-017	<1.000	<1.000	mg/L	<1%					
QC1102250	Duplicate 1	Total Alkalinity	SM 2320B	1102063-017	16.8	15.8	mg/L as CaCO3	7 %					
		Total Dissolved Solids (TDS)	SM 2540C	1102052-001	606	608	mg/L	<1%					
		Duplicate 2	SM 2540C	1102056-009	535	523	mg/L	2 %					
		Duplicate 3	SM 2540C	1102063-010	282	280	mg/L	1 %					
		Duplicate 4	SM 2540C	1102065-001	1424	1400	mg/L	2 %					
QC1102315	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1102082-001	579	577	mg/L	<1%					
QC1102315	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1102098-008	301	309	mg/L	3 %					
QC1102325	Duplicate 1	Acidity (Titrimetric)	SM 2310B	1102078-001	16.0	16.0	mg/L as CaCO3	<1%					
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.	MSD % Rec.	RPD			
QC1102176	MS 1	Fluoride	EPA 300.0	1102059-001	<0.100	1.82	1.79	2.00	mg/L	89	88	2 %	
QC1102176	MS 2	Fluoride	EPA 300.0	1102063-002	2.70	M	4.06	4.13	2.00	mg/L	NC	NC	NC
QC1102177	MS 1	Chloride	EPA 300.0	1102059-001	2.74		8.04	8.13	5.00	mg/L	106	108	1 %
QC1102177	MS 2	Chloride	EPA 300.0	1102063-002	2.72		7.92	7.92	5.00	mg/L	104	104	<1%
QC1102178	MS 1	Nitrite Nitrogen	EPA 300.0	1102059-001	<0.025		0.564	0.575	0.500	mg/L	110	113	2 %
QC1102178	MS 2	Nitrite Nitrogen	EPA 300.0	1102063-002	<0.025		0.541	0.540	0.500	mg/L	107	107	<1%
QC1102179	MS 1	Nitrate Nitrogen	EPA 300.0	1102059-001	<1.000		2.17	2.19	2.00	mg/L	107	108	1 %
QC1102179	MS 2	Nitrate Nitrogen	EPA 300.0	1102063-002	<1.000		2.05	2.10	2.00	mg/L	102	104	2 %
QC1102180	MS 1	Sulfate	EPA 300.0	1102059-001	65.2		74.0	74.1	10.0	mg/L	88	89	<1%
QC1102180	MS 2	Sulfate	EPA 300.0	1102063-002	72.1		80.7	80.7	10.0	mg/L	86	86	<1%
QC1102182	MS 1	Fluoride	EPA 300.0	1102063-013	2.63	M	3.97	3.97	2.00	mg/L	NC	NC	NC
QC1102182	MS 2	Fluoride	EPA 300.0	1101435-014	3.65		21.9	20.9	2.00	mg/L	91	86	5 %
QC1102183	MS 1	Chloride	EPA 300.0	1102063-013	<1.000		5.78	5.72	5.00	mg/L	106	105	1 %
QC1102184	MS 1	Nitrite Nitrogen	EPA 300.0	1102063-013	<0.025		0.541	0.540	0.500	mg/L	107	107	<1%
QC1102185	MS 1	Nitrate Nitrogen	EPA 300.0	1102063-013	<1.000		2.13	2.14	2.00	mg/L	104	104	<1%
QC1102186	MS 1	Sulfate	EPA 300.0	1102063-013	40.4		49.8	49.8	10.0	mg/L	94	95	<1%
QC1102186	MS 2	Sulfate	EPA 300.0	1101435-014	202		308	306	10.0	mg/L	105	104	1 %
QC1102269	MS 1	Fluoride	EPA 300.0	1102113-001	0.968		2.57	2.64	2.00	mg/L	80	83	3 %
QC1102280	MS 1	Sulfate	EPA 300.0	1102113-001	145	M	151	152	10.0	mg/L	NC	NC	NC
QC1102282	MS 1	Sulfate	EPA 300.0	1102100-019	40.5		60.8	60.7	10.0	mg/L	101	101	<1%
QC1102282	MS 2	Sulfate	EPA 300.0	1102100-027	<1.000		11.1	11.3	10.0	mg/L	104	106	2 %
QC1102293	MS 1	Aluminum, Dissolved	EPA 200.7	1102056-001	<0.045		0.955	0.952	1.00	mg/L	93	93	<1%
		Barium, Dissolved	EPA 200.7	1102056-001	0.223		1.25	1.25	1.00	mg/L	103	103	<1%
		Beryllium, Dissolved	EPA 200.7	1102056-001	<0.001		1.06	1.06	1.00	mg/L	106	106	<1%
		Bismuth, Dissolved	EPA 200.7	1102056-001	<0.100		0.984	0.986	1.00	mg/L	102	102	<1%
		Boron, Dissolved	EPA 200.7	1102056-001	0.300		1.36	1.37	1.00	mg/L	106	107	1 %
		Cadmium, Dissolved	EPA 200.7	1102056-001	<0.001		1.03	1.03	1.00	mg/L	103	103	<1%
		Calcium, Dissolved	EPA 200.7	1102056-001	137		146	145	10.0	mg/L	90	80	1 %
		Chromium, Dissolved	EPA 200.7	1102056-001	<0.005		1.03	1.03	1.00	mg/L	103	103	<1%
		Cobalt, Dissolved	EPA 200.7	1102056-001	<0.010		1.00	1.00	1.00	mg/L	100	100	<1%
		Copper, Dissolved	EPA 200.7	1102056-001	<0.050		5.06	5.09	5.00	mg/L	101	102	1 %
		Gallium, Dissolved	EPA 200.7	1102056-001	<0.100		0.962	0.963	1.00	mg/L	96	96	<1%
		Iron, Dissolved	EPA 200.7	1102056-001	<0.050		1.04	1.03	1.00	mg/L	104	103	1 %
		Lithium, Dissolved	EPA 200.7	1102056-001	<0.100		1.00	1.00	1.00	mg/L	99	99	<1%
		Magnesium, Dissolved	EPA 200.7	1102056-001	35.6		44.6	44.2	10.0	mg/L	90	86	1 %
		Manganese, Dissolved	EPA 200.7	1102056-001	<0.005		0.989	0.989	1.00	mg/L	101	101	<1%
		Molybdenum, Dissolved	EPA 200.7	1102056-001	<0.010		1.06	1.07	1.00	mg/L	107	108	1 %
		Nickel, Dissolved	EPA 200.7	1102056-001	<0.010		4.96	4.99	5.00	mg/L	99	100	1 %
		Phosphorus, Dissolved	EPA 200.7	1102056-001	<0.500		5.64	5.65	5.00	mg/L	110	110	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102294	MS 1	Potassium, Dissolved	EPA 200.7	1102056-001	5.73	16.3	16.1	10.0	mg/L	106	104	1 %
		Scandium, Dissolved	EPA 200.7	1102056-001	<0.100	1.04	1.05	1.00	mg/L	104	105	1 %
		Silver, Dissolved	EPA 200.7	1102056-001	<0.005	0.093	0.095	0.090	mg/L	105	106	2 %
		Sodium, Dissolved	EPA 200.7	1102056-001	75.0	84.4	84.8	10.0	mg/L	94	98	<1%
		Strontium, Dissolved	EPA 200.7	1102056-001	1.24	2.22	2.22	1.00	mg/L	98	98	<1%
		Tin, Dissolved	EPA 200.7	1102056-001	<0.100	0.903	0.904	1.00	mg/L	108	108	<1%
		Titanium, Dissolved	EPA 200.7	1102056-001	<0.100	1.04	1.03	1.00	mg/L	104	103	1 %
		Vanadium, Dissolved	EPA 200.7	1102056-001	0.037	1.09	1.09	1.00	mg/L	105	105	<1%
		Zinc, Dissolved	EPA 200.7	1102056-001	0.035	1.08	1.09	1.00	mg/L	105	106	1 %
		Aluminum, Dissolved	EPA 200.7	1102056-002	<0.045	0.990	0.991	1.00	mg/L	98	98	<1%
		Barium, Dissolved	EPA 200.7	1102056-002	0.059	1.10	1.10	1.00	mg/L	104	104	<1%
		Beryllium, Dissolved	EPA 200.7	1102056-002	<0.001	1.06	1.06	1.00	mg/L	106	106	<1%
		Bismuth, Dissolved	EPA 200.7	1102056-002	<0.100	1.03	1.03	1.00	mg/L	105	105	<1%
		Boron, Dissolved	EPA 200.7	1102056-002	0.166	1.23	1.24	1.00	mg/L	106	107	1 %
		Cadmium, Dissolved	EPA 200.7	1102056-002	<0.001	1.05	1.05	1.00	mg/L	105	105	<1%
		Calcium, Dissolved	EPA 200.7	1102056-002	45.2	54.5	55.9	10.0	mg/L	93	107	3 %
		Chromium, Dissolved	EPA 200.7	1102056-002	<0.005	1.04	1.04	1.00	mg/L	104	104	<1%
		Cobalt, Dissolved	EPA 200.7	1102056-002	<0.010	1.03	1.03	1.00	mg/L	103	103	<1%
		Copper, Dissolved	EPA 200.7	1102056-002	<0.050	5.19	5.21	5.00	mg/L	104	104	<1%
		Gallium, Dissolved	EPA 200.7	1102056-002	<0.100	1.01	1.01	1.00	mg/L	101	101	<1%
		Iron, Dissolved	EPA 200.7	1102056-002	0.064	1.10	1.10	1.00	mg/L	104	104	<1%
		Lithium, Dissolved	EPA 200.7	1102056-002	<0.100	1.01	1.03	1.00	mg/L	100	102	2 %
		Magnesium, Dissolved	EPA 200.7	1102056-002	18.6	27.8	28.6	10.0	mg/L	92	100	3 %
		Manganese, Dissolved	EPA 200.7	1102056-002	0.066	1.08	1.08	1.00	mg/L	101	101	<1%
		Molybdenum, Dissolved	EPA 200.7	1102056-002	<0.010	1.07	1.07	1.00	mg/L	107	107	<1%
		Nickel, Dissolved	EPA 200.7	1102056-002	<0.010	5.12	5.12	5.00	mg/L	102	102	<1%
		Phosphorus, Dissolved	EPA 200.7	1102056-002	<0.500	5.52	5.54	5.00	mg/L	109	109	<1%
		Potassium, Dissolved	EPA 200.7	1102056-002	6.94	17.4	17.9	10.0	mg/L	105	110	3 %
		Scandium, Dissolved	EPA 200.7	1102056-002	<0.100	1.06	1.06	1.00	mg/L	106	106	<1%
		Silver, Dissolved	EPA 200.7	1102056-002	<0.005	0.097	0.096	0.090	mg/L	108	107	1 %
		Sodium, Dissolved	EPA 200.7	1102056-002	42.9	52.4	53.8	10.0	mg/L	95	109	3 %
		Strontium, Dissolved	EPA 200.7	1102056-002	0.246	1.27	1.28	1.00	mg/L	102	103	1 %
		Tin, Dissolved	EPA 200.7	1102056-002	<0.100	0.963	0.964	1.00	mg/L	107	107	<1%
		Titanium, Dissolved	EPA 200.7	1102056-002	<0.100	1.05	1.06	1.00	mg/L	105	106	1 %
		Vanadium, Dissolved	EPA 200.7	1102056-002	0.021	1.08	1.08	1.00	mg/L	106	106	<1%
		Zinc, Dissolved	EPA 200.7	1102056-002	<0.010	1.08	1.08	1.00	mg/L	108	108	<1%
QC1102295	MS 1	Aluminum, Dissolved	EPA 200.7	1102056-003	<0.045	1.01	1.01	1.00	mg/L	100	100	<1%
		Barium, Dissolved	EPA 200.7	1102056-003	0.048	1.11	1.11	1.00	mg/L	106	106	<1%
		Beryllium, Dissolved	EPA 200.7	1102056-003	<0.001	1.07	1.07	1.00	mg/L	107	107	<1%
		Bismuth, Dissolved	EPA 200.7	1102056-003	<0.100	1.03	1.03	1.00	mg/L	106	106	<1%
		Boron, Dissolved	EPA 200.7	1102056-003	0.148	1.23	1.23	1.00	mg/L	108	108	<1%
		Cadmium, Dissolved	EPA 200.7	1102056-003	<0.001	1.07	1.06	1.00	mg/L	107	106	1 %
		Calcium, Dissolved	EPA 200.7	1102056-003	45.3	57.0	55.6	10.0	mg/L	117	103	2 %
		Chromium, Dissolved	EPA 200.7	1102056-003	<0.005	1.05	1.04	1.00	mg/L	105	104	1 %
		Cobalt, Dissolved	EPA 200.7	1102056-003	<0.010	1.05	1.04	1.00	mg/L	105	104	1 %
		Copper, Dissolved	EPA 200.7	1102056-003	<0.050	5.30	5.28	5.00	mg/L	106	106	<1%
		Gallium, Dissolved	EPA 200.7	1102056-003	<0.100	1.02	1.02	1.00	mg/L	102	102	<1%
		Iron, Dissolved	EPA 200.7	1102056-003	3.06	4.27	4.22	1.00	mg/L	121	116	1 %
		Lithium, Dissolved	EPA 200.7	1102056-003	<0.100	1.02	1.04	1.00	mg/L	102	104	2 %
		Magnesium, Dissolved	EPA 200.7	1102056-003	17.0	26.8	26.6	10.0	mg/L	98	96	1 %
		Manganese, Dissolved	EPA 200.7	1102056-003	0.225	1.24	1.23	1.00	mg/L	101	100	1 %
		Molybdenum, Dissolved	EPA 200.7	1102056-003	<0.010	1.08	1.07	1.00	mg/L	108	107	1 %
		Nickel, Dissolved	EPA 200.7	1102056-003	<0.010	5.27	5.21	5.00	mg/L	105	104	1 %
		Phosphorus, Dissolved	EPA 200.7	1102056-003	<0.500	5.66	5.59	5.00	mg/L	111	110	1 %
		Potassium, Dissolved	EPA 200.7	1102056-003	9.24	19.6	19.6	10.0	mg/L	104	104	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102378	MS 1	Scandium, Dissolved	EPA 200.7	1102056-003	<0.100	1.07	1.08	1.00	mg/L	107	108	1 %
		Silver, Dissolved	EPA 200.7	1102056-003	<0.005	0.098	0.097	0.090	mg/L	109	107	1 %
		Sodium, Dissolved	EPA 200.7	1102056-003	35.7	45.5	44.9	10.0	mg/L	98	92	1 %
		Strontium, Dissolved	EPA 200.7	1102056-003	0.249	1.26	1.26	1.00	mg/L	101	101	<1%
		Tin, Dissolved	EPA 200.7	1102056-003	<0.100	0.978	0.966	1.00	mg/L	110	108	1 %
		Titanium, Dissolved	EPA 200.7	1102056-003	<0.100	1.07	1.07	1.00	mg/L	107	107	<1%
		Vanadium, Dissolved	EPA 200.7	1102056-003	0.020	1.10	1.10	1.00	mg/L	108	108	<1%
		Zinc, Dissolved	EPA 200.7	1102056-003	0.030	1.15	1.13	1.00	mg/L	112	110	2 %
		Mercury, Dissolved	EPA 200.8	1102056-001	<0.000100 M	0.001376	0.001271	0.001	mg/L	NC	NC	NC
		Antimony, Dissolved	EPA 200.8	1102056-001	<0.0025	0.0123	0.0115	0.010	mg/L	119	111	7 %
QC1102379	MS 1	Arsenic, Dissolved	EPA 200.8	1102056-001	0.0180	0.0824	0.0771	0.050	mg/L	129	118	7 %
		Lead, Dissolved	EPA 200.8	1102056-001	<0.0025	0.0124	0.0112	0.010	mg/L	124	111	10 %
		Selenium, Dissolved	EPA 200.8	1102056-001	<0.0050	0.0649	0.0602	0.050	mg/L	121	112	8 %
		Thallium, Dissolved	EPA 200.8	1102056-001	<0.0010	0.0121	0.0107	0.010	mg/L	120	107	12 %
		Mercury, Dissolved	EPA 200.8	1102056-002	<0.000100	0.001270	0.001270	0.001	mg/L	127	127	<1%
		Antimony, Dissolved	EPA 200.8	1102056-002	<0.0025	0.0125	0.0115	0.010	mg/L	114	104	8 %
		Arsenic, Dissolved	EPA 200.8	1102056-002	0.0086	0.0683	0.0657	0.050	mg/L	119	114	4 %
QC1102380	MS 1	Lead, Dissolved	EPA 200.8	1102056-002	<0.0025	0.0118	0.0109	0.010	mg/L	118	109	8 %
		Selenium, Dissolved	EPA 200.8	1102056-002	<0.0050	0.0575	0.0539	0.050	mg/L	115	108	6 %
		Thallium, Dissolved	EPA 200.8	1102056-002	<0.0010	0.0113	0.0108	0.010	mg/L	113	108	5 %
		Mercury, Dissolved	EPA 200.8	1102056-003	<0.000100	0.001261	0.001209	0.001	mg/L	126	121	4 %
		Antimony, Dissolved	EPA 200.8	1102056-003	<0.0025	0.0117	0.0114	0.010	mg/L	114	110	3 %
		Arsenic, Dissolved	EPA 200.8	1102056-003	0.0059	0.0659	0.0645	0.050	mg/L	120	117	2 %

**WETLAB**WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number 1102063

Report 2/18/11
Due Date:

Page 2 of 2

Client McClelland Laboratories, Inc.		Turnaround Time																																																																					
Address 1016 Greg Street		Standard 3-5 Day Other _____																																																																					
City, State & Zip Sparks, NV 89431		Billing Address (if different than Client Address):																																																																					
Contact Gene McClelland		Company _____																																																																					
Phone 775-356-1300	Address _____																																																																						
Fax 775-356-8917	City, State & Zip _____																																																																						
P.O. Number	Contact _____																																																																						
Email mli@mettest.com	Phone _____																																																																						
Additional Information																																																																							
<table border="1"> <tr><td>Fax Results</td><td>Y</td><td>N</td><td>To: Client</td><td>Billing</td><td>TO</td><td>S</td><td>NO</td><td>CIS</td><td>G</td><td>CDN</td><td>TA</td><td>ANALYST</td></tr> <tr><td>Email Results</td><td>Y</td><td>N</td><td>To: Client</td><td>Billing</td><td>RECEIVED</td><td>BY</td><td>DATE</td><td>RECEIVED</td><td>BY</td><td>DATE</td><td>RECEIVED</td><td>ANALYST</td></tr> <tr><td colspan="4">Compliance Monitoring</td><td>Y</td><td>N</td><td colspan="7">Profile II w/o Wad</td></tr> <tr><td colspan="4">Fax Results to State EPA</td><td>Y</td><td>N</td><td colspan="7"></td></tr> </table>												Fax Results	Y	N	To: Client	Billing	TO	S	NO	CIS	G	CDN	TA	ANALYST	Email Results	Y	N	To: Client	Billing	RECEIVED	BY	DATE	RECEIVED	BY	DATE	RECEIVED	ANALYST	Compliance Monitoring				Y	N	Profile II w/o Wad							Fax Results to State EPA				Y	N															
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SAMPLE RECEIPT				DATE	TIME	Sample Received By				Samples Received By																																																													
Temperature	23 °C	2/4/11	16:20	_____ Gene McClellan				_____ B. Aug																																																															
Custody Seals Intact? Y N <input checked="" type="radio"/> None																																																																							
Number of Containers 47																																																																							

WETLAB'S Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

3/25/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1101435

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 1/28/2011. Additional comments are located on page 2 of this report.

This is an amended report that includes the results for Uranium as requested by the client. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1101435

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on sample 1101435-004 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

Due to the sample matrix it was necessary to analyze the following at a dilution:

1101435-003 Vanadium
1101435-004 Selenium, Vanadium
1101435-007 Arsenic, Molybdenum
1101435-008 Arsenic
1101435-009 Manganese
1101435-012 Aluminum, Arsenic
1101435-013 Selenium
1101435-014 Arsenic, Selenium, Vanadium
1101435-015 All metals
1101435-016 All metals

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA — Reported value was calculated using the method of Standard Additions.
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438

Date Printed: 3/25/2011

OrderID: 1101435

Customer Sample ID: 604 562 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-001

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.90	pH Units		1/28/2011
Bicarbonate (HCO3)	SM 2320B	98	mg/L	1.0	2/1/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	2/1/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/1/2011
Total Alkalinity	SM 2320B	80	mg/L as CaCO3	1.0	2/1/2011
Chloride	EPA 300.0	2.3	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	4.2	mg/L	0.50	2/4/2011
Sulfate	EPA 300.0	1300	mg/L	10	2/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.12	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	2000	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	0.019	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	320	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	82	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	1.0	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	42	mg/L	0.50	2/4/2011

Customer Sample ID: 604 562 WK:0
 WETLAB Sample ID: 1101435-001

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	40	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	3.5	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.093	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.013	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/10/2011
Antimony	EPA 200.8	0.0041	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/10/2011
Lead	EPA 200.8	0.010	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.090	mg/L	0.0050	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.023	mg/L	0.010	2/8/2011
Anions	Calculation	29.0	meq/L	0.10	
Cations	Calculation	25.6	meq/L	0.10	
Error	Calculation	6.2	%	1.0	

Customer Sample ID: 604 569 WK:0
 WETLAB Sample ID: 1101435-002

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.01	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	94	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	77	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	15	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	6.1	mg/L	0.50	2/4/2011
Sulfate	EPA 300.0	200	mg/L	10	2/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.034	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	440	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.13	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011

Customer Sample ID: 604 569 WK:0
 WETLAB Sample ID: 1101435-002

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	42	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	14	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.060	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.024	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	22	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	51	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.027	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/10/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.029	mg/L	0.010	2/8/2011
Anions	Calculation	6.45	meq/L	0.10	
Cations	Calculation	6.03	meq/L	0.10	
Error	Calculation	3.3	%	1.0	

Customer Sample ID: 604 606 WK:0
 WETLAB Sample ID: 1101435-003

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.22	pH Units		1/30/2011
Bicarbonate (HCO3)	SM 2320B	130	mg/L	1.0	1/28/2011
Carbonate (CO3)	SM 2320B	1.3	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011

Customer Sample ID: 604 606 WK:0
 WETLAB Sample ID: 1101435-003

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	30	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	6.1	mg/L	0.50	2/4/2011
Sulfate	EPA 300.0	170	mg/L	10	2/4/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.032	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	460	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.32	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	46	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	7.4	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.012	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.073	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	30	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	64	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.47	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/10/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.0069	mg/L	0.0050	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.029	mg/L	0.010	2/8/2011

Customer Sample ID: 604 606 WK:0
 WETLAB Sample ID: 1101435-003

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Anions	Calculation	6.88	meq/L	0.10	
Cations	Calculation	6.46	meq/L	0.10	
Error	Calculation	3.2	%	1.0	

Customer Sample ID: 604 653 WK:0
 WETLAB Sample ID: 1101435-004

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.40	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	130	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	110	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	47	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	5.7	M mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	260	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	630	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.15	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	70	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	14	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.052	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.082	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	38	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011

Customer Sample ID: 604 653 WK:0
 WETLAB Sample ID: 1101435-004

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sodium	EPA 200.7	72	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.62	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	0.00017	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.032	mg/L	0.010	2/8/2011
Anions	Calculation	9.17	meq/L	0.10	
Cations	Calculation	8.75	meq/L	0.10	
Error	Calculation	2.3	%	1.0	

Customer Sample ID: 604 656 WK:0
 WETLAB Sample ID: 1101435-005

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.31	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	160	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	150	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	6.0	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	210	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	760	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	120	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011

Customer Sample ID: 604 656 WK:0
 WETLAB Sample ID: 1101435-005

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	20	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.021	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.21	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	19	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	55	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	1.1	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.037	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	0.00082	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.015	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.046	mg/L	0.010	2/8/2011
Anions	Calculation	11.5	meq/L	0.10	
Cations	Calculation	10.5	meq/L	0.10	
Error	Calculation	4.7	%	1.0	

Customer Sample ID: 604 673 WK:0
 WETLAB Sample ID: 1101435-006

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.50	pH Units		1/30/2011
Bicarbonate (HCO3)	SM 2320B	81	mg/L	1.0	1/28/2011
Carbonate (CO3)	SM 2320B	5.9	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	76	mg/L as CaCO3	1.0	1/28/2011
Chloride	EPA 300.0	17	mg/L	1.0	1/29/2011

Customer Sample ID: 604 673 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-006

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Fluoride	EPA 300.0	3.2	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	140	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.20	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	350	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.11	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	52	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	7.6	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.26	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	19	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	29	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.38	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.017	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	0.00032	mg/L	0.0002	2/10/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.010	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.057	mg/L	0.010	2/8/2011
Anions	Calculation	5.09	meq/L	0.10	
Cations	Calculation	4.97	meq/L	0.10	

Customer Sample ID: 604 673 WK:0
 WETLAB Sample ID: 1101435-006

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Error	Calculation	1.2	%	1.0	

Customer Sample ID: 604 767 WK:0
 WETLAB Sample ID: 1101435-007

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.95	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	87	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	71	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	44	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	4.2	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	920	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	1700	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	0.012	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.27	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	220	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	0.023	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	69	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	1.6	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Nickel	EPA 200.7	0.012	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	70	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	67	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	2.2	mg/L	0.10	2/4/2011

Customer Sample ID: 604 767 WK:0
 WETLAB Sample ID: 1101435-007

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.087	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.060	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	0.0028	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.055	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/8/2011
Anions	Calculation	22.0	meq/L	0.10	
Cations	Calculation	21.4	meq/L	0.10	
Error	Calculation	1.4	%	1.0	

Customer Sample ID: 604 787 WK:0
 WETLAB Sample ID: 1101435-008

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.06	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	86	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	71	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	14	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	2.4	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	270	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.046	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	510	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	90	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011

Customer Sample ID: 604 787 WK:0
 WETLAB Sample ID: 1101435-008

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	13	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.024	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.33	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	8.5	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	25	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.70	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.022	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	0.0030	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.016	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.12	mg/L	0.010	3/23/2011
Anions	Calculation	7.55	meq/L	0.10	
Cations	Calculation	6.87	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Customer Sample ID: 604 811 WK:0
 WETLAB Sample ID: 1101435-009

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.26	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	160	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	24	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	6.9	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	290	mg/L	10	2/5/2011

Customer Sample ID: 604 811 WK:0
 WETLAB Sample ID: 1101435-009

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.37	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	700	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	100	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	17	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	<0.025	mg/L	0.025	2/4/2011
Molybdenum	EPA 200.7	0.11	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	18	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	47	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	1.4	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.032	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	0.0033	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	0.0095	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.029	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.14	mg/L	0.010	3/23/2011
Anions	Calculation	9.70	meq/L	0.10	
Cations	Calculation	8.89	meq/L	0.10	
Error	Calculation	4.3	%	1.0	

Customer Sample ID: 604 854 WK:0
 WETLAB Sample ID: 1101435-010

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.11	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	110	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	91	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	41	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	4.6	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	380	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	800	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.25	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	110	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	0.14	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	25	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.13	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.13	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	72	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	48	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	1.7	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.054	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.013	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	0.0036	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	0.0067	mg/L	0.0050	2/8/2011

Customer Sample ID: 604 854 WK:0
 WETLAB Sample ID: 1101435-010

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.024	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.029	mg/L	0.010	2/8/2011
Anions	Calculation	11.1	meq/L	0.10	
Cations	Calculation	11.5	meq/L	0.10	
Error	Calculation	1.6	%	1.0	

Customer Sample ID: 604 862 WK:0
 WETLAB Sample ID: 1101435-011

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.14	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	150	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	18	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	4.4	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	370	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	770	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.11	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	110	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	22	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.0088	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.11	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011

Customer Sample ID: 604 862 WK:0
 WETLAB Sample ID: 1101435-011

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	23	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	53	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	2.5	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.042	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.029	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.017	mg/L	0.010	2/8/2011
Anions	Calculation	10.9	meq/L	0.10	
Cations	Calculation	10.2	meq/L	0.10	
Error	Calculation	3.4	%	1.0	

Customer Sample ID: 604 867 WK:0
 WETLAB Sample ID: 1101435-012

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.05	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	140	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	120	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	8.4	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	4.2	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	900	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	1600	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.22	mg/L	0.22	2/4/2011
Barium	EPA 200.7	0.024	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011

Customer Sample ID: 604 867 WK:0
 WETLAB Sample ID: 1101435-012

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Boron	EPA 200.7	0.11	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	260	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	0.074	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	0.12	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	56	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.48	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.059	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	69	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	28	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	5.6	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.073	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.024	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.060	mg/L	0.010	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/8/2011
Anions	Calculation	21.5	meq/L	0.10	
Cations	Calculation	20.6	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Customer Sample ID: 605 033 WK:0
 WETLAB Sample ID: 1101435-013

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.16	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	1/28/2011

Customer Sample ID: 605 033 WK:0
 WETLAB Sample ID: 1101435-013

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	96	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	23	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	5.7	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	230	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	540	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	65	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	9.8	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.016	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.10	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	30	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	46	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.69	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.021	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	2/10/2011

Customer Sample ID: 605 033 WK:0
 WETLAB Sample ID: 1101435-013

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.019	mg/L	0.010	2/8/2011
Anions	Calculation	7.70	meq/L	0.10	
Cations	Calculation	6.82	meq/L	0.10	
Error	Calculation	6.1	%	1.0	

Customer Sample ID: 605 153 WK:0
 WETLAB Sample ID: 1101435-014

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.91	pH Units		1/30/2011
Bicarbonate (HCO3)	SM 2320B	59	mg/L	1.0	1/28/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	48	mg/L as CaCO3	1.0	1/28/2011
Chloride	EPA 300.0	4.3	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	3.7	mg/L	1.0	2/5/2011
Sulfate	EPA 300.0	200	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.18	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	380	mg/L	10	2/2/2011
Aluminum	EPA 200.7	0.048	mg/L	0.045	2/4/2011
Barium	EPA 200.7	0.034	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.14	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	42	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	9.4	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.048	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.020	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	16	mg/L	0.50	2/4/2011

Customer Sample ID: 605 153 WK:0
 WETLAB Sample ID: 1101435-014

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	39	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	3.0	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.033	mg/L	0.010	2/8/2011
Anions	Calculation	5.45	meq/L	0.10	
Cations	Calculation	4.98	meq/L	0.10	
Error	Calculation	4.5	%	1.0	

Customer Sample ID: SRK 0854 WK:0
 WETLAB Sample ID: 1101435-015

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	4.38	pH Units		1/28/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/4/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	2/4/2011
Chloride	EPA 300.0	<10	mg/L	10	1/29/2011
Fluoride	EPA 300.0	5.5	mg/L	1.0	2/5/2011
Sulfate	EPA 300.0	2200	mg/L	100	2/9/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.25	mg/L	0.25	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	3300	mg/L	10	2/2/2011
Aluminum	EPA 200.7	20	mg/L	0.22	2/4/2011
Barium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Beryllium	EPA 200.7	0.010	mg/L	0.0050	2/4/2011
Bismuth	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Boron	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Cadmium	EPA 200.7	0.073	mg/L	0.0050	2/4/2011

Customer Sample ID: SRK 0854 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-015

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Calcium	EPA 200.7	180	mg/L	2.5	2/4/2011
Chromium	EPA 200.7	<0.025	mg/L	0.025	2/4/2011
Cobalt	EPA 200.7	0.50	mg/L	0.050	2/4/2011
Copper	EPA 200.7	830	mg/L	1.2	2/7/2011
Gallium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Iron	EPA 200.7	44	mg/L	0.050	2/4/2011
Lithium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Magnesium	EPA 200.7	34	mg/L	2.5	2/4/2011
Manganese	EPA 200.7	7.1	mg/L	0.025	2/4/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Nickel	EPA 200.7	0.20	mg/L	0.050	2/4/2011
Phosphorus	EPA 200.7	<2.5	mg/L	2.5	2/4/2011
Potassium	EPA 200.7	30	mg/L	2.5	2/4/2011
Scandium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Silver	EPA 200.7	<0.025	mg/L	0.025	2/4/2011
Sodium	EPA 200.7	15	mg/L	2.5	2/4/2011
Strontium	EPA 200.7	0.89	mg/L	0.50	2/4/2011
Tin	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Titanium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Zinc	EPA 200.7	6.3	mg/L	0.050	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	0.0080	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	0.0071	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.055	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.18	mg/L	0.010	3/23/2011
Anions	Calculation	46.3	meq/L	0.10	
Cations	Calculation	44.4	meq/L	0.10	
Error	Calculation	2.2	%	1.0	

Customer Sample ID: SRK 0858 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-016

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	3.83	pH Units		1/30/2011
Acidity (Titrimetric)	SM 2310B	180	mg/L as CaCO ₃		1/28/2011
Chloride	EPA 300.0	5.6	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	6.9	mg/L	1.0	2/5/2011

Customer Sample ID: SRK 0858 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-016

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Sulfate	EPA 300.0	560	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	710	mg/L	10	2/2/2011
Aluminum	EPA 200.7	14	mg/L	0.22	2/4/2011
Barium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Beryllium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Bismuth	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Boron	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Cadmium	EPA 200.7	<0.025	mg/L	0.025	2/7/2011
Calcium	EPA 200.7	90	mg/L	2.5	2/4/2011
Chromium	EPA 200.7	<0.12	mg/L	0.12	2/7/2011
Cobalt	EPA 200.7	0.060	mg/L	0.050	2/4/2011
Copper	EPA 200.7	28	mg/L	0.25	2/4/2011
Gallium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Iron	EPA 200.7	18	mg/L	0.050	2/4/2011
Lithium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Magnesium	EPA 200.7	7.0	mg/L	2.5	2/4/2011
Manganese	EPA 200.7	1.2	mg/L	0.025	2/4/2011
Molybdenum	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Nickel	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Phosphorus	EPA 200.7	<2.5	mg/L	2.5	2/4/2011
Potassium	EPA 200.7	12	mg/L	2.5	2/4/2011
Scandium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Silver	EPA 200.7	<0.025	mg/L	0.025	2/4/2011
Sodium	EPA 200.7	9.1	mg/L	2.5	2/4/2011
Strontium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Tin	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Titanium	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Zinc	EPA 200.7	0.28	mg/L	0.050	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	0.0055	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.010	mg/L	0.010	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.060	mg/L	0.010	2/8/2011
Anions	Calculation	12.2	meq/L	0.10	
Cations	Calculation	11.1	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Customer Sample ID: SRK 0858 WK:0
 WETLAB Sample ID: 1101435-016

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
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Customer Sample ID: SRK 0864 WK:0
 WETLAB Sample ID: 1101435-017

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.45	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	40	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	33	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	4.9	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	1.4	mg/L	1.0	2/5/2011
Sulfate	EPA 300.0	250	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	4.7	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.090	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	390	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	0.014	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	64	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	10	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.057	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	0.029	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	4.1	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	17	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.27	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011

Customer Sample ID: SRK 0864 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-017

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.020	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.0054	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/8/2011
Anions	Calculation	6.41	meq/L	0.10	
Cations	Calculation	4.86	meq/L	0.10	
Error	Calculation	14	%	1.0	

Customer Sample ID: SRK 0866 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-018

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.47	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	29	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	24	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	5.2	mg/L	1.0	1/29/2011
Fluoride	EPA 300.0	0.55	mg/L	0.50	2/5/2011
Sulfate	EPA 300.0	110	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	3.6	mg/L	1.0	1/29/2011
Nitrite Nitrogen	EPA 300.0	0.026	mg/L	0.025	1/29/2011
Total Dissolved Solids (TDS)	SM 2540C	220	mg/L	10	2/2/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	38	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011

Customer Sample ID: SRK 0866 WK:0
 WETLAB Sample ID: 1101435-018

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Iron	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	4.8	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	0.085	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	4.0	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	6.3	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.36	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	<0.010	mg/L	0.010	2/8/2011
Anions	Calculation	3.20	meq/L	0.10	
Cations	Calculation	2.67	meq/L	0.10	
Error	Calculation	9.0	%	1.0	

Customer Sample ID: SRK 0867 WK:0
 WETLAB Sample ID: 1101435-019

Collect Date/Time: 1/28/2011 09:00
 Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	5.30	pH Units		1/30/2011
Bicarbonate (HCO3)	SM 2320B	2.0	mg/L	1.0	1/28/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	1.6	mg/L as CaCO3	1.0	1/28/2011
Chloride	EPA 300.0	4.3	mg/L	1.0	1/30/2011
Fluoride	EPA 300.0	3.6	mg/L	1.0	2/5/2011
Sulfate	EPA 300.0	610	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/30/2011

Customer Sample ID: SRK 0867 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-019

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/30/2011
Total Dissolved Solids (TDS)	SM 2540C	840	mg/L	10	2/2/2011
Aluminum	EPA 200.7	2.3	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	0.0024	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	0.16	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	0.015	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	130	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	0.12	mg/L	0.010	2/4/2011
Copper	EPA 200.7	30	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	3.4	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	0.42	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	13	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	4.7	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	0.24	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	8.2	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	7.2	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.34	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.019	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.58	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.011	mg/L	0.0050	2/10/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.013	mg/L	0.010	2/8/2011
Anions	Calculation	13.0	meq/L	0.10	
Cations	Calculation	9.65	meq/L	0.10	
Error	Calculation	15	%	1.0	

Customer Sample ID: SRK 0872 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-020

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+B	4.93	pH Units		1/30/2011
Bicarbonate (HCO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/28/2011
Total Alkalinity	SM 2320B	<1.0	mg/L as CaCO ₃	1.0	1/28/2011
Chloride	EPA 300.0	4.2	mg/L	1.0	1/30/2011
Fluoride	EPA 300.0	3.3	mg/L	1.0	2/5/2011
Sulfate	EPA 300.0	910	mg/L	10	2/5/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/30/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/30/2011
Total Dissolved Solids (TDS)	SM 2540C	1300	mg/L	10	2/2/2011
Aluminum	EPA 200.7	4.9	mg/L	0.045	2/4/2011
Barium	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Beryllium	EPA 200.7	0.0033	mg/L	0.0010	2/4/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Cadmium	EPA 200.7	0.013	mg/L	0.0010	2/4/2011
Calcium	EPA 200.7	250	mg/L	0.50	2/4/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Cobalt	EPA 200.7	0.091	mg/L	0.010	2/4/2011
Copper	EPA 200.7	6.2	mg/L	0.050	2/4/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Iron	EPA 200.7	6.1	mg/L	0.010	2/4/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Magnesium	EPA 200.7	11	mg/L	0.50	2/4/2011
Manganese	EPA 200.7	3.4	mg/L	0.0050	2/4/2011
Molybdenum	EPA 200.7	<0.010	mg/L	0.010	2/4/2011
Nickel	EPA 200.7	0.020	mg/L	0.010	2/4/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/4/2011
Potassium	EPA 200.7	7.8	mg/L	0.50	2/4/2011
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/4/2011
Sodium	EPA 200.7	6.2	mg/L	0.50	2/4/2011
Strontium	EPA 200.7	0.39	mg/L	0.10	2/4/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/4/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	2/4/2011
Zinc	EPA 200.7	0.82	mg/L	0.010	2/4/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/8/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/10/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/8/2011

Customer Sample ID: SRK 0872 WK:0

Collect Date/Time: 1/28/2011 09:00

WETLAB Sample ID: 1101435-020

Receive Date: 1/28/2011 16:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/8/2011
Selenium	EPA 200.8	0.0089	mg/L	0.0050	2/8/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/8/2011
Uranium	EPA 200.8	0.055	mg/L	0.010	2/8/2011
Anions	Calculation	19.2	meq/L	0.10	
Cations	Calculation	15.1	meq/L	0.10	
Error	Calculation	12	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102082	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102082	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102082	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC1102086	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC1102086	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC1102087	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102087	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102087	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102088	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102088	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC1102089	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102089	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102089	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102090	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102090	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC1102117	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102117	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC1102162	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1102163	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102164	Blank 1	Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC1102173	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102173	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC1102173	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102175	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102175	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102175	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102182	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC1102182	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units
QC1102182	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC1102186	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102186	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC1102186	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC1102218	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1102233		Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC1102234	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
QC1102243	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC1102243	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1101795	LCS 1	pH	SM 4500-H+ B	6.98	7.00	100	pH Units
QC1101801	LCS 1	Alkalinity	SM 2320B	94.4	100	94	mg/L
QC1101801	LCS 2	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC1101811	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC1101811	LCS 2	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC1101811	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC1102028	LCS 1	Alkalinity	SM 2320B	94.0	100	94	mg/L
QC1102082	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC1102086	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC1102087	LCS 1	Nitrite Nitrogen	EPA 300.0	0.523	0.500	105	mg/L
QC1102088	LCS 1	Nitrite Nitrogen	EPA 300.0	0.523	0.500	105	mg/L
QC1102089	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC1102090	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC1102117	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L
QC1102117	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L
QC1102147	LCS 1	Alkalinity	SM 2320B	100	100	100	mg/L
QC1102162	LCS 1	Aluminum	EPA 200.7	0.938	1.00	94	mg/L
		Barium	EPA 200.7	0.913	1.00	91	mg/L
		Beryllium	EPA 200.7	0.902	1.00	90	mg/L
		Bismuth	EPA 200.7	0.950	1.00	95	mg/L
		Boron	EPA 200.7	0.878	1.00	88	mg/L
		Cadmium	EPA 200.7	0.899	1.00	90	mg/L
		Calcium	EPA 200.7	9.08	10.0	91	mg/L
		Chromium	EPA 200.7	0.911	1.00	91	mg/L
		Cobalt	EPA 200.7	0.913	1.00	91	mg/L
		Copper	EPA 200.7	4.55	5.00	91	mg/L
		Gallium	EPA 200.7	0.928	1.00	93	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC1102163	LCS 1	Iron	EPA 200.7	0.941	1.00	94	mg/L
		Lithium	EPA 200.7	0.948	1.00	95	mg/L
		Magnesium	EPA 200.7	9.21	10.0	92	mg/L
		Manganese	EPA 200.7	0.891	1.00	89	mg/L
		Molybdenum	EPA 200.7	0.948	1.00	95	mg/L
		Nickel	EPA 200.7	4.53	5.00	91	mg/L
		Phosphorus	EPA 200.7	4.58	5.00	92	mg/L
		Potassium	EPA 200.7	9.40	10.0	94	mg/L
		Scandium	EPA 200.7	0.921	1.00	92	mg/L
		Silver	EPA 200.7	0.082	0.090	91	mg/L
		Sodium	EPA 200.7	9.56	10.0	96	mg/L
		Strontium	EPA 200.7	0.963	1.00	96	mg/L
		Tin	EPA 200.7	0.922	1.00	92	mg/L
		Titanium	EPA 200.7	0.978	1.00	98	mg/L
		Vanadium	EPA 200.7	0.904	1.00	90	mg/L
		Zinc	EPA 200.7	0.924	1.00	92	mg/L
		Aluminum	EPA 200.7	0.938	1.00	94	mg/L
		Barium	EPA 200.7	0.913	1.00	91	mg/L
		Beryllium	EPA 200.7	0.902	1.00	90	mg/L
		Bismuth	EPA 200.7	0.950	1.00	95	mg/L
		Boron	EPA 200.7	0.878	1.00	88	mg/L
		Cadmium	EPA 200.7	0.899	1.00	90	mg/L
		Calcium	EPA 200.7	9.08	10.0	91	mg/L
		Chromium	EPA 200.7	0.911	1.00	91	mg/L
		Cobalt	EPA 200.7	0.913	1.00	91	mg/L
		Copper	EPA 200.7	4.55	5.00	91	mg/L
		Gallium	EPA 200.7	0.928	1.00	93	mg/L
		Iron	EPA 200.7	0.941	1.00	94	mg/L
		Lithium	EPA 200.7	0.948	1.00	95	mg/L
		Magnesium	EPA 200.7	9.21	10.0	92	mg/L
		Manganese	EPA 200.7	0.891	1.00	89	mg/L
		Molybdenum	EPA 200.7	0.948	1.00	95	mg/L
		Nickel	EPA 200.7	4.53	5.00	91	mg/L
		Phosphorus	EPA 200.7	4.58	5.00	92	mg/L
		Potassium	EPA 200.7	9.40	10.0	94	mg/L
		Scandium	EPA 200.7	0.921	1.00	92	mg/L
		Silver	EPA 200.7	0.082	0.090	91	mg/L
		Sodium	EPA 200.7	9.56	10.0	96	mg/L
		Strontium	EPA 200.7	0.963	1.00	96	mg/L
		Tin	EPA 200.7	0.922	1.00	92	mg/L
		Titanium	EPA 200.7	0.978	1.00	98	mg/L
		Vanadium	EPA 200.7	0.904	1.00	90	mg/L
		Zinc	EPA 200.7	0.924	1.00	92	mg/L
QC1102164	LCS 1	Aluminum	EPA 200.7	0.907	1.00	91	mg/L
		Barium	EPA 200.7	0.887	1.00	89	mg/L
		Beryllium	EPA 200.7	0.922	1.00	92	mg/L
		Bismuth	EPA 200.7	0.907	1.00	91	mg/L
		Boron	EPA 200.7	0.861	1.00	86	mg/L
		Cadmium	EPA 200.7	0.904	1.00	90	mg/L
		Calcium	EPA 200.7	9.36	10.0	94	mg/L
		Chromium	EPA 200.7	0.891	1.00	89	mg/L
		Cobalt	EPA 200.7	0.882	1.00	88	mg/L
		Copper	EPA 200.7	4.37	5.00	87	mg/L
		Gallium	EPA 200.7	0.902	1.00	90	mg/L
		Iron	EPA 200.7	0.908	1.00	91	mg/L
		Lithium	EPA 200.7	0.916	1.00	92	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
		Magnesium	EPA 200.7	9.13	10.0	91	mg/L
		Manganese	EPA 200.7	0.912	1.00	91	mg/L
		Molybdenum	EPA 200.7	0.891	1.00	89	mg/L
		Nickel	EPA 200.7	4.48	5.00	90	mg/L
		Phosphorus	EPA 200.7	4.41	5.00	88	mg/L
		Potassium	EPA 200.7	9.12	10.0	91	mg/L
		Scandium	EPA 200.7	0.888	1.00	89	mg/L
		Silver	EPA 200.7	0.079	0.090	88	mg/L
		Sodium	EPA 200.7	9.18	10.0	92	mg/L
		Strontium	EPA 200.7	0.920	1.00	92	mg/L
		Tin	EPA 200.7	0.899	1.00	90	mg/L
		Titanium	EPA 200.7	0.946	1.00	95	mg/L
		Vanadium	EPA 200.7	0.894	1.00	89	mg/L
		Zinc	EPA 200.7	0.893	1.00	89	mg/L
QC1102173	LCS 1	Fluoride	EPA 300.0	1.92	2.00	96	mg/L
QC1102175	LCS 1	Sulfate	EPA 300.0	25.4	25.0	102	mg/L
QC1102182	LCS 1	Fluoride	EPA 300.0	1.92	2.00	96	mg/L
QC1102186	LCS 1	Sulfate	EPA 300.0	25.4	25.0	102	mg/L
QC1102218	LCS 1	Mercury	EPA 200.8	0.001044	0.001	104	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0563	0.050	113	mg/L
		Lead	EPA 200.8	0.0112	0.010	112	mg/L
		Selenium	EPA 200.8	0.0534	0.050	107	mg/L
		Thallium	EPA 200.8	0.0112	0.010	112	mg/L
		Uranium	EPA 200.8	0.0115	0.010	115	mg/L
QC1102233	LCS 1	Mercury	EPA 200.8	0.001044	0.001	104	mg/L
		Antimony	EPA 200.8	0.0113	0.010	113	mg/L
		Arsenic	EPA 200.8	0.0563	0.050	113	mg/L
		Lead	EPA 200.8	0.0112	0.010	112	mg/L
		Selenium	EPA 200.8	0.0534	0.050	107	mg/L
		Thallium	EPA 200.8	0.0112	0.010	112	mg/L
		Uranium	EPA 200.8	0.0115	0.010	115	mg/L
QC1102234	LCS 1	Mercury	EPA 200.8	0.001137	0.001	114	mg/L
		Antimony	EPA 200.8	0.0107	0.010	107	mg/L
		Arsenic	EPA 200.8	0.0518	0.050	104	mg/L
		Lead	EPA 200.8	0.0114	0.010	114	mg/L
		Selenium	EPA 200.8	0.0462	0.050	92	mg/L
		Thallium	EPA 200.8	0.0115	0.010	115	mg/L
		Uranium	EPA 200.8	0.0111	0.010	111	mg/L
QC1102243	LCS 1	Sulfate	EPA 300.0	5.49	5.00	110	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC1101795	Duplicate 1	pH	SM 4500-H+ B	1101435-001	7.90	7.92	pH Units	<1%
QC1101801	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1101414-001	38.0	37.9	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1101414-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1101414-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1101414-001	31.1	31.0	mg/L as CaCO3	<1%
QC1101801	Duplicate 2	Bicarbonate (HCO3)	SM 2320B	1101417-001	<1.000	<1.000	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1101417-001	97.6	95.8	mg/L	2 %
		Hydroxide (OH)	SM 2320B	1101417-001	25.0	27.1	mg/L	8 %
		Total Alkalinity	SM 2320B	1101417-001	236	239	mg/L as CaCO3	1 %
QC1101801	Duplicate 3	Bicarbonate (HCO3)	SM 2320B	1101421-001	252	252	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1101421-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1101421-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1101421-001	207	207	mg/L as CaCO3	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC1101801	Duplicate 4	Bicarbonate (HCO3)	SM 2320B	1101428-001	73.3	72.2	mg/L	1 %				
		Carbonate (CO3)	SM 2320B	1101428-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1101428-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1101428-001	60.1	59.2	mg/L as CaCO3	1 %				
QC1101811	Duplicate 1	pH	SM 4500-H+ B	1101425-001	7.50	7.26	pH Units	<1%				
QC1101811	Duplicate 2	pH	SM 4500-H+ B	1101414-001	7.43	7.48	pH Units	1 %				
QC1101811	Duplicate 3	pH	SM 4500-H+ B	1101417-001	10.0	10.1	pH Units	1 %				
QC1101811	Duplicate 4	pH	SM 4500-H+ B	1101428-001	7.83	7.90	pH Units	1 %				
QC1101811	Duplicate 5	pH	SM 4500-H+ B	1101421-001	7.38	7.39	pH Units	<1%				
QC1102028	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1101360-002	29.0	141	mg/L	4 %				
		Carbonate (CO3)	SM 2320B	1101360-002	<1.000	14.4	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1101360-002	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1101360-002	24.0	140	mg/L as CaCO3	3 %				
QC1102117	Duplicate 1	Total Dissolved Solids (TDS)	SM 2540C	1101434-001	108	104	mg/L	4 %				
QC1102117	Duplicate 2	Total Dissolved Solids (TDS)	SM 2540C	1101435-007	1732	1718	mg/L	1 %				
QC1102117	Duplicate 3	Total Dissolved Solids (TDS)	SM 2540C	1101435-015	3320	3324	mg/L	<1%				
QC1102147	Duplicate 1	Bicarbonate (HCO3)	SM 2320B	1101360-003	58.5	156	mg/L	10 %				
		Carbonate (CO3)	SM 2320B	1101360-003	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1101360-003	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1101360-003	48.0	128	mg/L as CaCO3	10 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102082	MS 1	Chloride	EPA 300.0	1101434-001	<1.000	5.30	5.45	5.00	mg/L	106	109	3 %
QC1102082	MS 2	Chloride	EPA 300.0	1101435-009	24.1	29.0	29.1	5.00	mg/L	98	99	<1%
QC1102086	MS 1	Chloride	EPA 300.0	1101435-019	4.35	9.53	9.56	5.00	mg/L	104	104	<1%
QC1102087	MS 1	Nitrite Nitrogen	EPA 300.0	1101434-001	<0.025	0.547	0.564	0.500	mg/L	108	112	3 %
QC1102087	MS 2	Nitrite Nitrogen	EPA 300.0	1101435-009	0.371	0.941	0.964	0.500	mg/L	114	119	2 %
QC1102088	MS 1	Nitrite Nitrogen	EPA 300.0	1101435-019	<0.025	0.525	0.528	0.500	mg/L	105	106	1 %
QC1102089	MS 1	Nitrate Nitrogen	EPA 300.0	1101434-001	<1.000	2.08	2.14	2.00	mg/L	103	106	3 %
QC1102089	MS 2	Nitrate Nitrogen	EPA 300.0	1101435-009	<1.000	2.52	2.51	2.00	mg/L	115	115	<1%
QC1102090	MS 1	Nitrate Nitrogen	EPA 300.0	1101435-019	<1.000	2.37	2.38	2.00	mg/L	112	112	<1%
QC1102162	MS 1	Aluminum	EPA 200.7	1101417-002	0.254	1.20	1.18	1.00	mg/L	95	93	2 %
		Barium	EPA 200.7	1101417-002	0.066	0.992	0.982	1.00	mg/L	93	92	1 %
		Beryllium	EPA 200.7	1101417-002	<0.001	0.919	0.908	1.00	mg/L	92	91	1 %
		Bismuth	EPA 200.7	1101417-002	<0.100	0.935	0.916	1.00	mg/L	96	94	2 %
		Boron	EPA 200.7	1101417-002	<0.100	0.848	0.856	1.00	mg/L	96	97	1 %
		Cadmium	EPA 200.7	1101417-002	0.008	0.895	0.893	1.00	mg/L	89	88	<1%
		Calcium	EPA 200.7	1101417-002	745	SC 785	762	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1101417-002	0.013	0.946	0.946	1.00	mg/L	93	93	<1%
		Cobalt	EPA 200.7	1101417-002	0.058	0.955	0.946	1.00	mg/L	90	89	1 %
		Copper	EPA 200.7	1101417-002	0.105	5.05	4.96	5.00	mg/L	99	97	2 %
		Gallium	EPA 200.7	1101417-002	<0.100	0.923	0.906	1.00	mg/L	92	90	2 %
		Iron	EPA 200.7	1101417-002	0.052	0.954	0.958	1.00	mg/L	90	91	<1%
		Lithium	EPA 200.7	1101417-002	<0.100	0.970	0.950	1.00	mg/L	93	91	2 %
		Magnesium	EPA 200.7	1101417-002	4.01	12.4	12.6	10.0	mg/L	84	86	2 %
		Manganese	EPA 200.7	1101417-002	<0.005	0.812	0.800	1.00	mg/L	91	90	1 %
		Molybdenum	EPA 200.7	1101417-002	0.250	1.19	1.15	1.00	mg/L	94	90	3 %
		Nickel	EPA 200.7	1101417-002	0.013	4.49	4.47	5.00	mg/L	90	89	<1%
		Phosphorus	EPA 200.7	1101417-002	<0.500	4.74	4.65	5.00	mg/L	98	97	2 %
		Potassium	EPA 200.7	1101417-002	56.7	67.1	65.5	10.0	mg/L	104	88	2 %
		Scandium	EPA 200.7	1101417-002	<0.100	0.951	0.930	1.00	mg/L	95	93	2 %
		Silver	EPA 200.7	1101417-002	0.006	0.095	0.093	0.090	mg/L	99	97	2 %
		Sodium	EPA 200.7	1101417-002	191	201	196	10.0	mg/L	100	50	3 %
		Strontium	EPA 200.7	1101417-002	2.34	3.28	3.20	1.00	mg/L	94	86	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102163	MS 1	Tin	EPA 200.7	1101417-002	<0.100	0.820	0.802	1.00	mg/L	93	91	2 %
		Titanium	EPA 200.7	1101417-002	<0.100	0.966	0.974	1.00	mg/L	97	98	1 %
		Vanadium	EPA 200.7	1101417-002	0.037	1.01	0.993	1.00	mg/L	97	96	2 %
		Zinc	EPA 200.7	1101417-002	0.190	1.07	1.06	1.00	mg/L	88	87	1 %
		Aluminum	EPA 200.7	1102013-001	<0.045	0.913	0.952	1.00	mg/L	89	93	4 %
		Barium	EPA 200.7	1102013-001	<0.010	0.890	0.933	1.00	mg/L	89	93	5 %
		Beryllium	EPA 200.7	1102013-001	<0.001	0.928	0.958	1.00	mg/L	93	96	3 %
		Bismuth	EPA 200.7	1102013-001	<0.100	0.900	0.941	1.00	mg/L	89	93	4 %
		Boron	EPA 200.7	1102013-001	<0.100	0.869	0.921	1.00	mg/L	87	92	6 %
		Cadmium	EPA 200.7	1102013-001	<0.001	0.899	0.938	1.00	mg/L	90	94	4 %
		Calcium	EPA 200.7	1102013-001	5.47	14.5	15.0	10.0	mg/L	90	95	3 %
		Chromium	EPA 200.7	1102013-001	<0.005	0.888	0.925	1.00	mg/L	89	93	4 %
		Cobalt	EPA 200.7	1102013-001	<0.010	0.880	0.920	1.00	mg/L	88	92	4 %
		Copper	EPA 200.7	1102013-001	<0.050	4.40	4.60	5.00	mg/L	88	92	4 %
		Gallium	EPA 200.7	1102013-001	<0.100	0.890	0.931	1.00	mg/L	89	93	5 %
		Iron	EPA 200.7	1102013-001	<0.010	0.941	0.958	1.00	mg/L	94	95	2 %
		Lithium	EPA 200.7	1102013-001	<0.100	0.920	0.945	1.00	mg/L	91	94	3 %
		Magnesium	EPA 200.7	1102013-001	1.58	10.8	10.9	10.0	mg/L	92	93	1 %
		Manganese	EPA 200.7	1102013-001	<0.005	0.903	0.946	1.00	mg/L	90	95	5 %
		Molybdenum	EPA 200.7	1102013-001	<0.010	0.908	0.962	1.00	mg/L	91	96	6 %
		Nickel	EPA 200.7	1102013-001	<0.010	4.44	4.64	5.00	mg/L	89	93	4 %
		Phosphorus	EPA 200.7	1102013-001	<0.500	4.40	4.64	5.00	mg/L	87	92	5 %
QC1102164	MS 1	Potassium	EPA 200.7	1102013-001	<2.50	10.3	10.4	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1102013-001	<0.100	0.892	0.929	1.00	mg/L	89	93	4 %
		Silver	EPA 200.7	1102013-001	<0.005	0.079	0.083	0.090	mg/L	88	93	5 %
		Sodium	EPA 200.7	1102013-001	2.91	12.2	12.2	10.0	mg/L	93	93	<1%
		Strontium	EPA 200.7	1102013-001	<0.100	1.01	1.02	1.00	mg/L	93	94	1 %
		Tin	EPA 200.7	1102013-001	<0.100	0.907	0.963	1.00	mg/L	93	99	6 %
		Titanium	EPA 200.7	1102013-001	<0.100	0.962	0.981	1.00	mg/L	96	98	2 %
		Vanadium	EPA 200.7	1102013-001	<0.010	0.891	0.935	1.00	mg/L	89	93	5 %
		Zinc	EPA 200.7	1102013-001	<0.010	0.896	0.943	1.00	mg/L	89	94	5 %
		Aluminum	EPA 200.7	1102013-002	0.045	0.933	0.943	1.00	mg/L	89	90	1 %
		Barium	EPA 200.7	1102013-002	0.035	0.910	0.930	1.00	mg/L	88	90	2 %
		Beryllium	EPA 200.7	1102013-002	<0.001	0.918	0.930	1.00	mg/L	92	93	1 %
		Bismuth	EPA 200.7	1102013-002	<0.100	0.872	0.908	1.00	mg/L	86	90	4 %
		Boron	EPA 200.7	1102013-002	<0.100	0.886	0.907	1.00	mg/L	87	90	2 %
		Cadmium	EPA 200.7	1102013-002	<0.001	0.878	0.907	1.00	mg/L	88	91	3 %
		Calcium	EPA 200.7	1102013-002	9.84	19.5	19.4	10.0	mg/L	97	96	1 %
		Chromium	EPA 200.7	1102013-002	<0.005	0.884	0.895	1.00	mg/L	88	90	1 %
		Cobalt	EPA 200.7	1102013-002	<0.010	0.859	0.883	1.00	mg/L	86	88	3 %
		Copper	EPA 200.7	1102013-002	<0.050	4.43	4.47	5.00	mg/L	89	89	1 %
		Gallium	EPA 200.7	1102013-002	<0.100	0.889	0.889	1.00	mg/L	89	89	<1%
		Iron	EPA 200.7	1102013-002	1.19	2.10	2.10	1.00	mg/L	91	91	<1%
		Lithium	EPA 200.7	1102013-002	<0.100	0.898	0.908	1.00	mg/L	89	90	1 %
		Magnesium	EPA 200.7	1102013-002	4.98	13.7	13.9	10.0	mg/L	87	89	1 %
		Manganese	EPA 200.7	1102013-002	0.283	1.20	1.21	1.00	mg/L	92	93	1 %
		Molybdenum	EPA 200.7	1102013-002	<0.010	0.868	0.917	1.00	mg/L	87	92	5 %
		Nickel	EPA 200.7	1102013-002	<0.010	4.35	4.48	5.00	mg/L	87	90	3 %
		Phosphorus	EPA 200.7	1102013-002	<0.500	4.42	4.61	5.00	mg/L	84	88	4 %
		Potassium	EPA 200.7	1102013-002	4.31	13.5	13.5	10.0	mg/L	92	92	<1%
		Scandium	EPA 200.7	1102013-002	<0.100	0.881	0.888	1.00	mg/L	88	89	1 %
		Silver	EPA 200.7	1102013-002	<0.005	0.079	0.081	0.090	mg/L	88	90	3 %
		Sodium	EPA 200.7	1102013-002	6.96	16.2	16.2	10.0	mg/L	92	92	<1%
		Strontium	EPA 200.7	1102013-002	<0.100	0.998	1.00	1.00	mg/L	91	91	<1%
		Tin	EPA 200.7	1102013-002	<0.100	0.848	0.902	1.00	mg/L	89	94	6 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC1102173	MS 1	Titanium	EPA 200.7	1102013-002	<0.100	0.936	0.950	1.00	mg/L	94	95	1 %
		Vanadium	EPA 200.7	1102013-002	<0.010	0.904	0.913	1.00	mg/L	90	91	1 %
		Zinc	EPA 200.7	1102013-002	<0.010	0.869	0.898	1.00	mg/L	87	90	3 %
	MS 2	Fluoride	EPA 300.0	1102023-001	<0.250	8.86	8.56	2.00	mg/L	87	84	3 %
		Fluoride	EPA 300.0	1101435-004	5.71	M 21.4	21.9	2.00	mg/L	NC	NC	NC
	MS 1	Sulfate	EPA 300.0	1102023-001	205	253	255	10.0	mg/L	98	101	1 %
		Sulfate	EPA 300.0	1101435-004	256	356	357	10.0	mg/L	100	101	<1%
	MS 1	Fluoride	EPA 300.0	1102063-013	2.63	M 3.97	3.97	2.00	mg/L	NC	NC	NC
		Fluoride	EPA 300.0	1101435-014	3.65	21.9	20.9	2.00	mg/L	91	86	5 %
	MS 2	Sulfate	EPA 300.0	1102063-013	40.4	49.8	49.8	10.0	mg/L	94	95	<1%
		Sulfate	EPA 300.0	1101435-014	202	308	306	10.0	mg/L	105	104	1 %
QC1102218	MS 1	Mercury	EPA 200.8	1101417-002	0.170700	SC 0.171515	0.158195	0.001	mg/L	NC	NC	NC
		Antimony	EPA 200.8	1101417-002	0.0222	0.0329	0.0329	0.010	mg/L	107	108	<1%
		Arsenic	EPA 200.8	1101417-002	2.4907	SC 2.4786	2.3841	0.050	mg/L	NC	NC	NC
		Lead	EPA 200.8	1101417-002	<0.0025	0.0100	0.0100	0.010	mg/L	100	100	<1%
		Selenium	EPA 200.8	1101417-002	0.0485	0.1131	0.1155	0.050	mg/L	129	134	2 %
		Thallium	EPA 200.8	1101417-002	0.0533	0.0604	0.0611	0.010	mg/L	71	78	1 %
		Uranium	EPA 200.8	1101417-002	<0.0100	0.0108	0.0108	0.010	mg/L	106	NC	NC
		Mercury	EPA 200.8	1102013-001	<0.000100	0.001271	0.001240	0.001	mg/L	127	124	2 %
		Antimony	EPA 200.8	1102013-001	<0.0025	0.0111	0.0116	0.010	mg/L	111	116	4 %
		Arsenic	EPA 200.8	1102013-001	<0.0050	0.0544	0.0565	0.050	mg/L	108	112	4 %
QC1102233	MS 1	Lead	EPA 200.8	1102013-001	<0.0025	0.0109	0.0110	0.010	mg/L	109	110	1 %
		Selenium	EPA 200.8	1102013-001	<0.0050	0.0503	0.0495	0.050	mg/L	100	98	2 %
		Thallium	EPA 200.8	1102013-001	<0.0010	0.0111	0.0112	0.010	mg/L	111	112	1 %
		Uranium	EPA 200.8	1102013-001	<0.0100	0.0105	0.0106	0.010	mg/L	105	106	1 %
		Mercury	EPA 200.8	1102013-002	<0.000100	0.001080	0.001078	0.001	mg/L	108	108	<1%
		Antimony	EPA 200.8	1102013-002	<0.0025	0.0115	0.0111	0.010	mg/L	115	111	4 %
		Arsenic	EPA 200.8	1102013-002	<0.0050	0.0562	0.0551	0.050	mg/L	105	103	2 %
QC1102234	MS 1	Lead	EPA 200.8	1102013-002	<0.0025	0.0117	0.0116	0.010	mg/L	117	116	1 %
		Selenium	EPA 200.8	1102013-002	<0.0050	0.0479	0.0492	0.050	mg/L	93	96	3 %
		Thallium	EPA 200.8	1102013-002	<0.0010	0.0118	0.0117	0.010	mg/L	118	117	1 %
		Uranium	EPA 200.8	1102013-002	<0.0100	0.0117	0.0115	0.010	mg/L	116	114	2 %
		Sulfate	EPA 300.0	1102080-021	<1.000	11.9	12.0	10.0	mg/L	118	118	1 %

Specializing in Soil, Hazardous Waste and Water Analysis.

4/11/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1203592

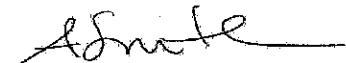
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 3/30/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Page 1 of 8

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Sparks, Nevada 89431
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LAS VEGAS
3230 Polaris Ave., Suite 4
Las Vegas, Nevada 89102
tel [702] 475-8899
fax [702] 776-6152

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1203592

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 4/11/2012

OrderID: 1203592

Customer Sample ID: Copper Flat WK;28

Collect Date/Time: 3/30/2012 09:00

WETLAB Sample ID: 1203592-001

Receive Date: 3/30/2012 09:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.88	pH Units		3/30/2012
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	3/30/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/30/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/30/2012
Total Alkalinity	SM 2320B	83	mg/L as CaCO ₃	1.0	3/30/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/31/2012
Fluoride	EPA 300.0	2.1	mg/L	0.50	4/2/2012
Sulfate	EPA 300.0	34	mg/L	1.0	3/31/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/31/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/31/2012
Total Dissolved Solids (TDS)	SM 2540C	130 Q	mg/L	10	4/2/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	4/9/2012
Barium	EPA 200.7	0.11	mg/L	0.010	4/9/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	4/9/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	4/9/2012
Calcium	EPA 200.7	34	mg/L	0.50	4/9/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	4/9/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	4/9/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	4/9/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	4/9/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Magnesium	EPA 200.7	6.6	mg/L	0.50	4/9/2012
Manganese	EPA 200.7	0.043	mg/L	0.0050	4/9/2012
Molybdenum	EPA 200.7	0.014	mg/L	0.010	4/9/2012

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Customer Sample ID: Copper Flat WK;28
 WETLAB Sample ID: 1203592-001

Collect Date/Time: 3/30/2012 09:00
 Receive Date: 3/30/2012 09:25

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Nickel	EPA 200.7	<0.010	mg/L	0.010	4/9/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	4/9/2012
Potassium	EPA 200.7	2.4	mg/L	0.50	4/9/2012
Scandium	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	4/9/2012
Sodium	EPA 200.7	0.65	mg/L	0.50	4/9/2012
Strontium	EPA 200.7	0.38	mg/L	0.10	4/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	4/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	4/9/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	4/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	4/9/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	4/9/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	4/9/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	4/9/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	4/9/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	4/9/2012
Uranium	EPA 200.8	0.018	mg/L	0.0050	4/9/2012
Anions	Calculation	2.46	meq/L	0.10	
Cations	Calculation	2.33	meq/L	0.10	
Error	Calculation	2.6	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12040015	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12040015	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12040015	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12040019	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12040019	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12040019	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12040030	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12040030	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12040030	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12040032	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12040032	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12040032	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12040077	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12040077	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12040077	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12040157	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12040157	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12040301	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC12040306	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L

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QCBatchID	QCType	Parameter	Method	Result	Units			
		Lead	EPA 200.8	<0.0025	mg/L			
		Selenium	EPA 200.8	<0.0050	mg/L			
		Thallium	EPA 200.8	<0.0010	mg/L			
		Uranium	EPA 200.8	<0.0050	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC12040001	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC12040001	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12040001	LCS 3	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC12040015	LCS 1	Chloride	EPA 300.0	10.5	10.0	105	mg/L	
QC12040019	LCS 1	Nitrite Nitrogen	EPA 300.0	0.509	0.500	102	mg/L	
QC12040030	LCS 1	Nitrate Nitrogen	EPA 300.0	2.04	2.00	102	mg/L	
QC12040032	LCS 1	Sulfate	EPA 300.0	24.5	25.0	98	mg/L	
QC12040077	LCS 1	Fluoride	EPA 300.0	1.82	2.00	91	mg/L	
QC12040157	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	147	150	98	mg/L	
QC12040157	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L	
QC12040301	LCS 1	Aluminum	EPA 200.7	0.953	1.00	95	mg/L	
		Barium	EPA 200.7	0.961	1.00	96	mg/L	
		Beryllium	EPA 200.7	0.960	1.00	96	mg/L	
		Bismuth	EPA 200.7	0.984	1.00	98	mg/L	
		Boron	EPA 200.7	0.897	1.00	90	mg/L	
		Cadmium	EPA 200.7	0.976	1.00	98	mg/L	
		Calcium	EPA 200.7	9.76	10.0	98	mg/L	
		Chromium	EPA 200.7	0.951	1.00	95	mg/L	
		Cobalt	EPA 200.7	0.958	1.00	96	mg/L	
		Copper	EPA 200.7	4.72	5.00	94	mg/L	
		Gallium	EPA 200.7	0.959	1.00	96	mg/L	
		Iron	EPA 200.7	0.954	1.00	95	mg/L	
		Lithium	EPA 200.7	0.949	1.00	95	mg/L	
		Magnesium	EPA 200.7	9.62	10.0	96	mg/L	
		Manganese	EPA 200.7	0.950	1.00	95	mg/L	
		Molybdenum	EPA 200.7	0.966	1.00	97	mg/L	
		Nickel	EPA 200.7	4.84	5.00	97	mg/L	
		Phosphorus	EPA 200.7	4.79	5.00	96	mg/L	
		Potassium	EPA 200.7	9.66	10.0	97	mg/L	
		Scandium	EPA 200.7	0.948	1.00	95	mg/L	
		Silver	EPA 200.7	0.085	0.090	95	mg/L	
		Sodium	EPA 200.7	9.71	10.0	97	mg/L	
		Strontium	EPA 200.7	0.969	1.00	97	mg/L	
		Tin	EPA 200.7	0.958	1.00	96	mg/L	
		Titanium	EPA 200.7	0.955	1.00	96	mg/L	
		Vanadium	EPA 200.7	0.956	1.00	96	mg/L	
		Zinc	EPA 200.7	0.981	1.00	98	mg/L	
QC12040306	LCS 1	Mercury	EPA 200.8	0.001028	0.001	103	mg/L	
		Antimony	EPA 200.8	0.0096	0.010	96	mg/L	
		Arsenic	EPA 200.8	0.0513	0.050	103	mg/L	
		Lead	EPA 200.8	0.0096	0.010	96	mg/L	
		Selenium	EPA 200.8	0.0453	0.050	91	mg/L	
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L	
		Uranium	EPA 200.8	0.0091	0.010	91	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC12040001	Duplicate	pH	SM 4500-H+B	1203599-001	8.14	8.16	pH Units	<1%				
QC12040001	Duplicate	pH	SM 4500-H+B	1203600-001	7.73	7.73	pH Units	<1%				
QC12040001	Duplicate	pH	SM 4500-H+B	1203604-004	7.75	7.78	pH Units	<1%				
QC12040001	Duplicate	pH	SM 4500-H+B	1203619-001	6.66	6.69	pH Units	<1%				
QC12040001	Duplicate	pH	SM 4500-H+B	1203619-002	6.47	6.52	pH Units	1 %				
QC12040001	Duplicate	pH	SM 4500-H+B	1203619-013	6.67	6.63	pH Units	1 %				
QC12040157	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203592-001	126	140	Q mg/L	11 %				
QC12040157	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203600-003	152	148	mg/L	3 %				
QC12040157	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203608-002	668	688	mg/L	3 %				
QC12040157	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203619-014	23.0	29.0	mg/L	23 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.	MSD % Rec.	RPD		
QC12040015	MS 1	Chloride	EPA 300.0	1203580-003	9.68	14.7	14.8	5.00	mg/L	101	103	1 %
QC12040015	MS 2	Chloride	EPA 300.0	1203580-005	1.11	6.31	6.48	5.00	mg/L	104	107	3 %
QC12040019	MS 1	Nitrite Nitrogen	EPA 300.0	1203580-003	<0.025	0.539	0.546	0.500	mg/L	103	104	1 %
QC12040019	MS 2	Nitrite Nitrogen	EPA 300.0	1203580-005	<0.025	0.532	0.548	0.500	mg/L	102	105	3 %
QC12040030	MS 1	Nitrate Nitrogen	EPA 300.0	1203592-001	<1.000	2.04	2.08	2.00	mg/L	100	102	2 %
QC12040030	MS 2	Nitrate Nitrogen	EPA 300.0	1203619-009	<1.000	2.31	2.32	2.00	mg/L	104	104	<1%
QC12040032	MS 1	Sulfate	EPA 300.0	1203580-003	30.6	39.7	40.0	10.0	mg/L	91	94	1 %
QC12040032	MS 2	Sulfate	EPA 300.0	1203580-005	1.79	11.9	12.2	10.0	mg/L	102	104	2 %
QC12040077	MS 1	Fluoride	EPA 300.0	1203592-001	2.08	11.4	11.6	2.00	mg/L	93	95	2 %
QC12040077	MS 2	Fluoride	EPA 300.0	1204007-001	1.15	19.8	19.9	2.00	mg/L	93	94	1 %
QC12040301	MS 1	Aluminum	EPA 200.7	1204101-002	3.25	M 8.19	8.33	1.00	mg/L	NC	NC	NC
		Barium	EPA 200.7	1204101-002	0.293	1.25	1.24	1.00	mg/L	96	95	1 %
		Beryllium	EPA 200.7	1204101-002	<0.001	0.996	0.992	1.00	mg/L	100	99	<1%
		Bismuth	EPA 200.7	1204101-002	<0.100	0.933	0.917	1.00	mg/L	93	91	2 %
		Boron	EPA 200.7	1204101-002	5.44	6.36	6.44	1.00	mg/L	92	100	1 %
		Cadmium	EPA 200.7	1204101-002	<0.001	0.986	0.985	1.00	mg/L	99	98	<1%
		Calcium	EPA 200.7	1204101-002	51.8	61.1	61.5	10.0	mg/L	93	97	1 %
		Chromium	EPA 200.7	1204101-002	0.006	0.946	0.942	1.00	mg/L	94	94	<1%
		Cobalt	EPA 200.7	1204101-002	<0.010	0.956	0.951	1.00	mg/L	95	95	1 %
		Copper	EPA 200.7	1204101-002	<0.050	4.87	4.81	5.00	mg/L	97	96	1 %
		Gallium	EPA 200.7	1204101-002	<0.100	0.877	0.874	1.00	mg/L	87	87	<1%
		Iron	EPA 200.7	1204101-002	7.33	SC 10.0	10.1	1.00	mg/L	NC	NC	NC
		Lithium	EPA 200.7	1204101-002	1.73	2.66	2.67	1.00	mg/L	93	94	<1%
		Magnesium	EPA 200.7	1204101-002	6.49	16.5	16.6	10.0	mg/L	100	101	1 %
		Manganese	EPA 200.7	1204101-002	0.185	1.13	1.12	1.00	mg/L	94	94	1 %
		Molybdenum	EPA 200.7	1204101-002	<0.010	0.979	0.975	1.00	mg/L	98	97	<1%
		Nickel	EPA 200.7	1204101-002	<0.010	4.81	4.79	5.00	mg/L	96	96	<1%
		Phosphorus	EPA 200.7	1204101-002	<0.500	5.56	5.58	5.00	mg/L	105	105	<1%
		Potassium	EPA 200.7	1204101-002	83.4	92.3	93.0	10.0	mg/L	89	96	1 %
		Scandium	EPA 200.7	1204101-002	<0.100	0.948	0.939	1.00	mg/L	95	94	1 %
		Silver	EPA 200.7	1204101-002	<0.005	0.089	0.087	0.090	mg/L	99	97	2 %
		Sodium	EPA 200.7	1204101-002	993	SC 976	988	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1204101-002	1.71	2.57	2.53	1.00	mg/L	86	82	2 %
		Tin	EPA 200.7	1204101-002	<0.100	0.962	0.964	1.00	mg/L	102	102	<1%
		Titanium	EPA 200.7	1204101-002	0.131	1.18	1.17	1.00	mg/L	105	104	1 %
		Vanadium	EPA 200.7	1204101-002	0.016	0.986	0.981	1.00	mg/L	97	97	1 %
		Zinc	EPA 200.7	1204101-002	0.049	1.07	1.07	1.00	mg/L	102	102	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12040306	MS 1	Mercury	EPA 200.8	1204101-002	0.001936	M	0.002422	0.002377	0.001	mg/L	NC	NC
		Antimony	EPA 200.8	1204101-002	0.0132		0.0202	0.0201	0.010	mg/L	70	69
		Arsenic	EPA 200.8	1204101-002	0.0489	M	0.0772	0.0783	0.050	mg/L	NC	NC
		Lead	EPA 200.8	1204101-002	0.0030		0.0128	0.0129	0.010	mg/L	98	98
		Selenium	EPA 200.8	1204101-002	0.0070	M	0.0275	0.0270	0.050	mg/L	NC	NC
		Thallium	EPA 200.8	1204101-002	<0.0010		0.0078	0.0080	0.010	mg/L	72	74
		Uranium	EPA 200.8	1204101-002	<0.0050		0.0102	0.0102	0.010	mg/L	86	87

3/16/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1203051

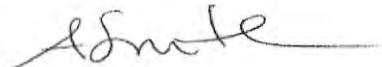
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 3/2/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1203051

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 3/16/2012

OrderID: 1203051

Customer Sample ID: Copper Flat WK:24

Collect Date/Time: 3/2/2012 09:00

WETLAB Sample ID: 1203051-001

Receive Date: 3/2/2012 14:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.10	pH Units		3/2/2012
Bicarbonate (HCO ₃)	SM 2320B	100	mg/L	1.0	3/2/2012
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	3/2/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	3/2/2012
Total Alkalinity	SM 2320B	83	mg/L as CaCO ₃	1.0	3/2/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	3/3/2012
Fluoride	EPA 300.0	1.9	mg/L	0.10	3/3/2012
Sulfate	EPA 300.0	38	mg/L	1.0	3/3/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	3/3/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	3/3/2012
Total Dissolved Solids (TDS)	SM 2540C	130	mg/L	10	3/5/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	3/8/2012
Barium	EPA 200.7	0.10	mg/L	0.010	3/8/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	3/8/2012
Calcium	EPA 200.7	33	mg/L	0.50	3/8/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	3/8/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	3/8/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	3/8/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Magnesium	EPA 200.7	6.6	mg/L	0.50	3/8/2012
Manganese	EPA 200.7	0.054	mg/L	0.0050	3/8/2012
Molybdenum	EPA 200.7	0.016	mg/L	0.010	3/8/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	3/8/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	3/8/2012
Potassium	EPA 200.7	2.8	mg/L	0.50	3/8/2012

Customer Sample ID: Copper Flat WK:24

Collect Date/Time: 3/2/2012 09:00

WETLAB Sample ID: 1203051-001

Receive Date: 3/2/2012 14:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	3/8/2012
Sodium	EPA 200.7	0.73	mg/L	0.50	3/8/2012
Strontium	EPA 200.7	0.39	mg/L	0.10	3/8/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	3/8/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	3/8/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	3/8/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	3/12/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	3/10/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	3/10/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	3/10/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	3/10/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	3/10/2012
Uranium	EPA 200.8	0.018	mg/L	0.010	3/12/2012
Anions	Calculation	2.53	meq/L	0.10	
Cations	Calculation	2.30	meq/L	0.10	
Error	Calculation	4.9	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12030151	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12030151	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12030151	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12030153	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12030153	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12030153	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12030155	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030155	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030155	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12030157	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030157	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030157	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12030159	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12030159	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12030159	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12030233	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030233	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030233	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12030299	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L
QC12030363	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L			
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC12030106	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC12030106	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12030108	LCS 1	Alkalinity	SM 2320B	99.8	100	100	mg/L	
QC12030108	LCS 2	Alkalinity	SM 2320B	99.9	100	100	mg/L	
QC12030151	LCS 1	Fluoride	EPA 300.0	1.88	2.00	94	mg/L	
QC12030153	LCS 1	Chloride	EPA 300.0	10.3	10.0	103	mg/L	
QC12030155	LCS 1	Nitrite Nitrogen	EPA 300.0	0.517	0.500	103	mg/L	
QC12030157	LCS 1	Nitrate Nitrogen	EPA 300.0	2.01	2.00	100	mg/L	
QC12030159	LCS 1	Sulfate	EPA 300.0	24.5	25.0	98	mg/L	
QC12030233	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L	
QC12030233	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	148	150	99	mg/L	
QC12030233	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	144	150	96	mg/L	
QC12030299	LCS 1	Aluminum	EPA 200.7	0.999	1.00	100	mg/L	
		Barium	EPA 200.7	0.992	1.00	99	mg/L	
		Beryllium	EPA 200.7	0.974	1.00	97	mg/L	
		Bismuth	EPA 200.7	1.00	1.00	100	mg/L	
		Boron	EPA 200.7	0.951	1.00	95	mg/L	
		Cadmium	EPA 200.7	1.00	1.00	100	mg/L	
		Calcium	EPA 200.7	9.88	10.0	99	mg/L	
		Chromium	EPA 200.7	0.986	1.00	99	mg/L	
		Cobalt	EPA 200.7	0.996	1.00	100	mg/L	
		Copper	EPA 200.7	4.92	5.00	98	mg/L	
		Gallium	EPA 200.7	0.966	1.00	97	mg/L	
		Iron	EPA 200.7	1.03	1.00	103	mg/L	
		Lithium	EPA 200.7	0.969	1.00	97	mg/L	
		Magnesium	EPA 200.7	9.79	10.0	98	mg/L	
		Manganese	EPA 200.7	0.987	1.00	99	mg/L	
		Molybdenum	EPA 200.7	0.977	1.00	98	mg/L	
		Nickel	EPA 200.7	4.98	5.00	100	mg/L	
		Phosphorus	EPA 200.7	4.96	5.00	99	mg/L	
		Potassium	EPA 200.7	9.92	10.0	99	mg/L	
		Scandium	EPA 200.7	0.976	1.00	98	mg/L	
		Silver	EPA 200.7	0.087	0.090	97	mg/L	
		Sodium	EPA 200.7	9.93	10.0	99	mg/L	
		Strontium	EPA 200.7	0.999	1.00	100	mg/L	
		Tin	EPA 200.7	0.962	1.00	96	mg/L	
		Titanium	EPA 200.7	0.984	1.00	98	mg/L	
		Vanadium	EPA 200.7	0.986	1.00	99	mg/L	
		Zinc	EPA 200.7	1.01	1.00	101	mg/L	
QC12030363	LCS 1	Mercury	EPA 200.8	0.000960	0.001	96	mg/L	
		Antimony	EPA 200.8	0.0099	0.010	98	mg/L	
		Arsenic	EPA 200.8	0.0485	0.050	97	mg/L	
		Lead	EPA 200.8	0.0093	0.010	92	mg/L	
		Selenium	EPA 200.8	0.0448	0.050	90	mg/L	
		Thallium	EPA 200.8	0.0090	0.010	90	mg/L	
		Uranium	EPA 200.8	0.0094	0.010	94	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12030106	Duplicate	pH	SM 4500-H+ B	1203031-001	7.80	7.84	pH Units	1 %
QC12030106	Duplicate	pH	SM 4500-H+ B	1203035-005	6.89	6.88	pH Units	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12030106	Duplicate	pH	SM 4500-H+ B	1203040-005	8.09	8.10	pH Units	<1%
QC12030106	Duplicate	pH	SM 4500-H+ B	1203052-008	3.17	3.19	pH Units	1 %
QC12030106	Duplicate	pH	SM 4500-H+ B	1203053-002	7.51	7.53	pH Units	<1%
QC12030108	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203031-001	236	237	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1203031-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1203031-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1203031-001	194	194	mg/L as CaCO ₃	<1%
QC12030108	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203035-005	169	168	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1203035-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1203035-005	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1203035-005	138	138	mg/L as CaCO ₃	<1%
QC12030108	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203040-005	226	226	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1203040-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1203040-005	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1203040-005	185	186	mg/L as CaCO ₃	<1%
QC12030108	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1203053-002	221	221	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1203053-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1203053-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1203053-002	181	181	mg/L as CaCO ₃	<1%
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203025-001	63.0	65.0	mg/L	3 %
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203030-007	104	110	mg/L	6 %
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203038-001	191	199	mg/L	4 %
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203052-002	50.0	42.0	mg/L	17 %
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203052-011	14.0	17.0	mg/L	19 %
QC12030233	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1203062-004	756	760	mg/L	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12030151	MS 1	Fluoride	EPA 300.0	1203040-005	0.790	10.3	10.4	2.00	mg/L	95	96	1 %
QC12030151	MS 2	Fluoride	EPA 300.0	1203052-011	0.222	2.33	2.22	2.00	mg/L	105	100	5 %
QC12030153	MS 1	Chloride	EPA 300.0	1203052-001	<5.000	26.4	26.6	5.00	mg/L	105	106	1 %
QC12030153	MS 2	Chloride	EPA 300.0	1203052-011	<1.000	5.23	5.24	5.00	mg/L	104	104	<1%
QC12030155	MS 1	Nitrite Nitrogen	EPA 300.0	1203052-001	<0.125	2.55	2.65	0.500	mg/L	100	104	4 %
QC12030155	MS 2	Nitrite Nitrogen	EPA 300.0	1203052-011	<0.025	0.516	0.514	0.500	mg/L	102	101	<1%
QC12030157	MS 1	Nitrate Nitrogen	EPA 300.0	1203052-001	<1.000	10.6	10.7	2.00	mg/L	104	105	1 %
QC12030157	MS 2	Nitrate Nitrogen	EPA 300.0	1203052-011	<1.000	2.10	2.10	2.00	mg/L	103	104	<1%
QC12030159	MS 1	Sulfate	EPA 300.0	1203052-001	303	SC 335	331	10.0	mg/L	NC	NC	NC
QC12030159	MS 2	Sulfate	EPA 300.0	1203052-011	4.35	14.4	14.2	10.0	mg/L	101	98	1 %
QC12030299	MS 1	Aluminum, Dissolved	EPA 200.7	1203053-001	0.337	1.23	1.21	1.00	mg/L	89	87	2 %
		Barium, Dissolved	EPA 200.7	1203053-001	0.021	0.966	0.961	1.00	mg/L	94	94	1 %
		Beryllium, Dissolved	EPA 200.7	1203053-001	0.005	0.957	0.947	1.00	mg/L	95	94	1 %
		Bismuth, Dissolved	EPA 200.7	1203053-001	<0.100	0.910	0.901	1.00	mg/L	92	91	1 %
		Boron, Dissolved	EPA 200.7	1203053-001	1.20	2.13	2.15	1.00	mg/L	93	95	1 %
		Cadmium, Dissolved	EPA 200.7	1203053-001	<0.001	0.929	0.934	1.00	mg/L	93	93	1 %
		Calcium, Dissolved	EPA 200.7	1203053-001	62.5	69.7	70.0	10.0	mg/L	72	75	<1%
		Chromium, Dissolved	EPA 200.7	1203053-001	<0.005	0.938	0.935	1.00	mg/L	94	94	<1%
		Cobalt, Dissolved	EPA 200.7	1203053-001	<0.010	0.937	0.939	1.00	mg/L	94	94	<1%
		Copper, Dissolved	EPA 200.7	1203053-001	<0.050	4.94	4.86	5.00	mg/L	99	97	2 %
		Gallium, Dissolved	EPA 200.7	1203053-001	<0.100	0.860	0.879	1.00	mg/L	88	90	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC120305363	MS 1	Iron, Dissolved	EPA 200.7	1203053-001	6.91	7.68	7.68	1.00	mg/L	77	77	<1%
		Lithium, Dissolved	EPA 200.7	1203053-001	0.650	1.67	1.63	1.00	mg/L	102	98	2 %
		Magnesium, Dissolved	EPA 200.7	1203053-001	12.4	21.0	21.1	10.0	mg/L	86	87	<1%
		Manganese, Dissolved	EPA 200.7	1203053-001	2.21	3.11	3.13	1.00	mg/L	90	92	1 %
		Molybdenum, Dissolved	EPA 200.7	1203053-001	<0.010	0.943	0.954	1.00	mg/L	94	95	1 %
		Nickel, Dissolved	EPA 200.7	1203053-001	<0.010	4.69	4.70	5.00	mg/L	94	94	<1%
		Phosphorus, Dissolved	EPA 200.7	1203053-001	<0.500	4.98	5.01	5.00	mg/L	97	97	1 %
		Potassium, Dissolved	EPA 200.7	1203053-001	39.2	49.7	49.1	10.0	mg/L	105	99	1 %
		Scandium, Dissolved	EPA 200.7	1203053-001	<0.100	0.981	0.961	1.00	mg/L	98	96	2 %
		Silver, Dissolved	EPA 200.7	1203053-001	<0.005	0.086	0.085	0.090	mg/L	99	98	1 %
		Sodium, Dissolved	EPA 200.7	1203053-001	324	331	331	10.0	mg/L	70	70	<1%
		Strontium, Dissolved	EPA 200.7	1203053-001	0.331	1.32	1.31	1.00	mg/L	99	98	1 %
		Tin, Dissolved	EPA 200.7	1203053-001	<0.100	0.837	0.848	1.00	mg/L	93	94	1 %
		Titanium, Dissolved	EPA 200.7	1203053-001	<0.100	0.991	0.984	1.00	mg/L	99	98	1 %
		Vanadium, Dissolved	EPA 200.7	1203053-001	0.016	0.986	0.979	1.00	mg/L	97	96	1 %
		Zinc, Dissolved	EPA 200.7	1203053-001	0.051	1.01	1.01	1.00	mg/L	96	96	<1%
		Uranium, Dissolved	EPA 200.8	1203053-001	<0.0100	<0.0100	<0.0100	0.010	mg/L	98	99	#Erro
		Mercury, Dissolved	EPA 200.8	1203053-001	<0.00010	0.000748	0.000726	0.001	mg/L	75	73	3 %
		Antimony, Dissolved	EPA 200.8	1203053-001	0.0056	0.0150	0.0151	0.010	mg/L	94	96	1 %
		Arsenic, Dissolved	EPA 200.8	1203053-001	0.1217	0.1690	0.1696	0.050	mg/L	95	96	<1%
		Lead, Dissolved	EPA 200.8	1203053-001	<0.0025	0.0084	0.0085	0.010	mg/L	83	84	1 %
		Selenium, Dissolved	EPA 200.8	1203053-001	<0.0050	0.0423	0.0430	0.050	mg/L	83	84	2 %
		Thallium, Dissolved	EPA 200.8	1203053-001	<0.0010	0.0081	0.0083	0.010	mg/L	81	83	2 %

2/14/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1202066

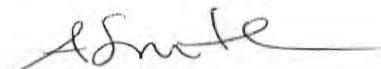
Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 2/3/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1202066

General Comments

None

Specific Comments

The matrix spike/matrix spike duplicate (MS/MSD) values for the analysis of Fluoride on sample 1202066-001 were outside laboratory acceptance criteria; however, the relative percent difference (RPD) value was acceptable, indicating probable matrix interference. The reported result should be considered an estimate.

The result for the continuing calibration verification (CCV) sample during the analysis for Fluoride was outside WETLAB acceptance criteria. Lab Fortified Blank (LFB/LCS) data was however acceptable. The reported data for Fluoride on all samples should be considered estimates. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 2/14/2012

OrderID: 1202066

Customer Sample ID: Copper Flat WK:20

Collect Date/Time: 2/3/2012 09:00

WETLAB Sample ID: 1202066-001

Receive Date: 2/3/2012 15:40

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed	
pH	SM 4500-H+ B	7.83	pH Units		2/3/2012	
Bicarbonate (HCO ₃)	SM 2320B	83	mg/L	1.0	2/3/2012	
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	2/3/2012	
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	2/3/2012	
Total Alkalinity	SM 2320B	68	mg/L as CaCO ₃	1.0	2/3/2012	
Chloride	EPA 300.0	<1.00	mg/L	1.00	2/4/2012	
Fluoride	EPA 300.0	2.0	M	mg/L	0.10	2/4/2012
Sulfate	EPA 300.0	49	mg/L	1.0	2/4/2012	
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	2/4/2012	
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	2/4/2012	
Total Dissolved Solids (TDS)	SM 2540C	140	mg/L	10	2/6/2012	
Aluminum	EPA 200.7	<0.045	mg/L	0.045	2/9/2012	
Barium	EPA 200.7	0.072	mg/L	0.010	2/9/2012	
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	2/9/2012	
Bismuth	EPA 200.7	<0.10	mg/L	0.10	2/9/2012	
Boron	EPA 200.7	<0.10	mg/L	0.10	2/9/2012	
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	2/9/2012	
Calcium	EPA 200.7	32	mg/L	0.50	2/9/2012	
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	2/9/2012	
Cobalt	EPA 200.7	<0.010	mg/L	0.010	2/9/2012	
Copper	EPA 200.7	<0.050	mg/L	0.050	2/9/2012	
Gallium	EPA 200.7	<0.10	mg/L	0.10	2/9/2012	
Iron	EPA 200.7	<0.010	mg/L	0.010	2/9/2012	
Lithium	EPA 200.7	<0.10	mg/L	0.10	2/9/2012	
Magnesium	EPA 200.7	6.2	mg/L	0.50	2/9/2012	
Manganese	EPA 200.7	0.043	mg/L	0.0050	2/9/2012	
Molybdenum	EPA 200.7	0.018	mg/L	0.010	2/9/2012	
Nickel	EPA 200.7	<0.010	mg/L	0.010	2/9/2012	
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	2/9/2012	
Potassium	EPA 200.7	2.8	mg/L	0.50	2/9/2012	

Customer Sample ID: Copper Flat WK:20

Collect Date/Time: 2/3/2012 09:00

WETLAB Sample ID: 1202066-001

Receive Date: 2/3/2012 15:40

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	2/9/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	2/9/2012
Sodium	EPA 200.7	0.72	mg/L	0.50	2/9/2012
Strontium	EPA 200.7	0.39	mg/L	0.10	2/9/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	2/9/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	2/9/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	2/9/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	2/9/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	2/9/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	2/9/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	2/10/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	2/9/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	2/10/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	2/9/2012
Uranium	EPA 200.8	0.017	mg/L	0.010	2/9/2012
Anions	Calculation	2.49	meq/L	0.10	
Cations	Calculation	2.21	meq/L	0.10	
Error	Calculation	5.8	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12020142	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12020142	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12020142	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12020150	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12020150	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12020150	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12020154	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12020154	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12020154	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12020159	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12020159	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12020159	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12020163	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12020163	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12020163	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12020239	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12020239	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC12020287	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12020305	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Zinc	EPA 200.7	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC12020130	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12020130	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC12020132	LCS 1	Alkalinity	SM 2320B	101	100	101	mg/L	
QC12020132	LCS 2	Alkalinity	SM 2320B	100	100	100	mg/L	
QC12020142	LCS 1	Fluoride	EPA 300.0	1.89	2.00	94	mg/L	
QC12020150	LCS 1	Chloride	EPA 300.0	10.0	10.0	100	mg/L	
QC12020154	LCS 1	Nitrite Nitrogen	EPA 300.0	0.472	0.500	94	mg/L	
QC12020154	LCS 2	Nitrite Nitrogen	EPA 300.0		0.500		mg/L	
QC12020159	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00	101	mg/L	
QC12020163	LCS 1	Sulfate	EPA 300.0	22.8	25.0	91	mg/L	
QC12020239	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	144	150	96	mg/L	
QC12020239	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	136	150	91	mg/L	
QC12020287	LCS 1	Mercury	EPA 200.8	0.000861	0.001	86	mg/L	
		Antimony	EPA 200.8	0.0089	0.010	89	mg/L	
		Arsenic	EPA 200.8	0.0471	0.050	94	mg/L	
		Lead	EPA 200.8	0.0090	0.010	90	mg/L	
		Selenium	EPA 200.8	0.0437	0.050	87	mg/L	
		Thallium	EPA 200.8	0.0090	0.010	90	mg/L	
		Uranium	EPA 200.8	<0.0100	0.010	90	mg/L	
		Aluminum	EPA 200.7	0.953	1.00	95	mg/L	
		Barium	EPA 200.7	0.933	1.00	93	mg/L	
		Beryllium	EPA 200.7	0.943	1.00	94	mg/L	
QC12020305	LCS 1	Bismuth	EPA 200.7	0.906	1.00	91	mg/L	
		Boron	EPA 200.7	0.904	1.00	90	mg/L	
		Cadmium	EPA 200.7	0.924	1.00	92	mg/L	
		Calcium	EPA 200.7	9.43	10.0	94	mg/L	
		Chromium	EPA 200.7	0.927	1.00	93	mg/L	
		Cobalt	EPA 200.7	0.934	1.00	93	mg/L	
		Copper	EPA 200.7	4.59	5.00	92	mg/L	
		Gallium	EPA 200.7	0.980	1.00	98	mg/L	
		Iron	EPA 200.7	0.947	1.00	95	mg/L	
		Lithium	EPA 200.7	0.937	1.00	94	mg/L	
		Magnesium	EPA 200.7	9.21	10.0	92	mg/L	
		Manganese	EPA 200.7	0.932	1.00	93	mg/L	
		Molybdenum	EPA 200.7	0.918	1.00	92	mg/L	
		Nickel	EPA 200.7	4.64	5.00	93	mg/L	
		Phosphorus	EPA 200.7	4.62	5.00	92	mg/L	
		Potassium	EPA 200.7	10.2	10.0	102	mg/L	
		Scandium	EPA 200.7	0.944	1.00	94	mg/L	
		Silver	EPA 200.7	0.082	0.090	92	mg/L	
		Sodium	EPA 200.7	10.1	10.0	101	mg/L	
		Strontium	EPA 200.7	0.958	1.00	96	mg/L	
		Tin	EPA 200.7	0.902	1.00	90	mg/L	
		Titanium	EPA 200.7	0.924	1.00	92	mg/L	
		Vanadium	EPA 200.7	0.923	1.00	92	mg/L	
		Zinc	EPA 200.7	0.932	1.00	93	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12020130	Duplicate	pH	SM 4500-H+ B	1202057-001	7.78	7.81	pH Units	<1%
QC12020130	Duplicate	pH	SM 4500-H+ B	1202063-001	8.14	8.15	pH Units	<1%
QC12020130	Duplicate	pH	SM 4500-H+ B	1202065-002	8.36	8.42	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12020130	Duplicate	pH	SM 4500-H+ B	1202069-001	6.62	6.70	pH Units	1 %
QC12020130	Duplicate	pH	SM 4500-H+ B	1202069-011	6.25	6.25	pH Units	<1%
QC12020132	Duplicate	Bicarbonate (HCO3)	SM 2320B	1202057-001	176	176	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1202057-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1202057-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1202057-001	144	144	mg/L as CaCO3	<1%
QC12020132	Duplicate	Bicarbonate (HCO3)	SM 2320B	1202063-001	151	150	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1202063-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1202063-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1202063-001	124	123	mg/L as CaCO3	1 %
QC12020132	Duplicate	Bicarbonate (HCO3)	SM 2320B	1202065-002	121	119	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1202065-002	2.53	3.92	mg/L	43 %
		Hydroxide (OH)	SM 2320B	1202065-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1202065-002	104	104	mg/L as CaCO3	1 %
QC12020132	Duplicate	Bicarbonate (HCO3)	SM 2320B	1202069-001	7.80	8.05	mg/L	3 %
		Carbonate (CO3)	SM 2320B	1202069-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1202069-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1202069-001	6.40	6.60	mg/L as CaCO3	3 %
QC12020132	Duplicate	Bicarbonate (HCO3)	SM 2320B	1202069-011	2.39	2.18	mg/L	9 %
		Carbonate (CO3)	SM 2320B	1202069-011	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1202069-011	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1202069-011	1.96	1.79	mg/L as CaCO3	9 %
QC12020239	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202041-001	38.0	33.0	mg/L	14 %
QC12020239	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202041-011	<10.0	15.0	mg/L	40 %
QC12020239	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202062-005	425	426	mg/L	<1%
QC12020239	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1202065-007	397	406	mg/L	2 %
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	RPD
QC12020142	MS 1	Fluoride	EPA 300.0	1201217-072	<0.100	1.89	1.90	mg/L 93 93 1 %
QC12020142	MS 2	Fluoride	EPA 300.0	1202066-001	1.95	M 3.50	4.15	mg/L NC NC NC
QC12020150	MS 1	Chloride	EPA 300.0	1201217-072	2.65	7.87	7.81	mg/L 104 103 1 %
QC12020150	MS 2	Chloride	EPA 300.0	1202066-001	<1.000	5.37	5.38	mg/L 106 106 <1%
QC12020154	MS 1	Nitrite Nitrogen	EPA 300.0	1202042-008	<0.025	0.537	0.552	mg/L 106 106 3 %
QC12020154	MS 2	Nitrite Nitrogen	EPA 300.0	1202066-001	<0.025	0.542	0.539	mg/L 107 107 1 %
QC12020159	MS 1	Nitrate Nitrogen	EPA 300.0	1202063-002	<1.000	20.7	20.7	mg/L 102 102 <1%
QC12020159	MS 2	Nitrate Nitrogen	EPA 300.0	1202066-001	<1.000	2.21	2.13	mg/L 108 104 4 %
QC12020163	MS 1	Sulfate	EPA 300.0	1201217-072	111	SC 115	114	mg/L NC NC NC
QC12020163	MS 2	Sulfate	EPA 300.0	1202066-001	48.6	56.6	56.7	mg/L 81 81 <1%
QC12020287	MS 1	Mercury	EPA 200.8	1202075-010	<0.00010	0.000788	0.000773	mg/L 79 77 2 %
		Antimony	EPA 200.8	1202075-010	<0.0025	0.0093	0.0092	mg/L 92 92 1 %
		Arsenic	EPA 200.8	1202075-010	0.0059	0.0586	0.0577	mg/L 105 104 2 %
		Lead	EPA 200.8	1202075-010	<0.0025	0.0085	0.0085	mg/L 84 83 <1%
		Selenium	EPA 200.8	1202075-010	<0.0050	0.0480	0.0468	mg/L 92 90 3 %
		Thallium	EPA 200.8	1202075-010	<0.0010	0.0081	0.0081	mg/L 81 81 <1%
		Uranium	EPA 200.8	1202075-010	0.0153	0.0250	0.0244	mg/L 97 91 2 %
QC12020305	MS 1	Aluminum	EPA 200.7	1202075-010	0.047	1.08	1.09	mg/L 103 104 1 %
		Barium	EPA 200.7	1202075-010	0.038	0.950	0.985	mg/L 91 95 4 %
		Beryllium	EPA 200.7	1202075-010	<0.001	0.932	0.937	mg/L 93 94 1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Bismuth	EPA 200.7	1202075-010	<0.100	0.928	0.921	1.00	mg/L	93	92	1 %
		Boron	EPA 200.7	1202075-010	0.559	1.52	1.53	1.00	mg/L	96	97	1 %
		Cadmium	EPA 200.7	1202075-010	<0.001	0.895	0.931	1.00	mg/L	90	93	4 %
		Calcium	EPA 200.7	1202075-010	118	SC 131	133	10.0	mg/L	NC	NC	NC
		Chromium	EPA 200.7	1202075-010	<0.005	0.911	0.953	1.00	mg/L	91	95	5 %
		Cobalt	EPA 200.7	1202075-010	<0.010	0.932	0.897	1.00	mg/L	93	90	4 %
		Copper	EPA 200.7	1202075-010	<0.050	4.51	4.54	5.00	mg/L	90	91	1 %
		Gallium	EPA 200.7	1202075-010	<0.100	1.04	1.04	1.00	mg/L	104	104	<1%
		Iron	EPA 200.7	1202075-010	0.023	0.932	0.929	1.00	mg/L	91	91	<1%
		Lithium	EPA 200.7	1202075-010	<0.100	1.30	1.30	1.00	mg/L	127	127	<1%
		Magnesium	EPA 200.7	1202075-010	29.3	38.3	38.4	10.0	mg/L	90	91	<1%
		Manganese	EPA 200.7	1202075-010	<0.005	0.874	0.872	1.00	mg/L	90	90	<1%
		Molybdenum	EPA 200.7	1202075-010	<0.010	0.919	0.900	1.00	mg/L	91	90	2 %
		Nickel	EPA 200.7	1202075-010	<0.010	4.28	4.27	5.00	mg/L	86	85	<1%
		Phosphorus	EPA 200.7	1202075-010	<0.500	4.96	4.85	5.00	mg/L	98	96	2 %
		Potassium	EPA 200.7	1202075-010	6.89	M 22.1	22.2	10.0	mg/L	NC	NC	NC
		Scandium	EPA 200.7	1202075-010	<0.100	0.936	0.942	1.00	mg/L	94	94	1 %
		Silver	EPA 200.7	1202075-010	<0.005	0.086	0.084	0.090	mg/L	95	91	2 %
		Sodium	EPA 200.7	1202075-010	114	SC 130	136	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1202075-010	0.885	1.80	1.82	1.00	mg/L	92	94	1 %
		Tin	EPA 200.7	1202075-010	<0.100	0.870	0.864	1.00	mg/L	91	90	1 %
		Titanium	EPA 200.7	1202075-010	<0.100	0.912	0.927	1.00	mg/L	91	93	2 %
		Vanadium	EPA 200.7	1202075-010	0.038	0.948	0.951	1.00	mg/L	91	91	<1%
		Zinc	EPA 200.7	1202075-010	0.012	0.914	0.884	1.00	mg/L	90	87	3 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

1/19/2012

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1201095

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 1/6/2012. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1201095

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 1/19/2012

OrderID: 1201095

Customer Sample ID: Copper Flat

Collect Date/Time: 1/6/2012 09:00

WETLAB Sample ID: 1201095-001

Receive Date: 1/6/2012 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.88	pH Units		1/6/2012
Bicarbonate (HCO3)	SM 2320B	82	mg/L	1.0	1/6/2012
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	1/6/2012
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	1/6/2012
Total Alkalinity	SM 2320B	67	mg/L as CaCO3	1.0	1/6/2012
Chloride	EPA 300.0	<1.00	mg/L	1.00	1/7/2012
Fluoride	EPA 300.0	1.8	mg/L	0.10	1/7/2012
Sulfate	EPA 300.0	55	mg/L	1.0	1/7/2012
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	1/7/2012
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	1/7/2012
Total Dissolved Solids (TDS)	SM 2540C	160	mg/L	10	1/10/2012
Aluminum	EPA 200.7	<0.045	mg/L	0.045	1/11/2012
Barium	EPA 200.7	0.070	mg/L	0.010	1/11/2012
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	1/11/2012
Bismuth	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Boron	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	1/11/2012
Calcium	EPA 200.7	40	mg/L	0.50	1/11/2012
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	1/11/2012
Cobalt	EPA 200.7	<0.010	mg/L	0.010	1/11/2012
Copper	EPA 200.7	<0.050	mg/L	0.050	1/11/2012
Gallium	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Iron	EPA 200.7	<0.010	mg/L	0.010	1/11/2012
Lithium	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Magnesium	EPA 200.7	7.2	mg/L	0.50	1/11/2012
Manganese	EPA 200.7	0.052	mg/L	0.0050	1/11/2012
Molybdenum	EPA 200.7	0.019	mg/L	0.010	1/11/2012
Nickel	EPA 200.7	<0.010	mg/L	0.010	1/11/2012
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	1/11/2012
Potassium	EPA 200.7	4.2	mg/L	0.50	1/11/2012

Customer Sample ID: Copper Flat
 WETLAB Sample ID: 1201095-001

Collect Date/Time: 1/6/2012 09:00
 Receive Date: 1/6/2012 15:35

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Silver	EPA 200.7	<0.0050	mg/L	0.0050	1/11/2012
Sodium	EPA 200.7	1.0	mg/L	0.50	1/11/2012
Strontium	EPA 200.7	0.46	mg/L	0.10	1/11/2012
Tin	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Titanium	EPA 200.7	<0.10	mg/L	0.10	1/11/2012
Vanadium	EPA 200.7	<0.010	mg/L	0.010	1/11/2012
Zinc	EPA 200.7	<0.010	mg/L	0.010	1/11/2012
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	1/10/2012
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	1/10/2012
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	1/10/2012
Lead	EPA 200.8	<0.0025	mg/L	0.0025	1/10/2012
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	1/10/2012
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	1/10/2012
Uranium	EPA 200.8	0.020	mg/L	0.010	1/10/2012
Anions	Calculation	2.58	meq/L	0.10	
Cations	Calculation	2.74	meq/L	0.10	
Error	Calculation	3.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC12010189	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC12010189	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC12010189	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC12010192	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC12010192	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC12010192	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC12010194	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010194	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010194	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC12010198	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010198	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010198	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC12010202	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC12010202	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC12010202	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC12010294	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC12010303	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC12010345	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	10000	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC12010175	LCS 1	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC12010175	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC12010178	LCS 1	Alkalinity	SM 2320B	100	100	100	mg/L
QC12010178	LCS 2	Alkalinity	SM 2320B	100.0	100	100	mg/L
QC12010189	LCS 1	Fluoride	EPA 300.0	1.86	2.00	93	mg/L
QC12010192	LCS 1	Chloride	EPA 300.0	10.4	10.0	104	mg/L
QC12010194	LCS 1	Nitrite Nitrogen	EPA 300.0	0.484	0.500	97	mg/L
QC12010198	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00	102	mg/L
QC12010202	LCS 1	Sulfate	EPA 300.0	22.5	25.0	90	mg/L
QC12010294	LCS 1	Mercury	EPA 200.8	0.000906	0.001	91	mg/L
		Antimony	EPA 200.8	0.0096	0.010	96	mg/L
		Arsenic	EPA 200.8	0.0466	0.050	93	mg/L
		Lead	EPA 200.8	0.0096	0.010	96	mg/L
		Selenium	EPA 200.8	0.0442	0.050	88	mg/L
		Thallium	EPA 200.8	0.0093	0.010	93	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	90	mg/L
QC12010303	LCS 1	Aluminum	EPA 200.7	0.922	1.00	92	mg/L
		Barium	EPA 200.7	0.963	1.00	96	mg/L
		Beryllium	EPA 200.7	0.975	1.00	98	mg/L
		Bismuth	EPA 200.7	0.999	1.00	100	mg/L
		Boron	EPA 200.7	0.945	1.00	94	mg/L
		Cadmium	EPA 200.7	0.995	1.00	100	mg/L
		Calcium	EPA 200.7	10.1	10.0	101	mg/L
		Chromium	EPA 200.7	0.945	1.00	94	mg/L
		Cobalt	EPA 200.7	0.979	1.00	98	mg/L
		Copper	EPA 200.7	4.65	5.00	93	mg/L
		Gallium	EPA 200.7	0.945	1.00	94	mg/L
		Iron	EPA 200.7	0.993	1.00	99	mg/L
		Lithium	EPA 200.7	0.971	1.00	97	mg/L
		Magnesium	EPA 200.7	10.1	10.0	101	mg/L
		Manganese	EPA 200.7	0.957	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.963	1.00	96	mg/L
		Nickel	EPA 200.7	4.90	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.97	5.00	99	mg/L
		Potassium	EPA 200.7	9.94	10.0	99	mg/L
		Scandium	EPA 200.7	0.944	1.00	94	mg/L
		Silver	EPA 200.7	0.086	0.090	96	mg/L
		Sodium	EPA 200.7	9.98	10.0	100	mg/L
		Strontium	EPA 200.7	0.985	1.00	98	mg/L
		Tin	EPA 200.7	0.959	1.00	96	mg/L
		Titanium	EPA 200.7	0.978	1.00	98	mg/L
		Vanadium	EPA 200.7	0.957	1.00	96	mg/L
		Zinc	EPA 200.7	1.03	1.00	103	mg/L
QC12010345	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	160	150	107	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC12010175	Duplicate	pH	SM 4500-H+ B	1201083-001	7.69	7.74	pH Units	1 %
QC12010175	Duplicate	pH	SM 4500-H+ B	1201094-002	7.34	7.31	pH Units	<1%
QC12010175	Duplicate	pH	SM 4500-H+ B	1201098-001	4.90	4.90	pH Units	<1%
QC12010175	Duplicate	pH	SM 4500-H+ B	1201098-009	7.74	7.69	pH Units	1 %
QC12010178	Duplicate	Bicarbonate (HCO3)	SM 2320B	1201083-001	155	155	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1201083-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1201083-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC12010178	Duplicate	Total Alkalinity	SM 2320B	1201083-001	127	127	mg/L as CaCO3	<1%				
		Bicarbonate (HCO3)	SM 2320B	1201094-002	28.1	26.1	mg/L	8 %				
		Carbonate (CO3)	SM 2320B	1201094-002	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1201094-002	<1.000	<1.000	mg/L	<1%				
QC12010178	Duplicate	Total Alkalinity	SM 2320B	1201094-002	23.0	21.4	mg/L as CaCO3	8 %				
		Bicarbonate (HCO3)	SM 2320B	1201098-001	<1.000	<1.000	mg/L	<1%				
		Carbonate (CO3)	SM 2320B	1201098-001	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1201098-001	<1.000	<1.000	mg/L	<1%				
QC12010178	Duplicate	Total Alkalinity	SM 2320B	1201098-001	<1.000	<1.000	mg/L as CaCO3	<1%				
		Bicarbonate (HCO3)	SM 2320B	1201098-009	47.1	46.7	mg/L	1 %				
		Carbonate (CO3)	SM 2320B	1201098-009	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1201098-009	<1.000	<1.000	mg/L	<1%				
QC12010345	Duplicate	Total Alkalinity	SM 2320B	1201098-009	38.6	38.3	mg/L as CaCO3	1 %				
		Total Dissolved Solids (TDS)	SM 2540C	1201094-001	42.0	44.0	mg/L	5 %				
		Total Dissolved Solids (TDS)	SM 2540C	1201101-001	709	713	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC12010189	MS 1	Fluoride	EPA 300.0	1201063-008	0.207	2.04	2.03	2.00	mg/L	92	91	<1%
		Fluoride	EPA 300.0	1201094-001	<0.100	2.00	1.93	2.00	mg/L	96	92	4 %
		Chloride	EPA 300.0	1201063-008	1.49	6.75	6.69	5.00	mg/L	105	104	1 %
		Chloride	EPA 300.0	1201094-001	1.13	6.40	6.36	5.00	mg/L	105	105	1 %
		Nitrite Nitrogen	EPA 300.0	1201071-001	<0.025	0.511	0.523	0.500	mg/L	102	105	2 %
		Nitrite Nitrogen	EPA 300.0	1201094-001	<0.025	0.551	0.548	0.500	mg/L	107	107	1 %
		Nitrate Nitrogen	EPA 300.0	1201063-008	<1.000	2.15	2.13	2.00	mg/L	105	104	1 %
		Nitrate Nitrogen	EPA 300.0	1201094-001	<1.000	2.14	2.12	2.00	mg/L	105	104	1 %
		Sulfate	EPA 300.0	1201063-008	32.6	41.2	41.1	10.0	mg/L	86	84	<1%
		Sulfate	EPA 300.0	1201044-048	69.1	78.4	79.0	10.0	mg/L	93	99	1 %
		Mercury	EPA 200.8	1201101-001	<0.00050 M	0.000699	0.000579	0.001	mg/L	NC	NC	NC
		Antimony	EPA 200.8	1201101-001	0.0288	0.0380	0.0385	0.010	mg/L	92	97	1 %
		Arsenic	EPA 200.8	1201101-001	0.0583	0.1005	0.0966	0.050	mg/L	84	77	4 %
		Lead	EPA 200.8	1201101-001	<0.0025	0.0101	0.0101	0.010	mg/L	100	100	<1%
		Selenium	EPA 200.8	1201101-001	<0.0250 M	<0.0250	<0.0250	0.050	mg/L	NC	NC	NC
		Thallium	EPA 200.8	1201101-001	<0.0010	0.0102	0.0102	0.010	mg/L	98	97	<1%
		Uranium	EPA 200.8	1201101-001	<0.0100	<0.0100	<0.0100	0.010	mg/L	94	92	#Error
QC12010303	MS 1	Aluminum	EPA 200.7	1201101-001	0.325	1.22	1.20	1.00	mg/L	90	88	2 %
		Barium	EPA 200.7	1201101-001	0.054	1.01	1.00	1.00	mg/L	96	95	1 %
		Beryllium	EPA 200.7	1201101-001	0.003	1.01	1.00	1.00	mg/L	101	100	1 %
		Bismuth	EPA 200.7	1201101-001	<0.100	0.960	0.957	1.00	mg/L	97	96	<1%
		Boron	EPA 200.7	1201101-001	1.45	2.46	2.39	1.00	mg/L	101	94	3 %
		Cadmium	EPA 200.7	1201101-001	<0.001	0.977	0.976	1.00	mg/L	98	98	<1%
		Calcium	EPA 200.7	1201101-001	2.48	12.6	12.4	10.0	mg/L	101	99	2 %
		Chromium	EPA 200.7	1201101-001	<0.005	0.930	0.928	1.00	mg/L	93	93	<1%
		Cobalt	EPA 200.7	1201101-001	<0.010	0.975	0.975	1.00	mg/L	98	98	<1%
		Copper	EPA 200.7	1201101-001	<0.050	4.93	4.95	5.00	mg/L	99	99	<1%
		Gallium	EPA 200.7	1201101-001	<0.100	0.883	0.883	1.00	mg/L	87	87	<1%
		Iron	EPA 200.7	1201101-001	0.100	1.08	1.08	1.00	mg/L	98	98	<1%
		Lithium	EPA 200.7	1201101-001	3.31	4.34	4.27	1.00	mg/L	103	96	2 %
		Magnesium	EPA 200.7	1201101-001	<0.500	10.1	10.1	10.0	mg/L	100	100	<1%
		Manganese	EPA 200.7	1201101-001	<0.005	0.962	0.962	1.00	mg/L	96	96	<1%
		Molybdenum	EPA 200.7	1201101-001	0.031	0.996	0.990	1.00	mg/L	97	96	1 %
		Nickel	EPA 200.7	1201101-001	<0.010	4.81	4.80	5.00	mg/L	96	96	<1%

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
		Phosphorus	EPA 200.7	1201101-001	<0.500	5.07	5.03	5.00	mg/L	99	98	1 %	
		Potassium	EPA 200.7	1201101-001	21.8	33.0	32.2	10.0	mg/L	112	104	2 %	
		Scandium	EPA 200.7	1201101-001	<0.100	0.953	0.942	1.00	mg/L	95	94	1 %	
		Silver	EPA 200.7	1201101-001	<0.005	0.086	0.085	0.090	mg/L	96	94	1 %	
		Sodium	EPA 200.7	1201101-001	135	SC	149	145	10.0	mg/L	NC	NC	NC
		Strontium	EPA 200.7	1201101-001	0.229	1.19	1.20	1.00	mg/L	96	97	1 %	
		Tin	EPA 200.7	1201101-001	<0.100	0.961	0.954	1.00	mg/L	96	96	1 %	
		Titanium	EPA 200.7	1201101-001	<0.100	0.978	0.980	1.00	mg/L	98	98	<1%	
		Vanadium	EPA 200.7	1201101-001	<0.010	0.969	0.968	1.00	mg/L	97	97	<1%	
		Zinc	EPA 200.7	1201101-001	<0.010	1.05	1.05	1.00	mg/L	105	105	<1%	



WETLAB
WESTERN ENVIRONMENTAL
TESTING LABORATORY

Specializing in Soil, Hazardous Waste and Water Analysis.

475 E. Greg Street #119 | Sparks, Nevada 89431

tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

Lab Number

1201095

Report

1/20/12

Due Date:

Page 1 of 1

Client McClelland Laboratories, Inc.

Address 1016 Greg Street

City, State & Zip Sparks, NV 89431

Contact Gene McClelland

Phone 775-356-1300 Collector's Name Robert

Fax 775-356-8917 Project Name

P.O. Number Project Number 3438-01

Email mli@mettest.com

Fax Results	Y	N	To: Client	Billing
Email Results	Y	N	To: Client	Billing
Compliance Monitoring	Y	N		
Fax Results to State EPA	Y	N		

DW = Drinking Water	SD = Solid
WW = Wastewater	SO = Soil
SW = Surface Water	HW = Hazardous Waste
MW = Monitoring Well	OTHER:

Copper Flat WK:16 01/06/12 9:00AM WW 2 X X

Billing Address (if different than Client Address):

Company SAME

Address

City, State & Zip

Contact

Phone

Fax

Email

Profile || Wro-WAD
Uranium

Sp.
No.

1201

5

095

1

Instructions/Comments/Special Requirements:

Temperature 19°C

116 15:35 0

Custody Seals Intact? Y N None

Number of Containers 9

To the maximum extent permitted by law, the Client agrees to limit the liability of WETLAB for the Client's damages to the total compensation received, unless other agreements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

12/23/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1112182

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 12/9/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Jennifer Diggs
QA Specialist

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1112182

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 12/23/2011

OrderID: 1112182

Customer Sample ID: Copper Flat WK:12

Collect Date/Time: 12/9/2011 09:00

WETLAB Sample ID: 1112182-001

Receive Date: 12/9/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.94	pH Units		12/9/2011
Bicarbonate (HCO ₃)	SM 2320B	86	mg/L	1.0	12/9/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	12/9/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	12/9/2011
Total Alkalinity	SM 2320B	70	mg/L as CaCO ₃	1.0	12/9/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	12/10/2011
Fluoride	EPA 300.0	1.7	mg/L	0.10	12/10/2011
Sulfate	EPA 300.0	53	mg/L	1.0	12/10/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	12/10/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	12/10/2011
Total Dissolved Solids (TDS)	SM 2540C	190	mg/L	10	12/13/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	12/20/2011
Barium	EPA 200.7	0.068	mg/L	0.010	12/20/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	12/20/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	12/20/2011
Calcium	EPA 200.7	39	mg/L	0.50	12/20/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	12/20/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	12/20/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	12/20/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	12/20/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Magnesium	EPA 200.7	6.7	mg/L	0.50	12/20/2011
Manganese	EPA 200.7	0.048	mg/L	0.0050	12/20/2011
Molybdenum	EPA 200.7	0.016	mg/L	0.010	12/20/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	12/20/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	12/20/2011
Potassium	EPA 200.7	5.0	mg/L	0.50	12/20/2011

Customer Sample ID: Copper Flat WK:12
WETLAB Sample ID: 1112182-001

Collect Date/Time: 12/9/2011 09:00
Receive Date: 12/9/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	12/20/2011
Sodium	EPA 200.7	0.89	mg/L	0.50	12/20/2011
Strontium	EPA 200.7	0.45	mg/L	0.10	12/20/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	12/20/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	12/20/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	12/20/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	12/21/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	12/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	12/21/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	12/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	12/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	12/21/2011
Uranium	EPA 200.8	0.025	mg/L	0.010	12/21/2011
Anions	Calculation	2.60	meq/L	0.10	
Cations	Calculation	2.67	meq/L	0.10	
Error	Calculation	1.2	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11120358	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11120358	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11120361	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11120361	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11120363	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120363	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120363	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11120365	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120365	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120365	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11120367	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11120367	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11120367	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11120462	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11120462	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11120554	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
QC11120629	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC11120327	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units	
QC11120327	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC11120327	LCS 3	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC11120329	LCS 1	Alkalinity	SM 2320B	92.7	100	93	mg/L	
QC11120329	LCS 2	Alkalinity	SM 2320B	93.0	100	93	mg/L	
QC11120358	LCS 1	Fluoride	EPA 300.0	1.99	2.00	100	mg/L	
QC11120361	LCS 1	Chloride	EPA 300.0	10.5	10.0	105	mg/L	
QC11120363	LCS 1	Nitrite Nitrogen	EPA 300.0	0.458	0.500	92	mg/L	
QC11120365	LCS 1	Nitrate Nitrogen	EPA 300.0	2.05	2.00	102	mg/L	
QC11120367	LCS 1	Sulfate	EPA 300.0	22.9	25.0	92	mg/L	
QC11120462	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L	
QC11120462	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	140	150	93	mg/L	
QC11120554	LCS 1	Aluminum	EPA 200.7	0.940	1.00	94	mg/L	
		Barium	EPA 200.7	0.933	1.00	93	mg/L	
		Beryllium	EPA 200.7	0.940	1.00	94	mg/L	
		Bismuth	EPA 200.7	0.953	1.00	95	mg/L	
		Boron	EPA 200.7	0.909	1.00	91	mg/L	
		Cadmium	EPA 200.7	0.942	1.00	94	mg/L	
		Calcium	EPA 200.7	9.61	10.0	96	mg/L	
		Chromium	EPA 200.7	0.918	1.00	92	mg/L	
		Cobalt	EPA 200.7	0.931	1.00	93	mg/L	
		Copper	EPA 200.7	4.50	5.00	90	mg/L	
		Gallium	EPA 200.7	0.939	1.00	94	mg/L	
		Iron	EPA 200.7	0.934	1.00	93	mg/L	
		Lithium	EPA 200.7	0.924	1.00	92	mg/L	
		Magnesium	EPA 200.7	9.22	10.0	92	mg/L	
		Manganese	EPA 200.7	0.948	1.00	95	mg/L	
		Molybdenum	EPA 200.7	0.926	1.00	93	mg/L	
		Nickel	EPA 200.7	4.68	5.00	94	mg/L	
		Phosphorus	EPA 200.7	4.69	5.00	94	mg/L	
		Potassium	EPA 200.7	9.41	10.0	94	mg/L	
		Scandium	EPA 200.7	0.923	1.00	92	mg/L	
		Silver	EPA 200.7	0.082	0.090	91	mg/L	
		Sodium	EPA 200.7	9.31	10.0	93	mg/L	
		Strontium	EPA 200.7	0.928	1.00	93	mg/L	
		Tin	EPA 200.7	0.917	1.00	92	mg/L	
		Titanium	EPA 200.7	0.908	1.00	91	mg/L	
		Vanadium	EPA 200.7	0.927	1.00	93	mg/L	
		Zinc	EPA 200.7	0.952	1.00	95	mg/L	
QC11120629	LCS 1	Mercury	EPA 200.8	0.000897	0.001	90	mg/L	
		Antimony	EPA 200.8	0.0106	0.010	106	mg/L	
		Arsenic	EPA 200.8	0.0554	0.050	111	mg/L	
		Lead	EPA 200.8	0.0094	0.010	94	mg/L	
		Selenium	EPA 200.8	0.0551	0.050	110	mg/L	
		Thallium	EPA 200.8	0.0092	0.010	92	mg/L	
		Uranium	EPA 200.8	0.0093	0.010	93	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11120327	Duplicate	pH	SM 4500-H+ B	1112168-001	6.98	7.01	pH Units	<1%
QC11120327	Duplicate	pH	SM 4500-H+ B	1112173-001	7.86	7.82	pH Units	1 %
QC11120327	Duplicate	pH	SM 4500-H+ B	1112177-001	7.12	7.10	pH Units	<1%
QC11120327	Duplicate	pH	SM 4500-H+ B	1112180-006	7.14	7.06	pH Units	1 %
QC11120327	Duplicate	pH	SM 4500-H+ B	1112183-002	7.42	7.47	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD		
QC11120329	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112168-001	55.7	55.9	mg/L	<1%		
		Carbonate (CO3)	SM 2320B	1112168-001	<1.000	<1.000	mg/L	<1%		
		Hydroxide (OH)	SM 2320B	1112168-001	<1.000	<1.000	mg/L	<1%		
		Total Alkalinity	SM 2320B	1112168-001	45.6	45.8	mg/L as CaCO3	<1%		
QC11120329	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112173-001	164	162	mg/L	1 %		
		Carbonate (CO3)	SM 2320B	1112173-001	<1.000	<1.000	mg/L	<1%		
		Hydroxide (OH)	SM 2320B	1112173-001	<1.000	<1.000	mg/L	<1%		
		Total Alkalinity	SM 2320B	1112173-001	134	133	mg/L as CaCO3	1 %		
QC11120329	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112177-001	3.71	3.71	mg/L	<1%		
		Carbonate (CO3)	SM 2320B	1112177-001	<1.000	<1.000	mg/L	<1%		
		Hydroxide (OH)	SM 2320B	1112177-001	<1.000	<1.000	mg/L	<1%		
		Total Alkalinity	SM 2320B	1112177-001	3.04	3.06	mg/L as CaCO3	1 %		
QC11120329	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112180-006	14.3	18.1	Q	mg/L	23 %	
		Carbonate (CO3)	SM 2320B	1112180-006	<1.000	<1.000	mg/L	<1%		
		Hydroxide (OH)	SM 2320B	1112180-006	<1.000	<1.000	mg/L	<1%		
		Total Alkalinity	SM 2320B	1112180-006	11.7	14.8	Q	mg/L as CaCO3	23 %	
QC11120329	Duplicate	Bicarbonate (HCO3)	SM 2320B	1112183-002	57.7	61.4	mg/L	6 %		
		Carbonate (CO3)	SM 2320B	1112183-002	<1.000	<1.000	mg/L	<1%		
		Hydroxide (OH)	SM 2320B	1112183-002	<1.000	<1.000	mg/L	<1%		
		Total Alkalinity	SM 2320B	1112183-002	47.3	50.3	mg/L as CaCO3	6 %		
QC11120462	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112180-001	647	649	mg/L	<1%		
QC11120462	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112181-001	1043	1026	mg/L	2 %		
QC11120462	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112190-001	764	748	mg/L	2 %		
QC11120462	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1112200-002	361	386	Q	mg/L	7 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120358	MS 1	Fluoride	EPA 300.0	1112180-011	0.325	2.34	2.30	2.00	mg/L	101	99	2 %
QC11120361	MS 1	Chloride	EPA 300.0	1112180-011	<1.000	5.40	5.46	5.00	mg/L	106	107	1 %
QC11120363	MS 1	Nitrite Nitrogen	EPA 300.0	1112180-001	<0.050	0.971	0.975	0.500	mg/L	97	98	<1%
QC11120363	MS 2	Nitrite Nitrogen	EPA 300.0	1112180-011	<0.025	0.497	0.502	0.500	mg/L	99	100	1 %
QC11120365	MS 1	Nitrate Nitrogen	EPA 300.0	1112180-001	<1.000	4.37	4.39	2.00	mg/L	107	108	<1%
QC11120365	MS 2	Nitrate Nitrogen	EPA 300.0	1112180-011	<1.000	2.12	2.14	2.00	mg/L	104	105	1 %
QC11120367	MS 1	Sulfate	EPA 300.0	1112180-001	473	18.2	17.9	10.0	mg/L	94	91	2 %
QC11120367	MS 2	Sulfate	EPA 300.0	1112180-011	5.62	15.9	15.8	10.0	mg/L	102	102	1 %
QC11120554	MS 1	Aluminum, Dissolved	EPA 200.7	1112284-001	<0.045	0.972	0.974	1.00	mg/L	95	96	<1%
		Barium, Dissolved	EPA 200.7	1112284-001	0.013	0.971	0.982	1.00	mg/L	96	97	1 %
		Beryllium, Dissolved	EPA 200.7	1112284-001	<0.001	0.946	0.960	1.00	mg/L	95	96	1 %
		Bismuth, Dissolved	EPA 200.7	1112284-001	<0.100	0.965	0.976	1.00	mg/L	96	97	1 %
		Boron, Dissolved	EPA 200.7	1112284-001	<0.100	0.961	0.978	1.00	mg/L	93	95	2 %
		Cadmium, Dissolved	EPA 200.7	1112284-001	<0.001	0.948	0.960	1.00	mg/L	95	96	1 %
		Calcium, Dissolved	EPA 200.7	1112284-001	11.0	20.3	20.4	10.0	mg/L	93	94	<1%
		Chromium, Dissolved	EPA 200.7	1112284-001	<0.005	0.953	0.961	1.00	mg/L	95	96	1 %
		Cobalt, Dissolved	EPA 200.7	1112284-001	<0.010	0.962	0.975	1.00	mg/L	96	97	1 %
		Copper, Dissolved	EPA 200.7	1112284-001	<0.050	4.83	4.87	5.00	mg/L	97	97	1 %
		Gallium, Dissolved	EPA 200.7	1112284-001	<0.100	0.953	0.964	1.00	mg/L	95	96	1 %
		Iron, Dissolved	EPA 200.7	1112284-001	0.022	0.989	1.00	1.00	mg/L	97	98	1 %
		Lithium, Dissolved	EPA 200.7	1112284-001	<0.100	0.962	0.967	1.00	mg/L	96	96	1 %
		Magnesium, Dissolved	EPA 200.7	1112284-001	1.82	11.0	11.2	10.0	mg/L	92	94	2 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11120629	MS 1	Manganese, Dissolved	EPA 200.7	1112284-001	<0.005	0.939	0.950	1.00	mg/L	94	95	1 %
		Molybdenum, Dissolved	EPA 200.7	1112284-001	<0.010	0.943	0.948	1.00	mg/L	94	95	1 %
		Nickel, Dissolved	EPA 200.7	1112284-001	<0.010	4.78	4.84	5.00	mg/L	96	97	1 %
		Phosphorus, Dissolved	EPA 200.7	1112284-001	<0.500	4.87	4.91	5.00	mg/L	95	96	1 %
		Potassium, Dissolved	EPA 200.7	1112284-001	<2.500	10.5	10.5	10.0	mg/L	103	103	<1%
		Scandium, Dissolved	EPA 200.7	1112284-001	<0.100	0.957	0.966	1.00	mg/L	96	97	1 %
		Silver, Dissolved	EPA 200.7	1112284-001	<0.005	0.085	0.086	0.090	mg/L	96	97	1 %
		Sodium, Dissolved	EPA 200.7	1112284-001	8.25	17.8	17.8	10.0	mg/L	96	96	<1%
		Strontium, Dissolved	EPA 200.7	1112284-001	<0.100	1.05	1.06	1.00	mg/L	97	98	1 %
		Tin, Dissolved	EPA 200.7	1112284-001	<0.100	0.885	0.890	1.00	mg/L	91	91	1 %
		Titanium, Dissolved	EPA 200.7	1112284-001	<0.100	0.967	0.972	1.00	mg/L	97	97	1 %
		Vanadium, Dissolved	EPA 200.7	1112284-001	<0.010	0.958	0.969	1.00	mg/L	96	97	1 %
		Zinc, Dissolved	EPA 200.7	1112284-001	<0.010	0.967	0.980	1.00	mg/L	96	98	1 %
		Uranium, Dissolved	EPA 200.8	1112284-001	<0.0100	0.0108	0.0110	0.010	mg/L	108	110	2 %
		Mercury, Dissolved	EPA 200.8	1112284-001	<0.00010	0.001057	0.001100	0.001	mg/L	106	110	4 %
		Antimony, Dissolved	EPA 200.8	1112284-001	<0.0025	0.0103	0.0104	0.010	mg/L	103	104	1 %
		Arsenic, Dissolved	EPA 200.8	1112284-001	<0.0050	0.0519	0.0508	0.050	mg/L	104	102	2 %
		Lead, Dissolved	EPA 200.8	1112284-001	<0.0025	0.0110	0.0112	0.010	mg/L	110	112	2 %
		Selenium, Dissolved	EPA 200.8	1112284-001	<0.0050	0.0494	0.0490	0.050	mg/L	99	98	1 %
		Thallium, Dissolved	EPA 200.8	1112284-001	<0.0010	0.0107	0.0109	0.010	mg/L	107	109	2 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

12/6/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1111214

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 11/11/2011. Additional comments are located on page 2 of this report.

This is an amended report. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Jennifer Diggs
QA Specialist

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1111214

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 12/6/2011

OrderID: 1111214

Customer Sample ID: Copper Flat WK:8

Collect Date/Time: 11/11/2011 09:00

WETLAB Sample ID: 1111214-001

Receive Date: 11/11/2011 14:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.92	pH Units		11/11/2011
Bicarbonate (HCO ₃)	SM 2320B	77	mg/L	1.0	11/11/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	11/11/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	11/11/2011
Total Alkalinity	SM 2320B	63	mg/L as CaCO ₃	1.0	11/11/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	11/12/2011
Fluoride	EPA 300.0	1.6	mg/L	0.10	11/12/2011
Sulfate	EPA 300.0	76	mg/L	1.0	11/12/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	11/12/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	11/12/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	11/14/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	11/22/2011
Barium	EPA 200.7	0.050	mg/L	0.010	11/22/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	11/22/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	11/22/2011
Calcium	EPA 200.7	42	mg/L	0.50	11/22/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	11/22/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	11/22/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	11/22/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	11/22/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Magnesium	EPA 200.7	6.8	mg/L	0.50	11/22/2011
Manganese	EPA 200.7	0.047	mg/L	0.0050	11/22/2011
Molybdenum	EPA 200.7	0.019	mg/L	0.010	11/22/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	11/22/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	11/22/2011
Potassium	EPA 200.7	6.8	mg/L	0.50	11/22/2011

Customer Sample ID: Copper Flat WK:8
WETLAB Sample ID: 1111214-001

Collect Date/Time: 11/11/2011 09:00
Receive Date: 11/11/2011 14:50

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	11/22/2011
Sodium	EPA 200.7	1.3	mg/L	0.50	11/22/2011
Strontium	EPA 200.7	0.60	mg/L	0.10	11/22/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	11/22/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	11/22/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	11/22/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	11/28/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	11/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	11/28/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	11/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	11/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	11/28/2011
Uranium	EPA 200.8	0.032	mg/L	0.010	11/28/2011
Anions	Calculation	2.93	meq/L	0.10	
Cations	Calculation	2.89	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11110407	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11110407	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11110407	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11110413	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11110413	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11110413	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11110415	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110415	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110415	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11110420	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110420	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110420	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11110424	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11110424	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11110532	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110532	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110532	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110532	Blank 4	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11110725	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L
		Barium, Dissolved	EPA 200.7	<0.010	mg/L
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L
		Boron, Dissolved	EPA 200.7	<0.10	mg/L
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L
		Copper, Dissolved	EPA 200.7	<0.050	mg/L
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L
		Iron, Dissolved	EPA 200.7	<0.010	mg/L
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L
		Tin, Dissolved	EPA 200.7	<0.10	mg/L
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L
		Zinc, Dissolved	EPA 200.7	<0.0050	mg/L
QC11110776	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units		
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L		
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L		
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11110399	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11110399	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11110399	LCS 3	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11110399	LCS 4	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11110399	LCS 5	pH	SM 4500-H+ B	7.02	7.00	100	pH Units
QC11110402	LCS 1	Alkalinity	SM 2320B	93.0	100	93	mg/L
QC11110402	LCS 2	Alkalinity	SM 2320B	93.6	100	94	mg/L
QC11110402	LCS 3	Alkalinity	SM 2320B	93.4	100	93	mg/L
QC11110402	LCS 4	Alkalinity	SM 2320B	93.8	100	94	mg/L
QC11110402	LCS 5	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC11110407	LCS 1	Fluoride	EPA 300.0	2.19	2.00	110	mg/L
QC11110413	LCS 1	Chloride	EPA 300.0	9.77	10.0	98	mg/L
QC11110415	LCS 1	Nitrite Nitrogen	EPA 300.0	0.509	0.500	102	mg/L
QC11110420	LCS 1	Nitrate Nitrogen	EPA 300.0	1.96	2.00	98	mg/L
QC11110424	LCS 1	Sulfate	EPA 300.0	26.0	25.0	104	mg/L
QC11110532	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	139	150	92	mg/L
QC11110532	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	143	150	95	mg/L
QC11110532	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	155	150	103	mg/L
QC11110532	LCS 4	Total Dissolved Solids (TDS)	SM 2540C	152	150	101	mg/L
QC11110725	LCS 1	Aluminum	EPA 200.7	1.02	1.00	102	mg/L
		Barium	EPA 200.7	0.959	1.00	96	mg/L
		Beryllium	EPA 200.7	0.949	1.00	95	mg/L
		Bismuth	EPA 200.7	0.972	1.00	97	mg/L
		Boron	EPA 200.7	0.916	1.00	92	mg/L
		Cadmium	EPA 200.7	0.933	1.00	93	mg/L
		Calcium	EPA 200.7	9.21	10.0	92	mg/L
		Chromium	EPA 200.7	0.943	1.00	94	mg/L
		Cobalt	EPA 200.7	0.937	1.00	94	mg/L
		Copper	EPA 200.7	4.76	5.00	95	mg/L
		Gallium	EPA 200.7	0.975	1.00	98	mg/L
		Iron	EPA 200.7	0.937	1.00	94	mg/L
		Lithium	EPA 200.7	0.923	1.00	92	mg/L
		Magnesium	EPA 200.7	9.03	10.0	90	mg/L
		Manganese	EPA 200.7	0.943	1.00	94	mg/L
		Molybdenum	EPA 200.7	0.911	1.00	91	mg/L
		Nickel	EPA 200.7	4.70	5.00	94	mg/L
		Phosphorus	EPA 200.7	4.57	5.00	91	mg/L
		Potassium	EPA 200.7	9.38	10.0	94	mg/L
		Scandium	EPA 200.7	0.973	1.00	97	mg/L
		Silver	EPA 200.7	0.085	0.090	95	mg/L
		Sodium	EPA 200.7	10.1	10.0	101	mg/L
		Strontium	EPA 200.7	1.03	1.00	103	mg/L
		Tin	EPA 200.7	0.868	1.00	87	mg/L
		Titanium	EPA 200.7	0.930	1.00	93	mg/L
		Vanadium	EPA 200.7	0.954	1.00	95	mg/L
		Zinc	EPA 200.7	0.921	1.00	92	mg/L
QC11110776	LCS 1	Mercury	EPA 200.8	0.001116	0.001	112	mg/L
		Antimony	EPA 200.8	0.0112	0.010	112	mg/L
		Arsenic	EPA 200.8	0.0531	0.050	106	mg/L
		Lead	EPA 200.8	0.0112	0.010	112	mg/L
		Selenium	EPA 200.8	0.0538	0.050	108	mg/L
		Thallium	EPA 200.8	0.0110	0.010	110	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
		Uranium	EPA 200.8	0.0112	0.010	112	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11110399	Duplicate	pH	SM 4500-H+ B	1111200-001	6.90	6.93	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111201-002	8.04	8.05	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111202-002	8.48	8.51	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111206-003	7.39	7.37	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111206-013	7.35	7.37	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111215-003	7.74	7.79	pH Units	1 %
QC11110399	Duplicate	pH	SM 4500-H+ B	1111220-003	7.63	7.56	pH Units	1 %
QC11110399	Duplicate	pH	SM 4500-H+ B	1111211-004	8.05	7.96	pH Units	1 %
QC11110399	Duplicate	pH	SM 4500-H+ B	1111211-014	8.34	8.33	pH Units	<1%
QC11110399	Duplicate	pH	SM 4500-H+ B	1111211-024	7.86	7.81	pH Units	1 %
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111200-001	143	144	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1111200-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111200-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111200-001	117	118	mg/L as CaCO ₃	<1%
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111201-002	116	114	mg/L	1 %
		Carbonate (CO ₃)	SM 2320B	1111201-002	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111201-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111201-002	95.0	93.6	mg/L as CaCO ₃	1 %
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111202-002	251	250	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1111202-002	9.05	10.0	mg/L	10 %
		Hydroxide (OH)	SM 2320B	1111202-002	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111202-002	221	222	mg/L as CaCO ₃	<1%
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111206-003	95.5	93.8	mg/L	2 %
		Carbonate (CO ₃)	SM 2320B	1111206-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111206-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111206-003	78.3	77.0	mg/L as CaCO ₃	2 %
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111206-013	147	148	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1111206-013	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111206-013	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111206-013	121	121	mg/L as CaCO ₃	<1%
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111215-003	37.1	35.5	mg/L	4 %
		Carbonate (CO ₃)	SM 2320B	1111215-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111215-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111215-003	30.4	29.1	mg/L as CaCO ₃	4 %
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111220-003	354	353	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1111220-003	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111220-003	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1111220-003	290	289	mg/L as CaCO ₃	<1%
QC11110402	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1111211-004	311	312	mg/L	<1%
		Carbonate (CO ₃)	SM 2320B	1111211-004	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1111211-004	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC11110402	Duplicate	Total Alkalinity	SM 2320B	1111211-004	255	256	mg/L as CaCO3	<1%				
		Bicarbonate (HCO3)	SM 2320B	1111211-014	291	293	mg/L	1 %				
		Carbonate (CO3)	SM 2320B	1111211-014	2.95	2.49	mg/L	17 %				
		Hydroxide (OH)	SM 2320B	1111211-014	<1.000	<1.000	mg/L	<1%				
QC11110402	Duplicate	Total Alkalinity	SM 2320B	1111211-014	243	244	mg/L as CaCO3	<1%				
		Bicarbonate (HCO3)	SM 2320B	1111211-024	196	202	mg/L	3 %				
		Carbonate (CO3)	SM 2320B	1111211-024	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1111211-024	<1.000	<1.000	mg/L	<1%				
QC11110532	Duplicate	Total Alkalinity	SM 2320B	1111211-024	161	165	mg/L as CaCO3	3 %				
		Total Dissolved Solids (TDS)	SM 2540C	1111200-001	150	160	mg/L	6 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111201-002	247	253	mg/L	2 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111202-001	1616	1584	mg/L	2 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111206-008	238	249	mg/L	5 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111208-001	187	179	mg/L	4 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111215-004	121	100	Q mg/L	19 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111219-003	1428	1412	mg/L	1 %				
QC11110532	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1111167-006		Q, HT mg/L	mg/L	5 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11110407	MS 1	Fluoride	EPA 300.0	1111215-001	0.102	2.33	2.34	2.00	mg/L	111	112	<1%
QC11110407	MS 2	Fluoride	EPA 300.0	1111215-011	0.134	2.39	2.38	2.00	mg/L	113	112	<1%
QC11110413	MS 1	Chloride	EPA 300.0	1111215-001	<1.000	5.25	5.28	5.00	mg/L	100	100	1 %
QC11110413	MS 2	Chloride	EPA 300.0	1111215-011	<1.000	5.20	5.18	5.00	mg/L	100	100	<1%
QC11110415	MS 1	Nitrite Nitrogen	EPA 300.0	1111195-003	<0.025	0.531	0.540	0.500	mg/L	106	108	2 %
QC11110415	MS 2	Nitrite Nitrogen	EPA 300.0	1111208-001	<0.025	0.591	0.591	0.500	mg/L	118	118	<1%
QC11110420	MS 1	Nitrate Nitrogen	EPA 300.0	1111195-003	<1.000	2.05	2.10	2.00	mg/L	102	104	2 %
QC11110420	MS 2	Nitrate Nitrogen	EPA 300.0	1111208-001	1.54	3.60	3.63	2.00	mg/L	103	104	1 %
QC11110424	MS 1	Sulfate	EPA 300.0	1111215-011	2.15	12.0	12.0	10.0	mg/L	99	98	<1%
QC11110725	MS 1	Aluminum, Dissolved	EPA 200.7	1111219-001	70.8	SC 71.4	67.6	1.00	mg/L	NC	NC	NC
		Barium, Dissolved	EPA 200.7	1111219-001	0.024	0.754	0.752	1.00	mg/L	73	73	<1%
		Beryllium, Dissolved	EPA 200.7	1111219-001	0.017	0.752	0.749	1.00	mg/L	74	73	<1%
		Bismuth, Dissolved	EPA 200.7	1111219-001	<0.100	0.798	0.795	1.00	mg/L	74	74	<1%
		Boron, Dissolved	EPA 200.7	1111219-001	0.148	M 0.842	0.828	1.00	mg/L	NC	NC	NC
		Cadmium, Dissolved	EPA 200.7	1111219-001	0.226	0.934	0.918	1.00	mg/L	71	69	2 %
		Calcium, Dissolved	EPA 200.7	1111219-001	193	SC 194	187	10.0	mg/L	NC	NC	NC
		Chromium, Dissolved	EPA 200.7	1111219-001	0.114	0.833	0.824	1.00	mg/L	72	71	1 %
		Cobalt, Dissolved	EPA 200.7	1111219-001	0.072	0.775	0.763	1.00	mg/L	70	69	2 %
		Copper, Dissolved	EPA 200.7	1111219-001	0.478	4.57	4.53	5.00	mg/L	82	81	1 %
		Gallium, Dissolved	EPA 200.7	1111219-001	<0.100	M 0.764	0.759	1.00	mg/L	NC	NC	NC
		Iron, Dissolved	EPA 200.7	1111219-001	532	SC 513	524	1.00	mg/L	NC	NC	NC
		Lithium, Dissolved	EPA 200.7	1111219-001	<0.100	0.919	0.915	1.00	mg/L	84	83	<1%
		Magnesium, Dissolved	EPA 200.7	1111219-001	66.8	SC 71.1	67.8	10.0	mg/L	NC	NC	NC
		Manganese, Dissolved	EPA 200.7	1111219-001	1.03	1.75	1.69	1.00	mg/L	72	66	3 %
		Molybdenum, Dissolved	EPA 200.7	1111219-001	0.269	1.03	1.00	1.00	mg/L	76	73	3 %
		Nickel, Dissolved	EPA 200.7	1111219-001	0.686	4.25	4.20	5.00	mg/L	71	70	1 %
		Phosphorus, Dissolved	EPA 200.7	1111219-001	1.10	4.75	4.64	5.00	mg/L	73	71	2 %
		Potassium, Dissolved	EPA 200.7	1111219-001	14.9	22.9	22.0	10.0	mg/L	80	71	4 %
		Scandium, Dissolved	EPA 200.7	1111219-001	<0.100	0.761	0.760	1.00	mg/L	76	76	<1%
		Silver, Dissolved	EPA 200.7	1111219-001	<0.005	0.065	0.063	0.090	mg/L	77	76	3 %
		Sodium, Dissolved	EPA 200.7	1111219-001	44.9	52.4	50.5	10.0	mg/L	75	56	4 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11110776	MS 1	Strontium, Dissolved	EPA 200.7	1111219-001	0.607	1.42	1.41	1.00	mg/L	81	80	1 %
		Tin, Dissolved	EPA 200.7	1111219-001	<0.100	0.630	0.600	1.00	mg/L	73	70	5 %
		Titanium, Dissolved	EPA 200.7	1111219-001	<0.100	0.812	0.802	1.00	mg/L	81	80	1 %
		Vanadium, Dissolved	EPA 200.7	1111219-001	6.86	7.61	7.21	1.00	mg/L	75	35	5 %
		Zinc, Dissolved	EPA 200.7	1111219-001	12.3	SC 12.8	12.1	1.00	mg/L	NC	NC	NC
		Uranium, Dissolved	EPA 200.8	1111219-001	0.8626	SC 0.8180	0.8398	0.010	mg/L	NC	NC	NC
		Mercury, Dissolved	EPA 200.8	1111219-001	<0.00010	0.001118	0.001138	0.001	mg/L	112	113	2 %
		Antimony, Dissolved	EPA 200.8	1111219-001	0.0161	0.0261	0.0266	0.010	mg/L	100	104	2 %
		Arsenic, Dissolved	EPA 200.8	1111219-001	0.2851	0.3215	0.3241	0.050	mg/L	73	78	1 %
		Lead, Dissolved	EPA 200.8	1111219-001	0.0308	0.0412	0.0421	0.010	mg/L	104	113	2 %
		Selenium, Dissolved	EPA 200.8	1111219-001	0.0348	0.0903	0.0902	0.050	mg/L	111	111	<1%
		Thallium, Dissolved	EPA 200.8	1111219-001	0.0915	0.1015	0.1016	0.010	mg/L	100	102	<1%



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

12/9/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1110250

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 10/14/2011. Additional comments are located on page 2 of this report.

This is an amended report that includes the result for Uranium. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1110250

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438-01

Date Printed: 12/9/2011**OrderID:** 1110250**Customer Sample ID:** Copper Flat WK:4**Collect Date/Time:** 10/14/2011 09:00**WETLAB Sample ID:** 1110250-001**Receive Date:** 10/14/2011 14:40**PROFILE II**

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.55	pH Units		10/14/2011
Bicarbonate (HCO ₃)	SM 2320B	69	mg/L	1.0	10/14/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/14/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/14/2011
Total Alkalinity	SM 2320B	57	mg/L as CaCO ₃	1.0	10/14/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/15/2011
Fluoride	EPA 300.0	1.5	mg/L	0.10	10/15/2011
Sulfate	EPA 300.0	110	mg/L	1.0	10/15/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/15/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/15/2011
Total Dissolved Solids (TDS)	SM 2540C	230	mg/L	10	10/17/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/21/2011
Barium	EPA 200.7	0.072	mg/L	0.010	10/21/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/21/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/21/2011
Calcium	EPA 200.7	53	mg/L	0.50	10/21/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/21/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/21/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/21/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/21/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Magnesium	EPA 200.7	7.3	mg/L	0.50	10/21/2011
Manganese	EPA 200.7	0.043	mg/L	0.0050	10/21/2011
Molybdenum	EPA 200.7	0.018	mg/L	0.010	10/21/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/21/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/21/2011
Potassium	EPA 200.7	13	mg/L	0.50	10/21/2011

Customer Sample ID: Copper Flat WK:4
WETLAB Sample ID: 1110250-001

Collect Date/Time: 10/14/2011 09:00

Receive Date: 10/14/2011 14:40

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/21/2011
Sodium	EPA 200.7	1.8	mg/L	0.50	10/21/2011
Strontium	EPA 200.7	0.67	mg/L	0.10	10/21/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/21/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/21/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/21/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/21/2011
Antimony	EPA 200.8	<0.0010	mg/L	0.0010	10/21/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/21/2011
Lead	EPA 200.8	<0.0010	mg/L	0.0010	10/21/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/21/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/21/2011
Uranium	EPA 200.8	0.028	mg/L	0.010	10/21/2011
Anions	Calculation	3.50	meq/L	0.10	
Cations	Calculation	3.66	meq/L	0.10	
Error	Calculation	2.2	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units	
QC11100500	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L	
QC11100500	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L	
QC11100500	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L	
QC11100503	Blank 1	Chloride	EPA 300.0	<1.0	mg/L	
QC11100503	Blank 2	Chloride	EPA 300.0	<1.0	mg/L	
QC11100505	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	
QC11100505	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	
QC11100505	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	
QC11100508	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	
QC11100508	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	
QC11100512	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L	
QC11100512	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L	
QC11100628	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	
QC11100628	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	
QC11100628	Blank 3	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L	
QC11100744	Blank 1	Aluminum, Dissolved	EPA 200.7	<0.045	mg/L	
		Barium, Dissolved	EPA 200.7	<0.010	mg/L	
		Beryllium, Dissolved	EPA 200.7	<0.0010	mg/L	
		Bismuth, Dissolved	EPA 200.7	<0.10	mg/L	
		Boron, Dissolved	EPA 200.7	<0.10	mg/L	
		Cadmium, Dissolved	EPA 200.7	<0.0010	mg/L	
		Calcium, Dissolved	EPA 200.7	<0.50	mg/L	
		Chromium, Dissolved	EPA 200.7	<0.0050	mg/L	
		Cobalt, Dissolved	EPA 200.7	<0.010	mg/L	
		Copper, Dissolved	EPA 200.7	<0.050	mg/L	
		Gallium, Dissolved	EPA 200.7	<0.10	mg/L	
		Iron, Dissolved	EPA 200.7	<0.010	mg/L	
		Lithium, Dissolved	EPA 200.7	<0.10	mg/L	
		Magnesium, Dissolved	EPA 200.7	<0.50	mg/L	
		Manganese, Dissolved	EPA 200.7	<0.0050	mg/L	
		Molybdenum, Dissolved	EPA 200.7	<0.010	mg/L	
		Nickel, Dissolved	EPA 200.7	<0.010	mg/L	
		Phosphorus, Dissolved	EPA 200.7	<0.50	mg/L	
		Potassium, Dissolved	EPA 200.7	<0.50	mg/L	
		Scandium, Dissolved	EPA 200.7	<0.10	mg/L	
		Silver, Dissolved	EPA 200.7	<0.0050	mg/L	
		Sodium, Dissolved	EPA 200.7	<0.50	mg/L	
		Strontium, Dissolved	EPA 200.7	<0.10	mg/L	
		Tin, Dissolved	EPA 200.7	<0.10	mg/L	
		Titanium, Dissolved	EPA 200.7	<0.10	mg/L	
		Vanadium, Dissolved	EPA 200.7	<0.010	mg/L	
		Zinc, Dissolved	EPA 200.7	<0.010	mg/L	
QC11100761	Blank 1	Uranium, Dissolved	EPA 200.8	<0.010	mg/L	
		Mercury, Dissolved	EPA 200.8	<0.00010	mg/L	
		Antimony, Dissolved	EPA 200.8	<0.0025	mg/L	
		Arsenic, Dissolved	EPA 200.8	<0.0050	mg/L	
		Lead, Dissolved	EPA 200.8	<0.0025	mg/L	
		Selenium, Dissolved	EPA 200.8	<0.0050	mg/L	
		Thallium, Dissolved	EPA 200.8	<0.0010	mg/L	

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11100491	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100491	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11100491	LCS 3	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11100491	LCS 4	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11100496	LCS 1	Alkalinity	SM 2320B	94.3	100	94	mg/L
QC11100496	LCS 2	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC11100496	LCS 3	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC11100496	LCS 4	Alkalinity	SM 2320B	94.8	100	95	mg/L
QC11100500	LCS 1	Fluoride	EPA 300.0	2.06	2.00	103	mg/L
QC11100503	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L
QC11100505	LCS 1	Nitrite Nitrogen	EPA 300.0	0.488	0.500	98	mg/L
QC11100508	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L
QC11100512	LCS 1	Sulfate	EPA 300.0	22.7	25.0	91	mg/L
QC11100628	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	143	150	95	mg/L
QC11100628	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	141	150	94	mg/L
QC11100628	LCS 3	Total Dissolved Solids (TDS)	SM 2540C	151	150	100	mg/L
QC11100744	LCS 1	Aluminum	EPA 200.7	0.959	1.00	96	mg/L
		Barium	EPA 200.7	0.974	1.00	97	mg/L
		Beryllium	EPA 200.7	0.974	1.00	97	mg/L
		Bismuth	EPA 200.7	0.990	1.00	99	mg/L
		Boron	EPA 200.7	0.953	1.00	95	mg/L
		Cadmium	EPA 200.7	0.983	1.00	98	mg/L
		Calcium	EPA 200.7	9.78	10.0	98	mg/L
		Chromium	EPA 200.7	0.961	1.00	96	mg/L
		Cobalt	EPA 200.7	0.976	1.00	98	mg/L
		Copper	EPA 200.7	4.70	5.00	94	mg/L
		Gallium	EPA 200.7	0.967	1.00	97	mg/L
		Iron	EPA 200.7	0.953	1.00	95	mg/L
		Lithium	EPA 200.7	0.941	1.00	94	mg/L
		Magnesium	EPA 200.7	9.66	10.0	97	mg/L
		Manganese	EPA 200.7	0.966	1.00	97	mg/L
		Molybdenum	EPA 200.7	0.974	1.00	97	mg/L
		Nickel	EPA 200.7	4.89	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.92	5.00	98	mg/L
		Potassium	EPA 200.7	9.80	10.0	98	mg/L
		Scandium	EPA 200.7	0.958	1.00	96	mg/L
		Silver	EPA 200.7	0.085	0.090	95	mg/L
		Sodium	EPA 200.7	9.89	10.0	99	mg/L
		Strontium	EPA 200.7	0.982	1.00	98	mg/L
		Tin	EPA 200.7	0.957	1.00	96	mg/L
		Titanium	EPA 200.7	0.948	1.00	95	mg/L
		Vanadium	EPA 200.7	0.965	1.00	96	mg/L
		Zinc	EPA 200.7	0.998	1.00	100	mg/L
QC11100761	LCS 1	Mercury	EPA 200.8	0.000912	0.001	91	mg/L
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L
		Arsenic	EPA 200.8	0.0487	0.050	97	mg/L
		Lead	EPA 200.8	0.0100	0.010	100	mg/L
		Selenium	EPA 200.8	0.0475	0.050	95	mg/L
		Thallium	EPA 200.8	0.0098	0.010	98	mg/L
		Uranium	EPA 200.8	0.0098	0.010	98	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11100491	Duplicate	pH	SM 4500-H+ B	1110229-001	7.60	7.57	pH Units	<1%
QC11100491	Duplicate	pH	SM 4500-H+ B	1110233-002	8.14	8.14	pH Units	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD	
QC11100491	Duplicate	pH	SM 4500-H+ B	1110238-006	2.92	2.93	pH Units	<1%	
QC11100491	Duplicate	pH	SM 4500-H+ B	1110235-009	8.60	8.63	pH Units	<1%	
QC11100491	Duplicate	pH	SM 4500-H+ B	1110247-005	7.51	7.47	pH Units	1 %	
QC11100491	Duplicate	pH	SM 4500-H+ B	1110244-001	7.26	6.88	Q	pH Units	5 %
QC11100491	Duplicate	pH	SM 4500-H+ B	1110244-011	7.40	7.44		pH Units	1 %
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110229-001	256	256	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1110229-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110229-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110229-001	210	210	mg/L as CaCO ₃	<1%	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110233-002	113	111	mg/L	2 %	
		Carbonate (CO ₃)	SM 2320B	1110233-002	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110233-002	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110233-002	92.4	91.0	mg/L as CaCO ₃	2 %	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110235-001	114	113	mg/L	1 %	
		Carbonate (CO ₃)	SM 2320B	1110235-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110235-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110235-001	93.1	92.3	mg/L as CaCO ₃	1 %	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110235-009	82.2	85.0	mg/L	3 %	
		Carbonate (CO ₃)	SM 2320B	1110235-009	4.28	4.82	mg/L	12 %	
		Hydroxide (OH)	SM 2320B	1110235-009	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110235-009	74.5	77.7	mg/L as CaCO ₃	4 %	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110247-005	503	504	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1110247-005	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110247-005	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110247-005	412	413	mg/L as CaCO ₃	<1%	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110244-001	20.5	135	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1110244-001	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110244-001	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110244-001	16.8	15.0	mg/L as CaCO ₃	12 %	
QC11100496	Duplicate	Bicarbonate (HCO ₃)	SM 2320B	1110244-011	134	135	mg/L	<1%	
		Carbonate (CO ₃)	SM 2320B	1110244-011	<1.000	<1.000	mg/L	<1%	
		Hydroxide (OH)	SM 2320B	1110244-011	<1.000	<1.000	mg/L	<1%	
		Total Alkalinity	SM 2320B	1110244-011	110	110	mg/L as CaCO ₃	<1%	
QC11100628	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110235-001	237	220	Q	mg/L	7 %
QC11100628	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110235-011	1984	2072		mg/L	4 %
QC11100628	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110244-002	486	499	mg/L	3 %	
QC11100628	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110250-001	234	230	mg/L	2 %	
QC11100628	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110184-001	38.0	40.0	mg/L	5 %	

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11100500	MS 1	Fluoride	EPA 300.0	1110229-003	<0.200	4.54	4.50	2.00	mg/L	110	108	1 %
QC11100500	MS 2	Fluoride	EPA 300.0	1110247-001	3.44	7.43	7.46	2.00	mg/L	100	101	<1%
QC11100503	MS 1	Chloride	EPA 300.0	1110247-001	28.1	38.0	38.0	5.00	mg/L	99	99	<1%
QC11100505	MS 1	Nitrite Nitrogen	EPA 300.0	1110246-001	<0.050	0.986	0.980	0.500	mg/L	99	98	1 %
QC11100505	MS 2	Nitrite Nitrogen	EPA 300.0	1110246-011	<0.050	1.05	1.00	0.500	mg/L	105	100	5 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11100508	MS 1	Nitrate Nitrogen	EPA 300.0	1110247-001	<1.000	4.41	4.46	2.00	mg/L	107	108	1 %
QC11100512	MS 1	Sulfate	EPA 300.0	1110247-001	63.9	84.2	84.5	10.0	mg/L	102	103	<1%
QC11100744	MS 1	Aluminum, Dissolved	EPA 200.7	1110210-002	<0.045	0.951	0.961	1.00	mg/L	94	95	1 %
		Barium, Dissolved	EPA 200.7	1110210-002	0.072	1.02	1.02	1.00	mg/L	95	95	<1%
		Beryllium, Dissolved	EPA 200.7	1110210-002	<0.001	0.947	0.948	1.00	mg/L	95	95	<1%
		Bismuth, Dissolved	EPA 200.7	1110210-002	<0.100	0.951	0.951	1.00	mg/L	95	95	<1%
		Boron, Dissolved	EPA 200.7	1110210-002	<0.100	1.04	1.05	1.00	mg/L	95	96	1 %
		Cadmium, Dissolved	EPA 200.7	1110210-002	<0.001	0.953	0.941	1.00	mg/L	95	94	1 %
		Calcium, Dissolved	EPA 200.7	1110210-002	19.1	28.9	28.1	10.0	mg/L	98	90	3 %
		Chromium, Dissolved	EPA 200.7	1110210-002	<0.005	0.937	0.938	1.00	mg/L	94	94	<1%
		Cobalt, Dissolved	EPA 200.7	1110210-002	<0.010	0.960	0.949	1.00	mg/L	96	95	1 %
		Copper, Dissolved	EPA 200.7	1110210-002	<0.050	4.73	4.79	5.00	mg/L	95	96	1 %
		Gallium, Dissolved	EPA 200.7	1110210-002	<0.100	0.948	0.955	1.00	mg/L	95	95	1 %
		Iron, Dissolved	EPA 200.7	1110210-002	2.29	3.29	3.24	1.00	mg/L	100	95	2 %
		Lithium, Dissolved	EPA 200.7	1110210-002	<0.100	0.927	0.904	1.00	mg/L	93	90	3 %
		Magnesium, Dissolved	EPA 200.7	1110210-002	4.61	13.8	13.6	10.0	mg/L	92	90	1 %
		Manganese, Dissolved	EPA 200.7	1110210-002	0.838	1.79	1.76	1.00	mg/L	95	92	2 %
		Molybdenum, Dissolved	EPA 200.7	1110210-002	<0.010	0.949	0.942	1.00	mg/L	95	94	1 %
		Nickel, Dissolved	EPA 200.7	1110210-002	<0.010	4.76	4.71	5.00	mg/L	95	94	1 %
		Phosphorus, Dissolved	EPA 200.7	1110210-002	<0.500	4.86	4.84	5.00	mg/L	95	95	<1%
		Potassium, Dissolved	EPA 200.7	1110210-002	6.11	15.8	15.8	10.0	mg/L	97	97	<1%
		Scandium, Dissolved	EPA 200.7	1110210-002	<0.100	0.933	0.950	1.00	mg/L	93	95	2 %
		Silver, Dissolved	EPA 200.7	1110210-002	<0.005	0.085	0.085	0.090	mg/L	96	96	<1%
		Sodium, Dissolved	EPA 200.7	1110210-002	32.9	43.1	42.0	10.0	mg/L	102	91	3 %
		Strontium, Dissolved	EPA 200.7	1110210-002	0.184	1.13	1.12	1.00	mg/L	95	94	1 %
		Tin, Dissolved	EPA 200.7	1110210-002	<0.100	0.926	0.923	1.00	mg/L	94	94	<1%
		Titanium, Dissolved	EPA 200.7	1110210-002	<0.100	0.943	0.946	1.00	mg/L	94	95	<1%
		Vanadium, Dissolved	EPA 200.7	1110210-002	<0.010	0.954	0.952	1.00	mg/L	95	95	<1%
		Zinc, Dissolved	EPA 200.7	1110210-002	0.019	0.995	0.974	1.00	mg/L	98	96	2 %
QC11100761	MS 1	Uranium, Dissolved	EPA 200.8	1110210-002	<0.0010	0.0093	0.0094	0.010	mg/L	93	94	1 %
		Mercury, Dissolved	EPA 200.8	1110210-002	<0.00010	0.000916	0.000939	0.001	mg/L	94	97	2 %
		Antimony, Dissolved	EPA 200.8	1110210-002	<0.0025	0.0097	0.0097	0.010	mg/L	96	96	<1%
		Arsenic, Dissolved	EPA 200.8	1110210-002	0.0092	0.0584	0.0597	0.050	mg/L	98	101	2 %
		Lead, Dissolved	EPA 200.8	1110210-002	<0.0025	0.0094	0.0096	0.010	mg/L	93	95	2 %
		Selenium, Dissolved	EPA 200.8	1110210-002	<0.0050	0.0467	0.0488	0.050	mg/L	93	97	4 %
		Thallium, Dissolved	EPA 200.8	1110210-002	<0.0010	0.0093	0.0094	0.010	mg/L	92	93	1 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

10/25/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1110122

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 10/7/2011. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Andy Smith
QA Manager

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1110122

General Comments

None

Specific Comments

None

Data Qualifier Legend

- B — Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT — Sample held beyond the accepted holding time
- J — The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M — Reported value is estimated; The sample matrix interfered with the analysis
- N — There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC — Not calculated due to matrix interference
- Q — Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC — Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

Date Printed: 10/25/2011

1016 Greg Street

OrderID: 1110122

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Customer Sample ID: Copper Flat WK:3

Collect Date/Time: 10/7/2011 09:00

WETLAB Sample ID: 1110122-001

Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.89	pH Units		10/7/2011
Bicarbonate (HCO ₃)	SM 2320B	120	mg/L	1.0	10/7/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/7/2011
Total Alkalinity	SM 2320B	98	mg/L as CaCO ₃	1.0	10/7/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/7/2011
Fluoride	EPA 300.0	2.1	mg/L	0.10	10/7/2011
Sulfate	EPA 300.0	39	mg/L	1.0	10/7/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/7/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/7/2011
Total Dissolved Solids (TDS)	SM 2540C	180	mg/L	10	10/10/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/17/2011
Barium	EPA 200.7	0.050	mg/L	0.010	10/17/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/17/2011
Calcium	EPA 200.7	36	mg/L	0.50	10/17/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/17/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Magnesium	EPA 200.7	5.2	mg/L	0.50	10/17/2011
Manganese	EPA 200.7	0.044	mg/L	0.0050	10/17/2011
Molybdenum	EPA 200.7	0.013	mg/L	0.010	10/17/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/17/2011
Potassium	EPA 200.7	16	mg/L	0.50	10/17/2011

Customer Sample ID: Copper Flat WK:3
WETLAB Sample ID: 1110122-001

Collect Date/Time: 10/7/2011 09:00
Receive Date: 10/7/2011 16:05

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/17/2011
Sodium	EPA 200.7	3.1	mg/L	0.50	10/17/2011
Strontium	EPA 200.7	0.51	mg/L	0.10	10/17/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/17/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/17/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/18/2011
Antimony	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	10/17/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/17/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/17/2011
Anions	Calculation	2.89	meq/L	0.10	
Cations	Calculation	2.77	meq/L	0.10	
Error	Calculation	2.1	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11100258	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11100258	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11100258	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11100261	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11100261	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11100261	Blank 3	Chloride	EPA 300.0	<1.0	mg/L
QC11100262	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100262	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100262	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100264	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100264	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100264	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100266	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11100266	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11100266	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11100363	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100363	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100531	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC11100545	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11100255	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11100255	LCS 2	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100255	LCS 3	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100257	LCS 1	Alkalinity	SM 2320B	94.0	100	94	mg/L
QC11100257	LCS 2	Alkalinity	SM 2320B	94.5	100	94	mg/L
QC11100257	LCS 3	Alkalinity	SM 2320B	94.3	100	94	mg/L
QC11100258	LCS 1	Fluoride	EPA 300.0	2.08	2.00	104	mg/L
QC11100261	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L
QC11100262	LCS 1	Nitrite Nitrogen	EPA 300.0	0.506	0.500	101	mg/L
QC11100264	LCS 1	Nitrate Nitrogen	EPA 300.0	2.02	2.00	101	mg/L
QC11100266	LCS 1	Sulfate	EPA 300.0	25.1	25.0	100	mg/L
QC11100363	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	157	150	105	mg/L
QC11100363	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	161	150	108	mg/L
QC11100531	LCS 1	Aluminum	EPA 200.7	0.984	1.00	98	mg/L
		Barium	EPA 200.7	0.972	1.00	97	mg/L
		Beryllium	EPA 200.7	0.973	1.00	97	mg/L
		Bismuth	EPA 200.7	0.995	1.00	100	mg/L
		Boron	EPA 200.7	0.933	1.00	93	mg/L
		Cadmium	EPA 200.7	0.986	1.00	99	mg/L
		Calcium	EPA 200.7	9.81	10.0	98	mg/L
		Chromium	EPA 200.7	0.962	1.00	96	mg/L
		Cobalt	EPA 200.7	0.974	1.00	97	mg/L
		Copper	EPA 200.7	4.75	5.00	95	mg/L
		Gallium	EPA 200.7	0.978	1.00	98	mg/L
		Iron	EPA 200.7	0.969	1.00	97	mg/L
		Lithium	EPA 200.7	0.955	1.00	96	mg/L
		Magnesium	EPA 200.7	9.71	10.0	97	mg/L
		Manganese	EPA 200.7	0.965	1.00	96	mg/L
		Molybdenum	EPA 200.7	0.969	1.00	97	mg/L
		Nickel	EPA 200.7	4.90	5.00	98	mg/L
		Phosphorus	EPA 200.7	4.90	5.00	98	mg/L
		Potassium	EPA 200.7	9.94	10.0	99	mg/L
		Scandium	EPA 200.7	0.967	1.00	97	mg/L
		Silver	EPA 200.7	0.087	0.090	96	mg/L
		Sodium	EPA 200.7	9.57	10.0	96	mg/L
		Strontium	EPA 200.7	0.965	1.00	96	mg/L
		Tin	EPA 200.7	0.943	1.00	94	mg/L
		Titanium	EPA 200.7	0.971	1.00	97	mg/L
		Vanadium	EPA 200.7	0.969	1.00	97	mg/L
		Zinc	EPA 200.7	1.00	1.00	100	mg/L
QC11100545	LCS 1	Mercury	EPA 200.8	0.000952	0.001	95	mg/L
		Antimony	EPA 200.8	0.0099	0.010	99	mg/L
		Arsenic	EPA 200.8	0.0474	0.050	95	mg/L
		Lead	EPA 200.8	0.0099	0.010	99	mg/L
		Selenium	EPA 200.8	0.0448	0.050	90	mg/L
		Thallium	EPA 200.8	0.0093	0.010	93	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11100255	Duplicate	pH	SM 4500-H+ B	1110104-001	8.20	8.17	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110108-001	8.76	8.82	pH Units	1 %
QC11100255	Duplicate	pH	SM 4500-H+ B	1110111-006	7.03	7.01	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110118-005	7.79	7.80	pH Units	<1%
QC11100255	Duplicate	pH	SM 4500-H+ B	1110122-001	7.89	7.95	pH Units	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11100255	Duplicate	pH	SM 4500-H+B	1110123-018	7.73	7.73	pH Units	<1%
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110104-001	247	248	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1110104-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110104-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110104-001	203	203	mg/L as CaCO3	<1%
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110108-001	31.0	27.8	mg/L	11 %
		Carbonate (CO3)	SM 2320B	1110108-001	9.04	10.2	mg/L	12 %
		Hydroxide (OH)	SM 2320B	1110108-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110108-001	40.5	39.7	mg/L as CaCO3	2 %
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110111-006	396	396	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1110111-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110111-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110111-006	325	325	mg/L as CaCO3	<1%
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110118-005	168	166	mg/L	1 %
		Carbonate (CO3)	SM 2320B	1110118-005	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110118-005	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110118-005	137	136	mg/L as CaCO3	1 %
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110122-001	120	120	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1110122-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110122-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110122-001	98.4	98.8	mg/L as CaCO3	<1%
QC11100257	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110123-018	35.1	35.7	mg/L	2 %
		Carbonate (CO3)	SM 2320B	1110123-018	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110123-018	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110123-018	28.8	29.3	mg/L as CaCO3	2 %
QC11100363	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110101-001	126	118	mg/L	7 %
QC11100363	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110104-006	360	360	mg/L	<1%
QC11100363	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110108-001	864	826	mg/L	4 %
QC11100363	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110111-006	876	864	mg/L	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11100258	MS 1	Fluoride	EPA 300.0	1110095-007	<0.100	2.18	2.20	2.00	mg/L	107	108	1 %
QC11100258	MS 2	Fluoride	EPA 300.0	1110095-009	<0.100	2.31	2.45	2.00	mg/L	112	119	6 %
QC11100261	MS 1	Chloride	EPA 300.0	1110123-005	<1.000	5.19	5.15	5.00	mg/L	103	102	1 %
QC11100261	MS 2	Chloride	EPA 300.0	1110123-015	<1.000	5.18	5.16	5.00	mg/L	103	103	<1%
QC11100262	MS 1	Nitrite Nitrogen	EPA 300.0	1110095-007	<0.025	0.496	0.509	0.500	mg/L	98	100	3 %
QC11100262	MS 2	Nitrite Nitrogen	EPA 300.0	1110095-009	<0.025	0.491	0.502	0.500	mg/L	97	99	2 %
QC11100264	MS 1	Nitrate Nitrogen	EPA 300.0	1110095-007	<1.000	2.06	2.12	2.00	mg/L	102	105	3 %
QC11100264	MS 2	Nitrate Nitrogen	EPA 300.0	1110095-009	<1.000	2.19	2.24	2.00	mg/L	103	106	2 %
QC11100266	MS 1	Sulfate	EPA 300.0	1110095-007	4.48	13.9	14.1	10.0	mg/L	95	96	1 %
QC11100266	MS 2	Sulfate	EPA 300.0	1110095-009	35.7	M	43.3	43.9	mg/L	NC	NC	NC
QC11100531	MS 1	Aluminum	EPA 200.7	1110211-001	0.785	M	2.37	2.40	1.00	mg/L	NC	NC
		Barium	EPA 200.7	1110211-001	0.039	1.02	0.975	1.00	mg/L	98	94	5 %
		Beryllium	EPA 200.7	1110211-001	<0.001	0.978	0.942	1.00	mg/L	98	94	4 %
		Bismuth	EPA 200.7	1110211-001	<0.100	0.978	0.941	1.00	mg/L	100	96	4 %
		Boron	EPA 200.7	1110211-001	<0.100	1.03	0.991	1.00	mg/L	98	94	4 %
		Cadmium	EPA 200.7	1110211-001	<0.001	0.969	0.923	1.00	mg/L	97	92	5 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD	
QC11100545	MS 1	Calcium	EPA 200.7	1110211-001	34.2	44.1	42.8	10.0	mg/L	99	86	3 %	
		Chromium	EPA 200.7	1110211-001	<0.005	0.951	0.914	1.00	mg/L	95	91	4 %	
		Cobalt	EPA 200.7	1110211-001	<0.010	0.946	0.906	1.00	mg/L	94	90	4 %	
		Copper	EPA 200.7	1110211-001	<0.050	4.86	4.73	5.00	mg/L	97	94	3 %	
		Gallium	EPA 200.7	1110211-001	<0.100	0.976	0.947	1.00	mg/L	97	94	3 %	
		Iron	EPA 200.7	1110211-001	5.18	SC	5.72	5.61	1.00	mg/L	NC	NC	NC
		Lithium	EPA 200.7	1110211-001	<0.100	0.966	0.945	1.00	mg/L	96	94	2 %	
		Magnesium	EPA 200.7	1110211-001	16.9	25.6	24.3	10.0	mg/L	87	74	5 %	
		Manganese	EPA 200.7	1110211-001	0.153	1.10	1.06	1.00	mg/L	95	91	4 %	
		Molybdenum	EPA 200.7	1110211-001	<0.010	0.990	0.950	1.00	mg/L	99	95	4 %	
		Nickel	EPA 200.7	1110211-001	<0.010	4.78	4.57	5.00	mg/L	96	91	4 %	
		Pbosphorus	EPA 200.7	1110211-001	<0.500	5.31	5.03	5.00	mg/L	100	94	5 %	
		Potassium	EPA 200.7	1110211-001	6.34	16.8	16.4	10.0	mg/L	105	101	2 %	
		Scandium	EPA 200.7	1110211-001	<0.100	0.983	0.955	1.00	mg/L	98	96	3 %	
		Silver	EPA 200.7	1110211-001	<0.005	0.086	0.084	0.090	mg/L	97	94	2 %	
		Sodium	EPA 200.7	1110211-001	31.3	41.2	40.9	10.0	mg/L	99	96	1 %	
		Strontium	EPA 200.7	1110211-001	0.259	1.23	1.21	1.00	mg/L	97	95	2 %	
		Tin	EPA 200.7	1110211-001	<0.100	0.938	0.881	1.00	mg/L	96	91	6 %	
		Titanium	EPA 200.7	1110211-001	<0.100	1.03	1.01	1.00	mg/L	99	97	2 %	
		Vanadium	EPA 200.7	1110211-001	0.034	1.02	0.983	1.00	mg/L	99	95	4 %	
		Zinc	EPA 200.7	1110211-001	0.023	1.01	0.957	1.00	mg/L	99	93	5 %	
		Mercury	EPA 200.8	1110211-001	<0.00010	0.001029	0.001016	0.001	mg/L	99	98	1 %	
		Antimony	EPA 200.8	1110211-001	<0.0025	0.0094	0.0092	0.010	mg/L	92	91	2 %	
		Arsenic	EPA 200.8	1110211-001	<0.0050	0.0539	0.0541	0.050	mg/L	100	101	<1%	
		Lead	EPA 200.8	1110211-001	<0.0025	0.0109	0.0109	0.010	mg/L	101	101	<1%	
		Selenium	EPA 200.8	1110211-001	<0.0050	0.0471	0.0477	0.050	mg/L	93	94	1 %	
		Thallium	EPA 200.8	1110211-001	<0.0010	0.0099	0.0099	0.010	mg/L	98	98	<1%	

12/6/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1109542

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 9/30/2011. Additional comments are located on page 2 of this report.

This is an amended report. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Jennifer Diggs
QA Specialist

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1109542

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1109542-001 Vanadium

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

1016 Greg Street

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Date Printed: 12/6/2011

OrderID: 1109542

Customer Sample ID: Copper Flat WK:2

Collect Date/Time: 9/30/2011 09:00

WETLAB Sample ID: 1109542-001

Receive Date: 9/30/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.04	pH Units		9/30/2011
Bicarbonate (HCO ₃)	SM 2320B	160	mg/L	1.0	10/3/2011
Carbonate (CO ₃)	SM 2320B	<1.0	mg/L	1.0	10/3/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	10/3/2011
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	10/3/2011
Chloride	EPA 300.0	<1.00	mg/L	1.00	10/1/2011
Fluoride	EPA 300.0	2.6	mg/L	0.10	10/1/2011
Sulfate	EPA 300.0	65	mg/L	1.0	10/1/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	10/1/2011
Nitrite Nitrogen	EPA 300.0	<0.025	mg/L	0.025	10/1/2011
Total Dissolved Solids (TDS)	SM 2540C	260	mg/L	10	10/3/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	10/12/2011
Barium	EPA 200.7	0.070	mg/L	0.010	10/12/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	10/12/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	10/12/2011
Calcium	EPA 200.7	55	mg/L	0.50	10/12/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	10/12/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	10/12/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	10/12/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	10/12/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Magnesium	EPA 200.7	7.7	mg/L	0.50	10/12/2011
Manganese	EPA 200.7	0.059	mg/L	0.0050	10/12/2011
Molybdenum	EPA 200.7	0.040	mg/L	0.010	10/12/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	10/12/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	10/12/2011
Potassium	EPA 200.7	26	mg/L	0.50	10/12/2011

Customer Sample ID: Copper Flat WK:2
 WETLAB Sample ID: 1109542-001

Collect Date/Time: 9/30/2011 09:00
 Receive Date: 9/30/2011 15:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	10/12/2011
Sodium	EPA 200.7	9.0	mg/L	0.50	10/12/2011
Strontium	EPA 200.7	0.74	mg/L	0.10	10/12/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	10/12/2011
Vanadium	EPA 200.7	<0.050	mg/L	0.050	10/13/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	10/12/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	10/11/2011
Antimony	EPA 200.8	0.0012	mg/L	0.0010	10/11/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	10/11/2011
Lead	EPA 200.8	<0.0010	mg/L	0.0010	10/11/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	10/11/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	10/11/2011
Uranium	EPA 200.8	0.049	mg/L	0.010	10/11/2011
Anions	Calculation	4.11	meq/L	0.10	
Cations	Calculation	4.44	meq/L	0.10	
Error	Calculation	3.8	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11100020	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11100020	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11100022	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11100022	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11100024	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100024	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11100026	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100026	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11100028	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11100028	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11100147	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100147	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11100347	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC11100393	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.100	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11100011	LCS 1	pH	SM 4500-H+ B	7.00	7.00	100	pH Units
QC11100020	LCS 1	Fluoride	EPA 300.0	2.18	2.00	109	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC11100022	LCS 1	Chloride	EPA 300.0	10.1	10.0	101	mg/L	
QC11100024	LCS 1	Nitrite Nitrogen	EPA 300.0	0.488	0.500	98	mg/L	
QC11100026	LCS 1	Nitrate Nitrogen	EPA 300.0	2.00	2.00	100	mg/L	
QC11100028	LCS 1	Sulfate	EPA 300.0	23.6	25.0	94	mg/L	
QC11100065	LCS 1	Alkalinity	SM 2320B	95.4	100	95	mg/L	
QC11100065	LCS 2	Alkalinity	SM 2320B	93.7	100	94	mg/L	
QC11100147	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	148	150	99	mg/L	
QC11100147	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L	
QC11100347	LCS 1	Mercury	EPA 200.8	0.000991	0.001	99	mg/L	
		Antimony	EPA 200.8	0.0101	0.010	101	mg/L	
		Arsenic	EPA 200.8	0.0464	0.050	93	mg/L	
		Lead	EPA 200.8	0.0105	0.010	105	mg/L	
		Selenium	EPA 200.8	0.0498	0.050	100	mg/L	
		Thallium	EPA 200.8	0.0102	0.010	102	mg/L	
		Uranium	EPA 200.8	0.0102	0.010	102	mg/L	
		Aluminum	EPA 200.7	1.05	1.00	105	mg/L	
		Barium	EPA 200.7	1.07	1.00	107	mg/L	
		Beryllium	EPA 200.7	1.09	1.00	109	mg/L	
QC11100393	LCS 1	Bismuth	EPA 200.7	1.10	1.00	110	mg/L	
		Boron	EPA 200.7	1.04	1.00	104	mg/L	
		Cadmium	EPA 200.7	1.09	1.00	109	mg/L	
		Calcium	EPA 200.7	10.8	10.0	108	mg/L	
		Chromium	EPA 200.7	1.04	1.00	104	mg/L	
		Cobalt	EPA 200.7	1.08	1.00	108	mg/L	
		Copper	EPA 200.7	5.25	5.00	105	mg/L	
		Gallium	EPA 200.7	1.06	1.00	106	mg/L	
		Iron	EPA 200.7	1.05	1.00	105	mg/L	
		Lithium	EPA 200.7	1.04	1.00	104	mg/L	
		Magnesium	EPA 200.7	10.6	10.0	106	mg/L	
		Manganese	EPA 200.7	1.06	1.00	106	mg/L	
		Molybdenum	EPA 200.7	1.07	1.00	107	mg/L	
		Nickel	EPA 200.7	5.41	5.00	108	mg/L	
		Phosphorus	EPA 200.7	5.45	5.00	109	mg/L	
		Potassium	EPA 200.7	10.7	10.0	107	mg/L	
		Scandium	EPA 200.7	1.07	1.00	107	mg/L	
		Silver	EPA 200.7	0.095	0.090	106	mg/L	
		Sodium	EPA 200.7	10.6	10.0	106	mg/L	
		Strontium	EPA 200.7	1.07	1.00	107	mg/L	
		Tin	EPA 200.7	1.04	1.00	104	mg/L	
		Titanium	EPA 200.7	1.04	1.00	104	mg/L	
		Vanadium	EPA 200.7	1.07	1.00	107	mg/L	
		Zinc	EPA 200.7	1.09	1.00	109	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11100011	Duplicate	pH	SM 4500-H+ B	1109530-002	7.75	7.76	pH Units	<1%
QC11100011	Duplicate	pH	SM 4500-H+ B	1109537-001	7.61	7.54	pH Units	1 %
QC11100011	Duplicate	pH	SM 4500-H+ B	1109537-002	7.80	7.77	pH Units	1 %
QC11100065	Duplicate	Bicarbonate (HCO3)	SM 2320B	1110001-001	228	228	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1110001-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1110001-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1110001-001	187	187	mg/L as CaCO3	<1%
		Bicarbonate (HCO3)	SM 2320B	1110011-001	125	123	mg/L	1 %
QC11100065	Duplicate	Carbonate (CO3)	SM 2320B	1110011-001	12.9	12.8	mg/L	1 %

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD				
QC11100065	Duplicate	Hydroxide (OH)	SM 2320B	1110011-001	<1.000	<1.000	mg/L	<1%				
		Total Alkalinity	SM 2320B	1110011-001	124	122	mg/L as CaCO ₃	1 %				
		Bicarbonate (HCO ₃)	SM 2320B	1110012-004	54.8	56.1	mg/L	2 %				
		Carbonate (CO ₃)	SM 2320B	1110012-004	<1.000	<1.000	mg/L	<1%				
		Hydroxide (OH)	SM 2320B	1110012-004	<1.000	<1.000	mg/L	<1%				
QC11100147	Duplicate	Total Alkalinity	SM 2320B	1110012-004	45.0	46.0	mg/L as CaCO ₃	2 %				
QC11100147	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109522-002	560	556	mg/L	1 %				
QC11100147	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109538-002	28.0	28.0	mg/L	<1%				
QC11100147	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1110001-001	420	424	mg/L	1 %				
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	MS % Rec.	MSD % Rec.	RPD		
QC11100020	MS 1	Fluoride	EPA 300.0	1109541-005	0.176	2.26	2.27	2.00	mg/L	104	105	<1%
		Chloride	EPA 300.0	1109541-005	<1.000	5.13	5.14	5.00	mg/L	101	102	<1%
		Nitrite Nitrogen	EPA 300.0	1109541-005	<0.025	0.508	0.510	0.500	mg/L	101	101	<1%
		Nitrate Nitrogen	EPA 300.0	1109541-005	<1.000	2.12	2.12	2.00	mg/L	104	104	<1%
		Sulfate	EPA 300.0	1109541-005	<1.000	9.60	9.64	10.0	mg/L	96	97	<1%
		Mercury	EPA 200.8	1110054-002	<0.00010	0.001016	0.001000	0.001	mg/L	102	100	2 %
		Antimony	EPA 200.8	1110054-002	<0.0025	0.0098	0.0098	0.010	mg/L	98	98	<1%
		Arsenic	EPA 200.8	1110054-002	<0.0050	0.0490	0.0480	0.050	mg/L	98	96	2 %
		Lead	EPA 200.8	1110054-002	<0.0025	0.0107	0.0108	0.010	mg/L	107	108	1 %
		Selenium	EPA 200.8	1110054-002	<0.0050	0.0502	0.0500	0.050	mg/L	99	99	<1%
		Thallium	EPA 200.8	1110054-002	<0.0010	0.0107	0.0107	0.010	mg/L	107	107	<1%
		Uranium	EPA 200.8	1110054-002	<0.0100	0.0118	0.0122	0.010	mg/L	101	104	3 %
		Aluminum	EPA 200.7	1110054-002	<0.045	1.06	1.06	1.00	mg/L	104	104	<1%
		Barium	EPA 200.7	1110054-002	0.017	1.08	1.08	1.00	mg/L	106	106	<1%
		Beryllium	EPA 200.7	1110054-002	<0.001	1.08	1.08	1.00	mg/L	108	108	<1%
		Bismuth	EPA 200.7	1110054-002	<0.100	1.07	1.07	1.00	mg/L	107	107	<1%
		Boron	EPA 200.7	1110054-002	<0.100	1.06	1.07	1.00	mg/L	105	106	1 %
		Cadmium	EPA 200.7	1110054-002	<0.001	1.07	1.09	1.00	mg/L	107	109	2 %
		Calcium	EPA 200.7	1110054-002	28.6	38.4	38.6	10.0	mg/L	98	100	1 %
		Chromium	EPA 200.7	1110054-002	<0.005	1.04	1.05	1.00	mg/L	104	105	1 %
		Cobalt	EPA 200.7	1110054-002	<0.010	1.04	1.05	1.00	mg/L	104	105	1 %
		Copper	EPA 200.7	1110054-002	<0.050	5.31	5.31	5.00	mg/L	106	106	<1%
		Gallium	EPA 200.7	1110054-002	<0.100	1.05	1.05	1.00	mg/L	105	105	<1%
		Iron	EPA 200.7	1110054-002	0.092	1.13	1.14	1.00	mg/L	104	105	1 %
		Lithium	EPA 200.7	1110054-002	<0.100	1.04	1.02	1.00	mg/L	104	102	2 %
		Magnesium	EPA 200.7	1110054-002	2.67	12.7	12.9	10.0	mg/L	100	102	2 %
		Manganese	EPA 200.7	1110054-002	<0.005	1.06	1.06	1.00	mg/L	106	106	<1%
		Molybdenum	EPA 200.7	1110054-002	<0.010	1.07	1.06	1.00	mg/L	107	106	1 %
		Nickel	EPA 200.7	1110054-002	<0.010	5.26	5.34	5.00	mg/L	105	107	2 %
		Phosphorus	EPA 200.7	1110054-002	<0.500	5.40	5.50	5.00	mg/L	107	109	2 %
		Potassium	EPA 200.7	1110054-002	1.86	12.5	12.5	10.0	mg/L	106	106	<1%
		Scandium	EPA 200.7	1110054-002	<0.100	1.05	1.05	1.00	mg/L	105	105	<1%
		Silver	EPA 200.7	1110054-002	<0.005	0.095	0.094	0.090	mg/L	105	105	1 %
		Sodium	EPA 200.7	1110054-002	3.95	14.2	14.1	10.0	mg/L	102	101	1 %
		Strontium	EPA 200.7	1110054-002	0.109	1.15	1.13	1.00	mg/L	104	102	2 %
		Tin	EPA 200.7	1110054-002	<0.100	1.01	1.01	1.00	mg/L	103	103	<1%
		Titanium	EPA 200.7	1110054-002	<0.100	1.03	1.03	1.00	mg/L	103	103	<1%
		Vanadium	EPA 200.7	1110054-002	<0.010	1.07	1.07	1.00	mg/L	107	107	<1%
		Zinc	EPA 200.7	1110054-002	<0.010	1.06	1.08	1.00	mg/L	106	108	2 %



475 E. Greg Street #119 | Sparks, Nevada 89431 | tel (775) 355-0202 | fax (775) 355-0817 | www.WETLaboratory.com

12/6/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1109409

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 9/23/2011. Additional comments are located on page 2 of this report.

This is an amended report. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

Jennifer Diggs
QA Specialist

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1109409

General Comments

None

Specific Comments

Due to the sample matrix it was necessary to analyze the following at a dilution:

1109409-001 Nitrite Nitrogen

The reporting limits have been adjusted accordingly.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland
Phone: (775) 356-1300 Fax: (775) 356-8917
PO\Project: 3438-01

Date Printed: 12/6/2011**OrderID:** 1109409**Customer Sample ID:** Copper Flat**Collect Date/Time:** 9/23/2011 09:00**WETLAB Sample ID:** 1109409-001**Receive Date:** 9/23/2011 16:15**PROFILE II**

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	7.99	pH Units		9/23/2011
Bicarbonate (HCO3)	SM 2320B	180	mg/L	1.0	9/23/2011
Carbonate (CO3)	SM 2320B	<1.0	mg/L	1.0	9/23/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/23/2011
Total Alkalinity	SM 2320B	150	mg/L as CaCO3	1.0	9/23/2011
Chloride	EPA 300.0	1.1	mg/L	1.00	9/24/2011
Fluoride	EPA 300.0	3.0	mg/L	0.20	9/24/2011
Sulfate	EPA 300.0	100	mg/L	2.0	9/24/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/24/2011
Nitrite Nitrogen	EPA 300.0	<0.050	mg/L	0.050	9/24/2011
Total Dissolved Solids (TDS)	SM 2540C	340	mg/L	10	9/26/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/27/2011
Barium	EPA 200.7	0.057	mg/L	0.010	9/27/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/27/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/27/2011
Calcium	EPA 200.7	53	mg/L	0.50	9/27/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/27/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/27/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/27/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/27/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Magnesium	EPA 200.7	7.0	mg/L	0.50	9/27/2011
Manganese	EPA 200.7	0.060	mg/L	0.0050	9/27/2011
Molybdenum	EPA 200.7	0.077	mg/L	0.010	9/27/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/27/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/27/2011
Potassium	EPA 200.7	28	mg/L	0.50	9/27/2011

Customer Sample ID: Copper Flat
 WETLAB Sample ID: 1109409-001

Collect Date/Time: 9/23/2011 09:00
 Receive Date: 9/23/2011 16:15

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/27/2011
Sodium	EPA 200.7	28	mg/L	0.50	9/27/2011
Strontium	EPA 200.7	0.72	mg/L	0.10	9/27/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/27/2011
Vanadium	EPA 200.7	<0.010	mg/L	0.010	9/27/2011
Zinc	EPA 200.7	<0.010	mg/L	0.010	9/27/2011
Mercury	EPA 200.8	<0.00010	mg/L	0.00010	9/28/2011
Antimony	EPA 200.8	0.0015	mg/L	0.0010	9/28/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/28/2011
Lead	EPA 200.8	<0.0010	mg/L	0.0010	9/28/2011
Selenium	EPA 200.8	<0.0050	mg/L	0.0050	9/28/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/28/2011
Uranium	EPA 200.8	0.054	mg/L	0.010	9/28/2011
Anions	Calculation	5.22	meq/L	0.10	
Cations	Calculation	5.16	meq/L	0.10	
Error	Calculation	<1.0	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11090729	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11090729	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11090729	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11090733	Blank 1	Chloride	EPA 300.0	<1.0	mg/L
QC11090733	Blank 2	Chloride	EPA 300.0	<1.0	mg/L
QC11090735	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090735	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090735	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090737	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090737	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090737	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090740	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11090740	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11090740	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11090823	Blank 1	Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
		Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L
		Zinc	EPA 200.7	<0.010	mg/L
QC11090848	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
QC11090850	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11090850	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L

QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units
QC11090716	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11090716	LCS 2	pH	SM 4500-H+ B	7.01	7.00	100	pH Units
QC11090725	LCS 1	Alkalinity	SM 2320B	94.7	100	95	mg/L
QC11090729	LCS 1	Fluoride	EPA 300.0	2.16	2.00	108	mg/L
QC11090733	LCS 1	Chloride	EPA 300.0	10.5	10.0	105	mg/L
QC11090735	LCS 1	Nitrite Nitrogen	EPA 300.0	0.503	0.500	101	mg/L
QC11090737	LCS 1	Nitrate Nitrogen	EPA 300.0	2.07	2.00	103	mg/L
QC11090740	LCS 1	Sulfate	EPA 300.0	25.9	25.0	104	mg/L
QC11090823	LCS 1	Aluminum	EPA 200.7	1.03	1.00	103	mg/L
		Barium	EPA 200.7	1.04	1.00	104	mg/L
		Beryllium	EPA 200.7	1.03	1.00	103	mg/L
		Bismuth	EPA 200.7	1.05	1.00	105	mg/L
		Boron	EPA 200.7	1.02	1.00	102	mg/L
		Cadmium	EPA 200.7	1.04	1.00	104	mg/L
		Calcium	EPA 200.7	10.4	10.0	104	mg/L
		Chromium	EPA 200.7	1.03	1.00	103	mg/L
		Cobalt	EPA 200.7	1.05	1.00	105	mg/L
		Copper	EPA 200.7	5.20	5.00	104	mg/L
		Gallium	EPA 200.7	1.04	1.00	104	mg/L
		Iron	EPA 200.7	1.04	1.00	104	mg/L
		Lithium	EPA 200.7	0.992	1.00	99	mg/L
		Magnesium	EPA 200.7	10.4	10.0	104	mg/L
		Manganese	EPA 200.7	1.05	1.00	105	mg/L
		Molybdenum	EPA 200.7	1.01	1.00	101	mg/L
		Nickel	EPA 200.7	5.22	5.00	104	mg/L
		Phosphorus	EPA 200.7	5.30	5.00	106	mg/L
		Potassium	EPA 200.7	10.2	10.0	102	mg/L
		Scandium	EPA 200.7	1.04	1.00	104	mg/L
		Silver	EPA 200.7	0.092	0.090	102	mg/L
		Sodium	EPA 200.7	10.2	10.0	102	mg/L
		Strontium	EPA 200.7	1.02	1.00	102	mg/L
		Tin	EPA 200.7	1.03	1.00	103	mg/L
		Titanium	EPA 200.7	1.03	1.00	103	mg/L
		Vanadium	EPA 200.7	1.03	1.00	103	mg/L
		Zinc	EPA 200.7	1.06	1.00	106	mg/L
QC11090848	LCS 1	Mercury	EPA 200.8	0.001031	0.001	103	mg/L
		Antimony	EPA 200.8	0.0108	0.010	108	mg/L
		Arsenic	EPA 200.8	0.0492	0.050	98	mg/L
		Lead	EPA 200.8	0.0105	0.010	104	mg/L
		Selenium	EPA 200.8	0.0464	0.050	93	mg/L
		Thallium	EPA 200.8	0.0101	0.010	101	mg/L
		Uranium	EPA 200.8	<0.0100	0.010	88	mg/L
QC11090850	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L
QC11090850	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	156	150	104	mg/L

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11090716	Duplicate	pH	SM 4500-H+ B	1109401-001	7.44	7.48	pH Units	1 %
QC11090716	Duplicate	pH	SM 4500-H+ B	1109405-001	7.87	7.77	pH Units	1 %
QC11090716	Duplicate	pH	SM 4500-H+ B	1109414-006	7.33	7.39	pH Units	1 %
QC11090725	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109401-001	163	163	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1109401-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1109401-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1109401-001	133	134	mg/L as CaCO3	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11090725	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109405-001	451	449	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1109405-001	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1109405-001	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1109405-001	370	368	mg/L as CaCO3	<1%
QC11090725	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109414-006	115	116	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1109414-006	<1.000	<1.000	mg/L	<1%
		Hydroxide (OH)	SM 2320B	1109414-006	<1.000	<1.000	mg/L	<1%
		Total Alkalinity	SM 2320B	1109414-006	94.6	94.9	mg/L as CaCO3	<1%
QC11090850	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109397-001	734	712	mg/L	3 %
QC11090850	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109404-001	4450	4350	mg/L	2 %
QC11090850	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109414-004	325	323	mg/L	1 %
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	RPD
QC11090729	MS 1	Fluoride	EPA 300.0	1109404-001	2.35	45.8	45.7	<1%
		Fluoride	EPA 300.0	1109409-001	2.97	6.87	6.89	<1%
		Chloride	EPA 300.0	1109409-001	1.13	11.9	12.0	1 %
		Nitrite Nitrogen	EPA 300.0	1109404-001	75.8	SC 83.3	83.4	NC NC NC
		Nitrite Nitrogen	EPA 300.0	1109409-001	<0.050	0.942	0.959	2 %
		Nitrate Nitrogen	EPA 300.0	1109404-001	68.9	111	112	1 %
		Nitrate Nitrogen	EPA 300.0	1109409-001	<1.000	4.36	4.39	1 %
		Sulfate	EPA 300.0	1109409-001	102	122	122	<1%
		Sulfate	EPA 300.0	1109360-007	<1.000	11.6	11.7	1 %
		Aluminum	EPA 200.7	1109366-001	0.320	1.46	1.47	1 %
		Barium	EPA 200.7	1109366-001	<0.010	0.999	0.994	1 %
		Beryllium	EPA 200.7	1109366-001	<0.001	0.991	0.984	1 %
		Bismuth	EPA 200.7	1109366-001	<0.100	0.997	0.999	100 <1%
		Boron	EPA 200.7	1109366-001	<0.100	0.949	0.959	1 %
		Cadmium	EPA 200.7	1109366-001	<0.001	1.01	0.999	100 1 %
		Calcium	EPA 200.7	1109366-001	3.80	13.5	13.6	1 %
		Chromium	EPA 200.7	1109366-001	<0.005	0.963	0.957	1 %
		Cobalt	EPA 200.7	1109366-001	<0.010	0.977	0.965	1 %
		Copper	EPA 200.7	1109366-001	<0.050	4.79	4.82	1 %
		Gallium	EPA 200.7	1109366-001	<0.100	0.983	0.989	1 %
		Iron	EPA 200.7	1109366-001	0.197	1.21	1.22	1 %
		Lithium	EPA 200.7	1109366-001	<0.100	0.965	0.962	<1%
		Magnesium	EPA 200.7	1109366-001	1.21	11.0	10.9	1 %
		Manganese	EPA 200.7	1109366-001	<0.005	0.966	0.957	1 %
		Molybdenum	EPA 200.7	1109366-001	<0.010	0.996	1.01	100 1 %
		Nickel	EPA 200.7	1109366-001	<0.010	4.95	4.88	1 %
		Phosphorus	EPA 200.7	1109366-001	<0.500	4.92	4.92	1 %
		Potassium	EPA 200.7	1109366-001	1.15	11.1	11.1	<1%
		Scandium	EPA 200.7	1109366-001	<0.100	0.945	0.948	1 %
		Silver	EPA 200.7	1109366-001	<0.005	0.087	0.088	1 %
		Sodium	EPA 200.7	1109366-001	1.69	11.5	11.5	1 %
		Strontium	EPA 200.7	1109366-001	<0.100	1.05	1.05	<1%
		Tin	EPA 200.7	1109366-001	<0.100	0.951	0.950	<1%
		Titanium	EPA 200.7	1109366-001	<0.100	0.964	0.984	2 %
		Vanadium	EPA 200.7	1109366-001	<0.010	0.985	0.981	<1%
		Zinc	EPA 200.7	1109366-001	<0.010	0.995	0.988	1 %
QC11090848	MS 1	Mercury	EPA 200.8	1109366-001	<0.00010	0.001022	0.001089	6 %
		Antimony	EPA 200.8	1109366-001	<0.0010	0.0102	0.0099	3 %
		Arsenic	EPA 200.8	1109366-001	<0.0050	0.0509	0.0505	1 %

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Lead	EPA 200.8	1109366-001	<0.0010	0.0115	0.0115	0.010	mg/L	113	113	<1%
		Selenium	EPA 200.8	1109366-001	<0.0050	0.0491	0.0488	0.050	mg/L	98	98	1 %
		Thallium	EPA 200.8	1109366-001	<0.0010	0.0110	0.0110	0.010	mg/L	110	110	<1%
		Uranium	EPA 200.8	1109366-001	<0.0010	0.0093	0.0094	0.010	mg/L	92	93	1 %

12/6/2011

McClelland Laboratory
1016 Greg Street
Sparks, NV 89431
Attn: Gene McClelland

OrderID: 1109289

Dear: Gene McClelland

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 9/16/2011. Additional comments are located on page 2 of this report.

This is an amended report. If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,



Jennifer Diggs
QA Specialist

Western Environmental Testing Laboratory

Report Comments

McClelland Laboratory - 1109289

General Comments

None

Specific Comments

Due to a laboratory oversight the analysis for Nitrite Nitrogen on sample 1109289-001 was performed past the EPA recommended holding time. We apologize for any inconvenience this may have caused.

Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

Western Environmental Testing Laboratory

Analytical Report

McClelland Laboratory

Date Printed: 12/6/2011

1016 Greg Street

OrderID: 1109289

Sparks, NV 89431

Attn: Gene McClelland

Phone: (775) 356-1300 Fax: (775) 356-8917

PO\Project: 3438-01

Customer Sample ID: Copper Flat Wk:0

Collect Date/Time: 9/16/2011 09:00

WETLAB Sample ID: 1109289-001

Receive Date: 9/16/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	8.38	pH Units		9/16/2011
Bicarbonate (HCO ₃)	SM 2320B	150	mg/L	1.0	9/16/2011
Carbonate (CO ₃)	SM 2320B	1.9	mg/L	1.0	9/16/2011
Hydroxide (OH)	SM 2320B	<1.0	mg/L	1.0	9/16/2011
Total Alkalinity	SM 2320B	130	mg/L as CaCO ₃	1.0	9/16/2011
Chloride	EPA 300.0	38	mg/L	2.0	9/16/2011
Fluoride	EPA 300.0	1.1	mg/L	0.20	9/16/2011
Sulfate	EPA 300.0	270	mg/L	2.0	9/16/2011
Nitrate Nitrogen	EPA 300.0	<1.0	mg/L	1.0	9/16/2011
Nitrite Nitrogen	EPA 300.0	0.56	HT mg/L	0.050	9/19/2011
Total Dissolved Solids (TDS)	SM 2540C	640	mg/L	10	9/20/2011
Aluminum	EPA 200.7	<0.045	mg/L	0.045	9/26/2011
Barium	EPA 200.7	0.013	mg/L	0.010	9/26/2011
Beryllium	EPA 200.7	<0.0010	mg/L	0.0010	9/26/2011
Bismuth	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Boron	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Cadmium	EPA 200.7	<0.0010	mg/L	0.0010	9/26/2011
Calcium	EPA 200.7	90	mg/L	0.50	9/26/2011
Chromium	EPA 200.7	<0.0050	mg/L	0.0050	9/26/2011
Cobalt	EPA 200.7	<0.010	mg/L	0.010	9/26/2011
Copper	EPA 200.7	<0.050	mg/L	0.050	9/26/2011
Gallium	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Iron	EPA 200.7	<0.010	mg/L	0.010	9/26/2011
Lithium	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Magnesium	EPA 200.7	9.9	mg/L	0.50	9/26/2011
Manganese	EPA 200.7	0.020	mg/L	0.0050	9/26/2011
Molybdenum	EPA 200.7	0.19	mg/L	0.010	9/26/2011
Nickel	EPA 200.7	<0.010	mg/L	0.010	9/26/2011
Phosphorus	EPA 200.7	<0.50	mg/L	0.50	9/26/2011
Potassium	EPA 200.7	40	mg/L	0.50	9/26/2011

Customer Sample ID: Copper Flat Wk:0
 WETLAB Sample ID: 1109289-001

Collect Date/Time: 9/16/2011 09:00
 Receive Date: 9/16/2011 15:30

PROFILE II

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
Scandium	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Silver	EPA 200.7	<0.0050	mg/L	0.0050	9/26/2011
Sodium	EPA 200.7	89	mg/L	0.50	9/26/2011
Strontium	EPA 200.7	1.2	mg/L	0.10	9/26/2011
Tin	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Titanium	EPA 200.7	<0.10	mg/L	0.10	9/26/2011
Vanadium	EPA 200.7	0.013	mg/L	0.010	9/26/2011
Zinc	EPA 200.7	0.014	mg/L	0.010	9/26/2011
Mercury	EPA 200.8	0.0036	mg/L	0.00010	9/26/2011
Antimony	EPA 200.8	0.0031	mg/L	0.0025	9/23/2011
Arsenic	EPA 200.8	<0.0050	mg/L	0.0050	9/26/2011
Lead	EPA 200.8	<0.0025	mg/L	0.0025	9/23/2011
Selenium	EPA 200.8	0.014	mg/L	0.0050	9/26/2011
Thallium	EPA 200.8	<0.0010	mg/L	0.0010	9/23/2011
Uranium	EPA 200.8	0.040	mg/L	0.010	9/23/2011
Anions	Calculation	9.27	meq/L	0.10	
Cations	Calculation	10.2	meq/L	0.10	
Error	Calculation	4.8	%	1.0	

Western Environmental Testing Laboratory

QC Report

QCBatchID	QCType	Parameter	Method	Result	Units
QC11090538	Blank 1	Fluoride	EPA 300.0	<0.10	mg/L
QC11090538	Blank 2	Fluoride	EPA 300.0	<0.10	mg/L
QC11090538	Blank 3	Fluoride	EPA 300.0	<0.10	mg/L
QC11090539	Blank 1	Chloride	EPA 300.0	<1.00	mg/L
QC11090539	Blank 2	Chloride	EPA 300.0	<1.00	mg/L
QC11090539	Blank 3	Chloride	EPA 300.0	<1.00	mg/L
QC11090541	Blank 1	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090541	Blank 2	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090541	Blank 3	Nitrate Nitrogen	EPA 300.0	<1.0	mg/L
QC11090542	Blank 1	Sulfate	EPA 300.0	<1.0	mg/L
QC11090542	Blank 2	Sulfate	EPA 300.0	<1.0	mg/L
QC11090542	Blank 3	Sulfate	EPA 300.0	<1.0	mg/L
QC11090586	Blank 1	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090586	Blank 2	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090586	Blank 3	Nitrite Nitrogen	EPA 300.0	<0.025	mg/L
QC11090644	Blank 1	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11090644	Blank 2	Total Dissolved Solids (TDS)	SM 2540C	<10	mg/L
QC11090723	Blank 1	Mercury	EPA 200.8	<0.00010	mg/L
		Antimony	EPA 200.8	<0.0025	mg/L
		Arsenic	EPA 200.8	<0.0050	mg/L
		Lead	EPA 200.8	<0.0025	mg/L
		Selenium	EPA 200.8	<0.0050	mg/L
		Thallium	EPA 200.8	<0.0010	mg/L
		Uranium	EPA 200.8	<0.010	mg/L
		Aluminum	EPA 200.7	<0.045	mg/L
		Barium	EPA 200.7	<0.010	mg/L
		Beryllium	EPA 200.7	<0.0010	mg/L
QC11090767	Blank 1	Bismuth	EPA 200.7	<0.10	mg/L
		Boron	EPA 200.7	<0.10	mg/L
		Cadmium	EPA 200.7	<0.0010	mg/L
		Calcium	EPA 200.7	<0.50	mg/L
		Chromium	EPA 200.7	<0.0050	mg/L
		Cobalt	EPA 200.7	<0.010	mg/L
		Copper	EPA 200.7	<0.050	mg/L
		Gallium	EPA 200.7	<0.10	mg/L
		Iron	EPA 200.7	<0.010	mg/L
		Lithium	EPA 200.7	<0.10	mg/L
		Magnesium	EPA 200.7	<0.50	mg/L
		Manganese	EPA 200.7	<0.0050	mg/L
		Molybdenum	EPA 200.7	<0.010	mg/L
		Nickel	EPA 200.7	<0.010	mg/L
		Phosphorus	EPA 200.7	<0.50	mg/L
		Potassium	EPA 200.7	<0.50	mg/L
		Scandium	EPA 200.7	<0.10	mg/L
		Silver	EPA 200.7	<0.0050	mg/L
		Sodium	EPA 200.7	<0.50	mg/L
		Strontium	EPA 200.7	<0.10	mg/L
		Tin	EPA 200.7	<0.10	mg/L
		Titanium	EPA 200.7	<0.10	mg/L
		Vanadium	EPA 200.7	<0.010	mg/L

QCBatchID	QCType	Parameter	Method	Result	Units			
		Zinc	EPA 200.7	<0.010	mg/L			
QCBatchID	QCType	Parameter	Method	Result	Actual	% Recovery	Units	
QC11090516	LCS 1	pH	SM 4500-H+ B	7.01	7.00	100	pH Units	
QC11090516	LCS 2	pH	SM 4500-H+ B	7.02	7.00	100	pH Units	
QC11090518	LCS 1	Alkalinity	SM 2320B	94.9	100	95	mg/L	
QC11090538	LCS 1	Fluoride	EPA 300.0	2.18	2.00	109	mg/L	
QC11090539	LCS 1	Chloride	EPA 300.0	10.2	10.0	102	mg/L	
QC11090541	LCS 1	Nitrate Nitrogen	EPA 300.0	2.03	2.00	101	mg/L	
QC11090542	LCS 1	Sulfate	EPA 300.0	25.9	25.0	104	mg/L	
QC11090586	LCS 1	Nitrite Nitrogen	EPA 300.0	0.470	0.500	94	mg/L	
QC11090644	LCS 1	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L	
QC11090644	LCS 2	Total Dissolved Solids (TDS)	SM 2540C	149	150	100	mg/L	
QC11090723	LCS 1	Mercury	EPA 200.8	0.001007	0.001	101	mg/L	
		Antimony	EPA 200.8	0.0098	0.010	98	mg/L	
		Arsenic	EPA 200.8	0.0482	0.050	96	mg/L	
		Lead	EPA 200.8	0.0098	0.010	98	mg/L	
		Selenium	EPA 200.8	0.0429	0.050	86	mg/L	
		Thallium	EPA 200.8	0.0096	0.010	96	mg/L	
		Uranium	EPA 200.8	0.0104	0.010	104	mg/L	
QC11090767	LCS 1	Aluminum	EPA 200.7	1.00	1.00	100	mg/L	
		Barium	EPA 200.7	0.974	1.00	97	mg/L	
		Beryllium	EPA 200.7	0.949	1.00	95	mg/L	
		Bismuth	EPA 200.7	0.991	1.00	99	mg/L	
		Boron	EPA 200.7	0.935	1.00	94	mg/L	
		Cadmium	EPA 200.7	0.948	1.00	95	mg/L	
		Calcium	EPA 200.7	9.81	10.0	98	mg/L	
		Chromium	EPA 200.7	0.950	1.00	95	mg/L	
		Cobalt	EPA 200.7	0.962	1.00	96	mg/L	
		Copper	EPA 200.7	4.95	5.00	99	mg/L	
		Gallium	EPA 200.7	0.985	1.00	98	mg/L	
		Iron	EPA 200.7	0.970	1.00	97	mg/L	
		Lithium	EPA 200.7	0.972	1.00	97	mg/L	
		Magnesium	EPA 200.7	9.34	10.0	93	mg/L	
		Manganese	EPA 200.7	0.973	1.00	97	mg/L	
		Molybdenum	EPA 200.7	0.946	1.00	95	mg/L	
		Nickel	EPA 200.7	4.80	5.00	96	mg/L	
		Phosphorus	EPA 200.7	4.68	5.00	94	mg/L	
		Potassium	EPA 200.7	10.1	10.0	101	mg/L	
		Scandium	EPA 200.7	0.977	1.00	98	mg/L	
		Silver	EPA 200.7	0.088	0.090	98	mg/L	
		Sodium	EPA 200.7	10.3	10.0	103	mg/L	
		Strontium	EPA 200.7	1.05	1.00	105	mg/L	
		Tin	EPA 200.7	0.915	1.00	92	mg/L	
		Titanium	EPA 200.7	0.982	1.00	98	mg/L	
		Vanadium	EPA 200.7	0.964	1.00	96	mg/L	
		Zinc	EPA 200.7	0.946	1.00	95	mg/L	
QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD
QC11090516	Duplicate	pH	SM 4500-H+ B	1109278-001	7.13	7.16	pH Units	<1%
QC11090516	Duplicate	pH	SM 4500-H+ B	1109279-004	7.41	7.35	pH Units	1 %
QC11090516	Duplicate	pH	SM 4500-H+ B	1109283-001	11.5	11.6	pH Units	<1%
QC11090518	Duplicate	Bicarbonate (HCO3)	SM 2320B	1109278-001	91.1	91.2	mg/L	<1%
		Carbonate (CO3)	SM 2320B	1109278-001	<1.000	<1.000	mg/L	<1%

QCBatchID	QCType	Parameter	Method	Duplicate Sample	Sample Result	Duplicate Result	Units	RPD			
QC11090518	Duplicate	Hydroxide (OH)	SM 2320B	1109278-001	<1.000	<1.000	mg/L	<1%			
		Total Alkalinity	SM 2320B	1109278-001	74.7	74.8	mg/L as CaCO3	<1%			
		Bicarbonate (HCO3)	SM 2320B	1109279-004	368	366	mg/L	<1%			
		Carbonate (CO3)	SM 2320B	1109279-004	<1.000	<1.000	mg/L	<1%			
QC11090518	Duplicate	Hydroxide (OH)	SM 2320B	1109279-004	<1.000	<1.000	mg/L	<1%			
		Total Alkalinity	SM 2320B	1109279-004	301	300	mg/L as CaCO3	<1%			
		Bicarbonate (HCO3)	SM 2320B	1109283-001	<1.000	<1.000	mg/L	<1%			
		Carbonate (CO3)	SM 2320B	1109283-001	25.6	23.1	mg/L	10 %			
QC11090644	Duplicate	Hydroxide (OH)	SM 2320B	1109283-001	85.0	89.7	mg/L	5 %			
		Total Alkalinity	SM 2320B	1109283-001	292	302	mg/L as CaCO3	3 %			
		Total Dissolved Solids (TDS)	SM 2540C	1109142-010	3792	3872	mg/L	2 %			
		Total Dissolved Solids (TDS)	SM 2540C	1109302-001	17.0	26.0	mg/L	42 %			
QC11090644	Duplicate	Total Dissolved Solids (TDS)	SM 2540C	1109310-004	1530	1544	mg/L	1 %			
Spike Recovery Data											
QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
QC11090538	MS 1	Fluoride	EPA 300.0	1109269-003	<0.100	2.15	2.18	2.00	mg/L	104	106
		Fluoride	EPA 300.0	1109269-012	<0.100	2.01	2.06	2.00	mg/L	98	100
		Chloride	EPA 300.0	1109269-003	<1.000	5.62	5.84	5.00	mg/L	99	103
		Chloride	EPA 300.0	1109269-012	<1.000	5.12	5.27	5.00	mg/L	99	102
QC11090541	MS 1	Nitrate Nitrogen	EPA 300.0	1109269-003	<1.000	1.98	2.07	2.00	mg/L	98	102
		Nitrate Nitrogen	EPA 300.0	1109269-012	<1.000	2.03	2.12	2.00	mg/L	100	105
		Sulfate	EPA 300.0	1109269-003	93.5	SC 100	101	10.0	mg/L	NC	NC
		Sulfate	EPA 300.0	1109269-012	<1.000	11.0	11.3	10.0	mg/L	101	104
QC11090586	MS 2	Nitrite Nitrogen	EPA 300.0	1109310-001	0.589	1.56	1.61	0.500	mg/L	97	103
		Nitrite Nitrogen	EPA 300.0	1109310-004	0.413	2.85	2.80	0.500	mg/L	97	95
		Mercury	EPA 200.8	1109278-001	<0.00010	0.001105	0.001152	0.001	mg/L	111	115
		Antimony	EPA 200.8	1109278-001	<0.0025	0.0101	0.0100	0.010	mg/L	98	97
QC11090723	MS 2	Arsenic	EPA 200.8	1109278-001	<0.0050	0.0617	0.0611	0.050	mg/L	118	116
		Lead	EPA 200.8	1109278-001	0.0039	0.0134	0.0131	0.010	mg/L	95	92
		Selenium	EPA 200.8	1109278-001	0.0082	0.0603	0.0583	0.050	mg/L	104	100
		Thallium	EPA 200.8	1109278-001	<0.0010	0.0093	0.0091	0.010	mg/L	93	91
QC11090767	MS 1	Uranium	EPA 200.8	1109278-001	<0.0100	0.0111	0.0108	0.010	mg/L	98	96
		Aluminum	EPA 200.7	1109278-001	0.098	1.08	1.12	1.00	mg/L	98	102
		Barium	EPA 200.7	1109278-001	<0.010	0.952	0.996	1.00	mg/L	94	99
		Beryllium	EPA 200.7	1109278-001	<0.001	0.937	0.987	1.00	mg/L	94	99
QC11090767	MS 1	Bismuth	EPA 200.7	1109278-001	<0.100	0.936	0.987	1.00	mg/L	96	101
		Boron	EPA 200.7	1109278-001	0.145	1.09	1.14	1.00	mg/L	94	99
		Cadmium	EPA 200.7	1109278-001	<0.001	0.913	0.965	1.00	mg/L	91	97
		Calcium	EPA 200.7	1109278-001	224	SC 241	244	10.0	mg/L	NC	NC
QC11090767	MS 1	Chromium	EPA 200.7	1109278-001	<0.005	0.938	0.985	1.00	mg/L	94	99
		Cobalt	EPA 200.7	1109278-001	<0.010	0.939	0.987	1.00	mg/L	94	98
		Copper	EPA 200.7	1109278-001	<0.050	4.95	5.20	5.00	mg/L	99	104
		Gallium	EPA 200.7	1109278-001	<0.100	0.930	0.975	1.00	mg/L	93	97
QC11090767	MS 1	Iron	EPA 200.7	1109278-001	0.145	1.11	1.16	1.00	mg/L	97	101
		Lithium	EPA 200.7	1109278-001	<0.100	1.11	1.15	1.00	mg/L	103	107
		Magnesium	EPA 200.7	1109278-001	50.0	59.3	60.3	10.0	mg/L	93	103
		Manganese	EPA 200.7	1109278-001	<0.005	0.875	0.922	1.00	mg/L	95	100
QC11090767	MS 1	Molybdenum	EPA 200.7	1109278-001	<0.010	0.934	0.978	1.00	mg/L	94	98
		Nickel	EPA 200.7	1109278-001	<0.010	4.66	4.90	5.00	mg/L	93	98
		Phosphorus	EPA 200.7	1109278-001	<0.500	4.85	5.17	5.00	mg/L	96	102
		Potassium	EPA 200.7	1109278-001	4.38	15.2	15.6	10.0	mg/L	108	112

QCBatchID	QCType	Parameter	Method	Spike Sample	Sample Result	MS Result	MSD Result	Spike Value	Units	MS % Rec.	MSD % Rec.	RPD
		Scandium	EPA 200.7	1109278-001	<0.100	0.963	1.01	1.00	mg/L	96	101	5 %
		Silver	EPA 200.7	1109278-001	<0.005	0.087	0.090	0.090	mg/L	96	99	3 %
		Sodium	EPA 200.7	1109278-001	57.8	70.2	70.7	10.0	mg/L	124	129	1 %
		Strontium	EPA 200.7	1109278-001	0.395	1.43	1.47	1.00	mg/L	103	108	3 %
		Tin	EPA 200.7	1109278-001	<0.100	0.855	0.896	1.00	mg/L	92	96	5 %
		Titanium	EPA 200.7	1109278-001	<0.100	0.971	0.999	1.00	mg/L	97	100	3 %
		Vanadium	EPA 200.7	1109278-001	0.043	0.991	1.04	1.00	mg/L	95	100	5 %
		Zinc	EPA 200.7	1109278-001	0.025	0.950	1.01	1.00	mg/L	93	99	6 %