FIELD ACTIVITIES REPORT AUGUST-SEPTEMBER 2014 YEAR 3 (JUNE 1, 2014 – MAY 31, 2015) SOIL AND VEGETATION SAMPLING EVENT

CHEVRON QUESTA MINE TAILING FACILITY

Prepared for Chevron Mining Inc. Questa, New Mexico

February 2015



URS Corporation 8181 E. Tufts Avenue Denver, CO 80237

Project No. 22244145

TABLE OF CONTENTS

1.0	FIELD ACTIVITIES 1						
	1.1 1.2	Soil and Vegetation Sampling Vegetation Monitoring	1				
2.0	MOD	IFICATIONS FROM SAMPLING PLAN	2				
3.0	SAM	PLING ACTIVITIES	2				
	3.1	Soil Cover Sampling	2				
	3.2	Vegetation Sampling	3				
	3.3	Vegetation Monitoring	4				
	3.4	Laboratory Analysis/Results	6				

List of Tables

Table 1	Description of Soil Samples Collected at Each Sample Location
Table 2	Plant Species Sampled
Table 3	Description of Vegetation Samples
Table 4	Vegetation Sampling Radius and Number of Plants
Table 5	Soil Laboratory Analytical Results
Table 6	Vegetation Laboratory Analytical Results
Table 7	Summary of Vegetation Monitoring Results
Table 8	Plant Species Composition
Table 9	Shrub Density
Table 10	List of Plant Species Observed
Table 11	Comparison of Vegetation Monitoring Results – 2013 and 2014
Table 12	Comparison of Plant Species Composition – 2013 and 2014

List of Figures

Figure 1	Site Map
Figure 2	Soil and Vegetation Sample Locations in Cover Areas
Figure 3	Locations of Vegetation Monitoring Transects in 1-Ft Cover Non-solar Area
Figure 4	Locations of Vegetation Monitoring Transects in 1-Ft Cover Solar Area
Figure 5	Locations of Vegetation Monitoring Transects in 2-Ft Cover Non-solar Area
Figure 6	Locations of Vegetation Monitoring Transects in 2-Ft Cover Solar Area
Figure 7	Locations of Vegetation Monitoring Transects in 3-Ft Cover Non-solar Area
Figure 8	Locations of Vegetation Monitoring Transects in 3-Ft Cover Solar Area

List of Appendices

- Appendix A Select Annotated Field Photographs
- Appendix B Sampling Field Data Sheets
 - B.1 Soil Samples
 - B.2 Vegetation Samples
- Appendix C Survey Coordinates
- Appendix D Vegetation Monitoring Data
- Appendix E Data Validation Reports
- Appendix F Laboratory Data Packages (TestAmerica)

URS Corporation (URS) conducted vegetation monitoring, and soil and vegetation sampling between August and September 2014 for the Tailing Facility Demonstration Solar Facility and Alternative Cover Depth Project at the Chevron Mining Inc. Questa Mine (referred to as Chevron in this document) located in Questa, New Mexico (Figure 1). The objective of the solar cover area sampling was to obtain soil and vegetation chemical data for use in the evaluation of the effectiveness of various cover depths for the protection of human health and the environment (CMI 2009). Post-construction soil sampling was previously conducted in 2011, 2012, and 2013(Year 0, 1 and 2 of monitoring, respectively); and post-construction vegetation monitoring and vegetation sampling began in 2013(Year 2 of monitoring).

This report presents a summary of the August and September 2014 field activities, modifications from the sampling plan, tabulated results, appendices containing field documentation (photographs and field data sheets), data validation reports, and lab data packages.

1.0 FIELD ACTIVITIES

Field activities were conducted in general accordance with the Quality Assurance Project Plan (QAPP), Standard Operating Procedures (SOPs), and Sampling and Analysis Plan (SAP). These documents were originally developed for this project during the initial baseline sampling event in 2010 (URS 2010). The QAPP and SAP were updated for the 2013 sampling event, and a new SOP (10.0) for Vegetation Monitoring was developed (URS 2014b, Appendix B). The QAPP, SOPs and SAP were reviewed and updated for the 2014 sampling (URS 2014b). A plan and maps of proposed sampling and monitoring locations were provided to Chevron prior to the start of field work.

1.1 Soil and Vegetation Sampling

Field activities for the solar cover area sampling events were conducted during August and September 2014. Compared to previous sampling events the 2014 sampling event had an increased number of samples and a modified layout of the sample locations. The changes were documented in a technical memorandum prepared by URS on August 19, 2014 (URS 2014a). Sampling in 2010, 2011, 2012 and 2013 involved collection of soil samples at nine locations in each cover area (including solar and non-solar), for a total of 27 soil samples. Pre-construction vegetation samples were collected in 2010 and post-construction samples were collected in 2013 at the same sampling locations. Up to 27 aboveground grass, forb, and shrub samples were collected depending on availability. Analysis of the 2013 data found that molybdenum concentrations were highly variable and the sample size did not provide sufficient power to determine whether observed differences in concentrations were real or the result of data variability. Therefore, Chevron proposed to increase the sample size to 36 soil samples per cover area, and up to 36 grass, forb and shrub samples, as available, in each cover area for the sampling event in 2014. In addition, Chevron proposed modifying the layout of sample locations by using a grid system to randomly locate sample locations in each cover type.

Soil and vegetation samples were collected by a 7-person field team from September 9 to 12 and September 16 to 18. Samples were collected from a total of 108 locations in the alternative cover depth project site (Figure 2). Each cover area contained 36 randomly located sampling



locations. Surface and sub-surface soil samples were collected at each of the 108 sample locations. Samples of up to three plant life forms (grass, forb, and shrub) were also collected at each of the locations, as available. Of the possible 324 vegetation samples 280 were collected; shrub samples were not available and could not be obtained at 42 of the 108 sample locations, and forbs could not be collected at 2 sample locations.

1.2 Vegetation Monitoring

Vegetation monitoring was conducted August 5 to 8, 2014 by a 5-person field team and from August 11 to 13, 2014 by a 3 to 4-person team. Data were collected from 35 to 49 transects in each of the 6 areas, including the solar 1, 2, and 3-foot cover depth areas and the adjacent non-solar 1, 2, and 3-foot cover depth areas. The default number of transects (45) was decreased in two cover depth areas and increased in two other areas based on field calculation of data adequacy. The number of transects was reduced to 41 in the 3-foot solar area and to 35 in the 3-foot cover depth non-solar area and was increased to 49 in the 1-foot and 2-foot cover depth solar areas. The 1- and 2-foot cover depth solar and non-solar areas had 45 transects.

A photographic log is included as Appendix A. Field data sheets for soil and vegetation samples are included as Appendix B. Coordinates for the sample locations are provided in Appendix C, and details of vegetation monitoring in Appendix D. Appendix E and F provide the data validation reports and laboratory data packages.

2.0 MODIFICATIONS FROM SAMPLING PLAN

Chevron requested two modifications during the September soil and vegetation sampling. The modifications included: (1) adding copper to the lab analysis of vegetation samples, and (2) collecting an additional soil sample at depth of 6 to 8 inches at each sampling location.

URS contacted the lab to request the addition of copper for vegetation sample analysis, and collected the 6 to 8 inch depth soil samples at each sample location.

3.0 SAMPLING ACTIVITIES

3.1 Soil Cover Sampling

A utility locate variance was provided for the soil cover sampling at the solar and non-solar cover areas after a review of the as-builts and verification that Chevron Technology Ventures (operator of the solar facility) did not modify the design since the previous sampling event was conducted. The utilities at the solar facility were placed at a minimum of 2 feet below ground surface per state regulations and in consideration of the soil cover sampling during construction of the solar facility in 2010.

Sample locations are shown on Figure 2. Sample locations for 2014 were identified using a 5 meter square grid system overlaid on the solar and non-solar cover areas. Grid cells falling within a cover area were selected as potential random sampling locations for that cover area. Unique identifiers were assigned to the grid cells within each cover area starting at "1" in the southwest and ascending by one left to right and north. Lists of random numbers were generated

for each cover area using the random integer generator at www.random.org, using a minimum of "1" and a maximum matching the highest unique identifier for a cover area as a set within which to generate random numbers. The random number lists were linked with the unique identifiers in each corresponding cover area to identify grid cells for random sampling.

Additional alternative sample locations were selected to be used in the event an obstruction such as an electrical box or lysimeter sensor was found. During sampling, the sample location CVR2-10 was moved to an alternative location (CVR2-ALT3) because the original was in the middle of a compacted informal road. In addition, minor adjustments were made to some sample locations were made to avoid solar structures and electrical vaults.

Sample center points were located and surveyed with a handheld Trimble Geo 7000. The horizontal positions are reported in northing and easting coordinates to the nearest foot. Survey coordinates are provided in Appendix C.

Surface soil samples were collected consistent with project SOP No 1.0, Near Surface Soil Sampling (URS 2014b, Appendix B). Subsurface soil samples were collected in general accordance with SOP No 7.0, Sub Surface Soil Sampling with a Hand Auger (URS 2014b, Appendix B). Composite samples, consisting of 5 aliquots, were collected from an area of approximately 1-foot in diameter and depths of 0 to 3 and 6 to 8 inches below ground surface for surface and subsurface soil samples, respectively. Samples were collected using a clean (i.e. decontaminated) steel pick (mason's hammer) and stainless steel spoon or trowel. Subsurface sample depths were reached using a clean (i.e. decontaminated) shovel and rock bar to break apart hard soils. Soil samples were sieved using a No. 10 sieve (2-millimeter [mm] mesh) into a stainless steel mixing bowl. Material that was greater than 2 mm was discarded. The sample was homogenized using the quartering method and placed in laboratory provided sample jars. The jars were labeled with the sample ID, sample collection time and date, required preservation, and requested analysis per SOP No 3.0, Sample Management (URS 2014b, Appendix B). Samples were shipped in coolers on ice under chain of custody to TestAmerica.

Soil sample descriptions were developed based on visual observations in the field. Soil sample descriptions were recorded on field data sheets which are provided in Appendix B and summarized in Table 1. Photographs of field activities are provided in Appendix A.

3.2 Vegetation Sampling

Vegetation samples were collected at the same locations as the soil samples. At each location, a sample of a representative grass, forb, and shrub, as available, was collected. Table 2 provides a list of species that were sampled. Details of the sampling and the vegetation material are provided in Table 3.

Grass samples were collected at each of the sample locations. Forbs were collected at each location except for 2 of the 108 sample locations. Shrub samples were collected at 66 of the 108 locations because the distribution of shrubs was uneven, and shrubs were not present in many areas or were too few or too small to sample. Vegetation samples were intended to include at least 5 individuals each and to be collected from a 2-meter radius around the sample location center point, but the SAP allowed for collection of samples from fewer individuals or from a radius of up to 5 meters if insufficient plants were available. Table 4 provides a summary of



sampling radius and number of individual plants collected for each sample. Grasses and forbs were collected from within 2 meters about two-thirds of the time, and at distances of 4 to 5 meters only in about 1 in 7 or 8 samples. Shrub samples were collected at about three-fifths of the sample location center points, and about three-fourths of the shrub samples were from distances of 4 to 5 meters from the sample location center point. In addition, many of the shrub samples consisted of less than 5 individuals.

Sampling was conducted near the end of the growing season and after the end of the summer monsoon season, and vegetation was well established. Some plants appeared to be undergoing seasonal dieback or appeared to have poor moisture conditions. Many of the first-year yellow rabbitbrush had powdery mildew on their foliage, but did not appear to be adversely affected by it. Solar facility maintenance work occurred before and during the September sampling event. Some plants were observed to be damaged by vehicle traffic, trampling or mowing, as described in Table 3. Vehicle and trampling damage was observed mostly on yellow sweetclover, white sagebrush, and shrubs.

Western wheatgrass was the most commonly sampled grass species because it occurred in dense to sparse clusters that provided adequate material for sampling (scientific names for sample plant species are provided in Table 2). Bluebunch wheatgrass, a bunch grass, was collected at locations where it was more common than western wheatgrass. Indian ricegrass, another bunch grass, was sampled at some sites where it was common. Arizona fescue was common but was avoided during sampling except where it was the only suitable grass species. Because of its small size, it required more plants and clipping closer to the ground. White sagebrush and yellow sweetclover were the most common forb species sampled. Yellow sweetclover is an introduced biennial species, and relatively large individuals of both first year vegetative and second year flowering plants were encountered at most sample sites. Most sweetclover samples included flowering/fruiting stems. White sagebrush varied considerably in size and was irregular in occurrence, and was sampled where it was available in sufficient amounts. Prickly Russian thistle was sampled at one location where other forbs were not available. There was one sample each of white sweetclover and alfalfa. The most commonly sampled shrubs were rubber rabbitbrush and winterfat. Yellow rabbitbrush, generally a smaller species, was sampled at three sites where it was common.

Most plants were clipped at approximately 1 inch aboveground, while samples were collected from larger forbs and shrubs by clipping to a mainstem. No more than 50% of the aboveground growth was taken, and roots were not disturbed. The samples were bagged and stored in coolers on ice until the vegetation could be washed. Most samples required one washing, while hairy plants, including white sagebrush and winterfat, sometimes required two or more washings. Some grass samples with culms and forb samples with stiff stems had to be handled with care or clipped to a smaller size to reduce the potential for breaching the washing and sample bags. Washed samples were gently dried using paper towels before placing them in new and labeled Ziploc bags. Samples were shipped in coolers on ice under chain of custody to TestAmerica.

3.3 Vegetation Monitoring

Prior to the field work, transect locations were randomly selected. Due to the small size of the study areas, transects were oriented in an east-west direction so that they did not cross each



other. The transect starting points were selected along lines two meters apart in a north-south direction within the non-solar area, and 5 meters apart in the solar area, with potential transect starting points spaced 1 meter apart along each line. Transect starting points were selected using random numbers from www.random.org, using a two-stage process of first randomly selecting the line, and then the starting point along the line. Transects that did not fit within the area or that overlapped with previously selected transects were discarded. Potential transects were selected and numbered sequentially until 55 transects were selected in each area, 45 planned and 10 alternate transects. Several of the proposed transect locations were moved up to 1 meter in order to avoid features such as manholes, electrical boxes, solar panel support posts, utility poles, or informal roads. The beginning and end points of each transect are provided in Appendix C.

Vegetation composition and cover and shrub density data were collected along transects in the solar and non-solar portions of the 1, 2, and 3-foot cover areas. The results are summarized in Tables 7, 8, and 9, and the full data set is provided in Appendix D. Table 7 provides the mean and standard deviation for vegetation in five categories: grasses, forbs, shrubs, total vegetation, and perennial cover. Table 7 also provides mean number of species per transect, shrub density, number of transects completed in each area, and number of transects needed for data adequacy. Table 8 provides cover data and constancy by species and Table 9 provides shrub density by species. Constancy is the proportion of transects in which a species was recorded. Table 10 provides a list of plant species observed. Plant species were identified in the field using Allred and Ivey 2012 and other botanical references. Tables 11 and 12 provide a summary comparison of monitoring results and plant composition identified in 2013 and 2014.

Transects were 25 meters in length, with data collected at each half meter point for a total of 50 points per transect. Cover and species composition was recorded at each point along a transect by recording the first species encountered from the top. At points without vegetation, other ground cover was recorded including litter, rock, bare ground, or other (electrical vault, lysimeters, or concrete in the solar areas). Collection of accurate point data was facilitated by holding a thin pointer vertically from the tape to the vegetation or ground surface. All data points were placed on the north side of the tape. Shrub density data were collected in belt transects, 25 meters long and 0.3 meter wide adjacent and on the north side of each point-intercept transect, by counting live shrubs (by species) rooted in the belt transects.

Data were collected from 35 to 49 transects in each of the 6 areas. The default number of transects (45) was reduced to 41 in the 3-foot solar area and to 35 in the 3-foot non-solar area. It was increased to 49 in the 1-foot and 2-foot solar areas based on field calculation of data adequacy. Three areas used sufficient transects to achieve the planned level of data adequacy, the 2-foot solar area was nearly adequate, and 1- and 2-foot non-solar areas did not achieve data adequacy.

Similar to 2013 the southern half of the 1-foot non-solar area had a large number of transects with no recorded vegetation or very low cover. Of transects recorded in this area 27% had no vegetation (Appendix D). The 2-foot non-solar area had far fewer transects with no vegetation than in 2013. The 1- and 2-foot non-solar areas also had lower vegetation cover and lower perennial plant cover than the other areas (Table 7), and lower shrub density except for the 1-foot solar area. The 3-foot cover solar and non-solar areas and the 2-foot solar area had the highest vegetation cover, perennial plant cover, and number of species per transect (Table 7).



A total of 28 species were recorded in the vegetation cover and shrub density transects, the same as in 2013. The most common species were Indian ricegrass, Arizona fescue, western wheatgrass, bluebunch wheatgrass, yellow sweetclover, and white sagebrush (Table 8). Prickly Russian thistle was uncommon in 2014 after it was one of the most common species in 2013 (Table 12). Grasses had higher cover than forbs in the 2- and 3-foot solar areas and the 3-foot non-solar area, while grasses and forbs were about equally abundant in the other areas and shrubs made up less than 1% of the cover in all areas. With the exception of white sagebrush and alfalfa, the forbs present were annuals and biennials that did not contribute to perennial plant cover. The most common shrub species were winterfat and rubber rabbitbrush (Tables 8 and 9). Some additional species were observed in the alternative cover depth project site but not recorded on the transects (Table 10). None of the species observed is considered to be a noxious weed in the State of New Mexico (New Mexico Department of Agriculture, 2012).

Two types of disturbance were observed that may have affected the 2014 vegetation cover results. Both of them are related to maintenance work at the solar facility. Vegetation around the solar structures was mowed prior to the vegetation survey. This affected approximately 13% of the transect points in the 3-foot solar area, 8% of the transect points in the 2-foot solar area, and 2% of the transect points in the 1-foot solar area (Appendix D). While the mowed vegetation was observed to be recovering, the recorded cover was likely less than that present before mowing, especially for yellow sweet clover and vegetation in the 3-foot solar area. Informal roads have developed in some locations from repeated travel by maintenance vehicles. Approximately 2 to 4% of the transect points were recorded as being within informal roads, in each areas except for the 3-foot non-solar area (Appendix D).

3.4 Laboratory Analysis/Results

Soil and vegetation samples were submitted to the TestAmerica's Burlington, Vermont laboratory for molybdenum, copper, and sulfate analysis per methods specified in the project-specific QAPP. Laboratory analytical data are summarized in Tables 5 and 6.

Laboratory data were validated in accordance with the QAPP (URS 2014b). Data validation summary reports are included as Appendix E. Complete laboratory data packages are included as Appendix F.

As part of the data validation, an overall assessment of the data was conducted for accuracy, representativeness, completeness, comparability and sensitivity. With respect to accuracy, all reported LCS recoveries were within the laboratory acceptance limits which indicated acceptable accuracy was attained with respect to the analytical method. Approximately 52% of the site-specific MS recoveries were within the laboratory control limits of 80-120% used to evaluate recoveries from the sample matrix. The QAPP does allow for the laboratory to use historical limits when evaluating MS recoveries. However, the laboratory uses the LCS limits of 80-120% to evaluate the matrix spike recoveries. The limits of 80-120%, while generally appropriate for an LCS, are considered to be tight for evaluating soil matrix spike recoveries due to the inhomogeneity of the samples and the potential for matrix interferences as discussed below. While sample results were qualified as estimated (J/UJ) based on MS recoveries, no results were qualified as unusable due to MS recovery failures.



As demonstrated by the site-specific quality control samples (e.g., matrix spike recoveries) matrix interferences are present in the samples which resulted in sample results being qualified as estimated (J/UJ) during data validation. Matrix interferences can be the result of soil inhomogeneity as only a small sample amount (~2 gram) is used during digestion for the parent, duplicate, and matrix spike samples, or high concentrations of non-target analytes that may cause interference during sample analysis (e.g., calcium, iron, yttrium). The samples from the CMI Solar Cover Project contain naturally occurring Yttrium. Yttrium is also used as the internal standard for ICP analysis and the sample results are corrected based upon the Yttrium response. A suppression or elevation of the Yttrium line indicates a matrix effect caused by the sample. It is assumed that if the Yttrium response goes up, the associated elements would also be high, thus the correction. Since the Yttrium internal standard values are elevated due to naturally occurring yttrium, the sample results for associated elements are being corrected and therefore, reported at lower concentrations.

Results qualified as estimated are considered usable for purposes of calculating completeness, and more importantly usable as qualified for project decisions. No results were qualified as unusable during data validation. For further details on data qualification, see individual reports and overall assessments provided in the data validation reports.

4.0 **REFERENCES**

- Allred, Kelley W. and Robert DeWitt Ivey. 2012. Flora Neomexicana III: An Illustrated Identification Manual. Available at lulu.com.
- Buchanan Consultants, Ltd. 2010. Questa Tailing Facility Interim Reclamation Plant Community Sampling Report, 2009. Presented to Chevron Mining Inc., Questa Mine. April.
- Chevron Mining Inc. 2009. Demonstration Solar Facility and Alternative Cover Depth Project for Chevron Questa Mine Tailing Facility.
- New Mexico Department of Agriculture. (2012, January 23). Noxious Weed Information. Retrieved from <u>http://www.nmda.nmsu.edu/apr/noxious-weed-information</u>
- URS. 2014a. Proposed Modification to Soil and Vegetation Sampling at Demonstration Solar Facility and Cover Depth Project. Technical Memorandum prepared for Chevron.
- URS. 2014b. Chevron Mining Inc., Final Questa Mine Sampling Quality Assurance Project Plan, Revision 1.0. Prepared for Chevron Mining Inc., Questa, New Mexico. September.
- URS. 2010. Questa Mine April/May 2010 Soil and Vegetation Sampling Event Demonstration Solar Facility and Alternative Cover Depth Project. Prepared for Chevron Mining Inc., Questa, New Mexico. July.
- USDA, NRCS. 2014. The PLANTS Database (<u>http://plants.usda.gov</u>, 15 December 2014). National Plant Data Team, Greensboro, NC 27401-4901 USA.



USDA, NRCS. 2014. The PLANTS Database (<u>http://plants.usda.gov</u>, 15 December 2014). National Plant Data Team, Greensboro, NC 27401-4901 USA.



Table 1 DESCRIPTION OF SOIL SAMPLES COLLECTED AT EACH SAMPLE LOCATION CMI Questa Mine Soil and Vegetaion Sampling Event August-September 2014

Cover	Sample	Interim Cover Soil							
Depth Plot	Location	Soil Description							
	CVR1-1	GRAVEL and sand, dense, non-plastic, dry to damp, yellowish brown							
	CVR1-2	GRAVEL, some sand, dense, non-plastic, damp, yellowish brown							
	CVR1-3	GRAVEL, some sand, dense, non-plastic, dry, yellowish brown							
	CVR1-4	SAND, some gravel, dense, non-plastic, dry to damp, brown							
	CVR1-5	SAND and gravel, dense, non-plastic, dry, yellowish brown							
	CVR1-6	GRAVEL and sand, some clay, dense, low-plastic, dry to damp, brownish yellow							
	CVR1-7	GRAVEL, some sand, dense, non-plastic, dry to damp, yellowish brown, tailing at 3"-5" and 7							
	CVR1-8	SAND, some gravel, dense, non-plastic, dry, very pale brown							
	CVR1-9	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-10	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown, trace tailing at 6"-8"							
	CVR1-11	SAND, some gravel, dense, non-plastic, dry, yellowish brown							
	CVR1-12	SAND and gravel, dense, non-plastic, dry, light yellowish brown							
	CVR1-13	SAND, some gravel, dense, non-plastic, dry, light yellowish brown							
	CVR1-14	SAND and gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-15	SAND, some gravel, dense, non-plastic, dry, very pale brown							
	CVR1-16	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown, trace tailing							
	CVR1-17	SAND and gravel, dense, non-plastic, dry, very pale brown, trace tailing at 6"-8"							
1-foot Plot	CVR1-18	SAND and gravel, dense, non-plastic, dry, very pale brown							
1-100(110)	CVR1-19	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-20	SAND, some gravel, dense, non-plastic, dry, light yellowish brown							
	CVR1-21	SAND, some gravel, dense, non-plastic, dry, yellowish brown							
	CVR1-22	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-23	SAND and gravel, trace silt, dense, non-plastic, dry, pale brown							
	CVR1-24	GRAVEL, some sand, trace silt, dense, non-plastic, dry, pale brown							
	CVR1-25	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-26	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-27	GRAVEL, some sand, trace silt, dense, non-plastic, dry to damp, light yellow brown							
	CVR1-28	SAND and gravel, trace silt, dense, non-plastic, dry, pale brown							
	CVR1-29	GRAVEL and sand, trace silt, dense, non-plastic, dry to damp, light yellowish brown, 20% tailing at 6"-8"							
	CVR1-30	SAND and gravel, trace silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-31	SAND and gravel, some silt, dense, non-plastic, dry to damp, pale brown, trace tailing at 0"-3", 100% tailing at 6"-8"							
	CVR1-32	GRAVEL, some sand, trace silt, dense, non-plastic, dry, pale brown, tailing at 6"-8"							
	CVR1-33	SAND and gravel, some silt, dense, non-plastic, dry, light yellowish brown, tailing at 6"-8"							
	CVR1-34	SAND, some silt and gravel, dense, non-plastic, dry, very pale brown							
	CVR1-35	SAND and gravel, some silt, dense, non-plastic, dry, light yellowish brown							
	CVR1-36	SAND and gravel, trace silt, dense, non-plastic, dry, yellowish brown, 50% tailing at 6"-8"							
	CVR2-1	GRAVEL and sand, dense, non-plastic, dry to damp, pale brown							
	CVR2-2	GRAVEL, some sand, dense, non-plastic, dry to damp, light yellowish brown							
	CVR2-3	GRAVEL and sand, dense, non-plastic, dry, light yellowish brown							
2-foot Plot	CVR2-4	SAND, some gravel, dense, non-plastic, dry, light yellowish brown							
	CVR2-5	SAND, some gravel, dense, non-plastic, dry to damp, yellowish to light yellowish brown							
	CVR2-6	SAND, some gravel, trace silt, dense, non-plastic, dry, very pale brown							
	CVR2-7	SAND, some gravel, trace clay, dense, low-plastic, dry, very pale brown							

Table 1 DESCRIPTION OF SOIL SAMPLES COLLECTED AT EACH SAMPLE LOCATION CMI Questa Mine Soil and Vegetaion Sampling Event August-September 2014

Cover	Sample	Interim Cover Soil
Depth Plot	Location	Soil Description
	CVR2-8	SAND, some gravel, dense, non-plastic, dry, very pale brown
	CVR2-9	SAND and gravel, dense, non-plastic, dry, very pale brown, 50% tailing at 5"-8"
	CVR2-10	GRAVEL and sand, dense, non-plastic, dry, very pale brown
	CVR2-11	SAND, some gravel, trace clay, dense, low-plastic, dry, light yellowish brown
	CVR2-12	GRAVEL and sand, dense, non-plastic, dry, yellowish brown
	CVR2-13	SAND, some gravel, dense, non-plastic, dry, very pale brown
	CVR2-14	GRAVEL and sand, dense, non-plastic, dry, very pale brown
	CVR2-15	SAND, some gravel, dense, non-plastic, dry, very pale brown
	CVR2-16	SAND, some gravel, trace silt, dense, non-plastic, dry, very pale brown
	CVR2-17	SAND, some gravel, dense, non-plastic, dry, very pale brown
	CVR2-18	SAND, some gravel, trace clay, dense, low-plastic, moist, brownish yellow
	CVR2-19	CLAY, some gravel, trace sand, dense, low-plastic, moist to dry, yellowish brown
	CVR2-20	SILT and sand, some gravel, trace clay, dense, low-plastic, damp to moist, brownish yellow
	CVR2-21	CLAY, some gravel, trace sand, dense, low-plastic, moist, very pale brown
2-foot Plot	CVR2-22	SILT, some gravel, trace sand, dense, low-plastic, damp, brownish yellow
	CVR2-23	SAND, some gravel trace clay, dense, low-plastic, moist, yellowish brown
	CVR2-24	SAND and gravel, trace clay, dense, low-plastic, moist, light yellowish brown
	CVR2-25	SAND, trace gravel, trace clay, dense, low-plastic, moist, yellowish brown
	CVR2-26	SAND, some gravel and clay, dense, low-plastic, moist, yellowish brown
	CVR2-27	SAND, some gravel, trace silt, dense, non-plastic, moist to dry, dark yellowish brown
	CVR2-28	SAND and gravel, trace silt, dense, non-plastic, moist, brownish yellow
	CVR2-29	SAND, some gravel, trace silt, dense, non-plastic, moist to dry, brownish yellow, tailing at 6"-8"
	CVR2-30	GRAVEL, some sand, trace clay, dense, low-plastic, moist, yellowish brown, tailing at 4"-8"
	CVR2-31	GRAVEL and sand, some clay, dense, low-plastic, moist, yellowish brown, tailing at 7"
	CVR2-32	GRAVEL and sand, dense, non-plastic, moist, dark yellowish brown
	CVR2-33	SAND, some gravel, trace silt, dense, non-plastic, moist, yellowish brown
	CVR2-34	SAND, some gravel, dense, non-plastic, moist, yellowish brown
	CVR2-35	GRAVEL and silt, some sand, dense, non-plastic, damp, yellowish brown
	CVR2-36	GRAVEL and silt, some sand, dense, non-plastic, damp, yellowish brown, trace tailing at 0-8"
	CVR3-1	SAND, some gravel, dense, non-plastic, dry, light yellowish brown
	CVR3-2	SAND, some gravel, trace silt, dense, non-plastic, dry, brownish yellow
	CVR3-3	SAND and gravel, trace clay, dense, low-plastic, dry, light yellowish brown, caliche
	CVR3-4	SAND, some gravel, trace clay, dense, low-plastic, dry, brownish yellow
	CVR3-5	SILT and gravel, trace sand, dense, non-plastic, dry, light yellowish brown
	CVR3-6	SAND, some gravel, trace silt, dense, non-plastic, dry, very pale brown
	CVR3-7	SAND, some gravel and silt, dense, non-plastic, dry, light yellowish brown
3-foot Plot	CVR3-8	SAND and gravel, dense, non-plastic, dry, light yellowish brown
	CVR3-9	SILT, some sand and gravel, dense, non-plastic, dry, pale brown
	CVR3-10	SAND, some gravel, trace silt, dense, non-plastic, dry, light yellowish brown
	CVR3-11	SAND, some gravel and clay, dense, low-plastic, dry, yellowish brown
	CVR3-12	SAND and gravel, some silt, dense, non-plastic, dry, light yellowish brown
	CVR3-13	SILT, some gravel and sand, dense, non-plastic, dry, very pale brown
	CVR3-14	SILT and gravel, trace sand, dense, non-plastic, dry, very pale brown
	CVR3-15	SAND, some gravel, trace silt, dense, non-plastic, dry, brownish yellow, trace tailing 6-8"
	CVR3-16	SAND, some gravel, trace silt and clay, dense, low-plastic, dry to damp, brownish yellow
	CVR3-17	SAND, some gravel, dense, non-plastic, dry, yellowish brown
	CVR3-18	SAND, some silt and gravel, trace clay, dense, low-plastic, dry, light yellowish brown

Table 1 DESCRIPTION OF SOIL SAMPLES COLLECTED AT EACH SAMPLE LOCATION CMI Questa Mine Soil and Vegetaion Sampling Event August-September 2014

Cover	Sample Interim Cover Soil							
Depth Plot	Location	Soil Description						
	CVR3-19	SAND, some gravel, trace silt and clay, dense, low-plastic, dry, light yellowish brown						
	CVR3-20	SAND, some gravel, trace silt, dense, non-plastic, damp, yellowish brown						
	CVR3-21	SAND, some gravel, dense, non-plastic, dry, light yellowish brown						
	CVR3-22	SAND, some gravel, dense, non-plastic, dry, light yellowish brown, tailing at 3"-5"						
	CVR3-23	SAND, some gravel, trace silt, dense, non-plastic, dry to damp, yellowish brown						
	CVR3-24	SAND, some silt and gravel, dense, non-plastic, damp, yellowish brown						
	CVR3-25	SAND and gravel, dense, non-plastic, dry, light yellowish brown						
3-foot Plot	CVR3-26	GRAVEL and silt, some sand, dense, non-plastic, damp, yellowish brown						
	CVR3-27	SAND, some gravel, dense, non-plastic, dry, yellowish brown						
	CVR3-28	SAND, some gravel, trace silt, dense, non-plastic, dry, yellowish brown						
	CVR3-29	SILT, some gravel and sand, trace clay, dense, low-plastic, dry, brownish yellow						
	CVR3-30	SILT some gravel, trace sand and clay, dense, low-plastic, dry, light yellowish brown						
	CVR3-31	SAND and gravel, trace silt, dense, non-plastic, damp, yellowish brown, tailing at 6"-8"						
	CVR3-32	GRAVEL and silt, trace sand, dense, non-plastic, damp, brownish yellow						
	CVR3-33	SAND, some gravel, trace silt, dense, non-plastic, damp, brownish yellow						
	CVR3-34	SAND and gravel, trace silt and clay, dense, low-plastic, damp to moist, yellowish brown						
	CVR3-35	SAND and gravel, trace silt and clay, dense, low-plastic, damp, dark yellowish brown						
	CVR3-36	GRAVEL and sand, trace silt and clay, dense, low-plastic, dry, brownish yellow						

Notes"

" = Inches

% = Percent

Table 2PLANT SPECIES SAMPLEDCMI Questa MineSoil and Vegetation Sampling EventAugust-September 2014

Common Namo	Scientific Name	Plant type	Sa	Total		
Common Name			Cover 1 ¹	Cover 2 ²	Cover 3 ³	Samples
Grasses						
Western wheatgrass	Pascopyrum smithii	Native perennial	15	23	25	63
Bluebunch wheatgrass	Pseudoroegneria spicata	Native perennial	8	9	9	26
Indian ricegrass	Achnatherum hymenoides	Native perennial	6	3	2	11
Arizona fescue	Festuca arizonica	Native perennial	7	1	0	8
Total number of grass samples	·	-	36	36	36	108
Forbs						
White sagebrush	Artemisia ludoviciana	Native perennial	2	9	15	26
Yellow sweetclover	Melilotus officinalis	Introduced biennial	33	24	20	77
White sweetclover	Melilotus alba	Introduced biennial	0	0	1	1
Alfalfa	Medicago sativa	Introduced perennial	0	1	0	1
Prickly Russian thistle	Salsola tragus	Introduced annual	0	1	0	1
Total number of forb samples	-		35	35	36	106
No forb sample			1	1	0	2
Shrubs						
Rubber rabbitbrush	Ericameria nauseosa	Native	8	10	16	34
Winterfat	Ceratoides lanata	Native	4	7	18	29
Yellow rabbitbrush	Chrysothamnus nauseosus	Native	0	2	1	3
Total number of shrub samples	•		12	19	35	66
No shrub sample			24	17	1	42

Notes:

¹ Cover 1 = 1 foot soil cover area

² Cover 2 = 2 foot soil cover area

³ Cover 3 = 3 foot soil cover area

				Aboveground Sample			
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description	
Grasses- 1 Foot	Soil Cover	-			I		
CVR1-1	Western wheatgrass	6	4 meters	12 - 18 inches	1 inch aboveground	5 plants vegetative, one senescing.	
CVR1-2	Indian ricegrass	6	4 meters	6 - 12 inches	1 inch aboveground	2 plants vegetative, 4 in fruit.	
CVR1-3	Western wheatgrass	5	5 meters	15 inches	1 inch aboveground	All plants in fruit.	
CVR1-4	Bluebunch wheatgrass	5	5 meters	6 inches	1 inch aboveground	4 plants vegetative, one in fruit.	
CVR1-5	Arizona fescue	5	1 meter	3 - 12 inches	1 inch aboveground	All plants senescing.	
CVR1-6	Indian ricegrass	5	2 meters	18 inches	1 inch aboveground	All plants in fruit.	
CVR1-7	Indian ricegrass	5	3 meters	8 inches	1 inch aboveground	2 plants vegetative, 3 plants senescing.	
CVR1-8	Arizona fescue	9	3 meters	3 - 10 inches	1 inch aboveground	All plants in fruit.	
CVR1-9	Bluebunch wheatgrass	6	3 meters	12 inches	1 inch aboveground	All plants in fruit. Some dust on plants.	
CVR1-10	Arizona fescue	7	1.5 meters	12 inches	1 inch aboveground	All plants in fruit.	
CVR1-11	Western wheatgrass	7	2.5 meters	12 - 15 inches	1 inch aboveground	5 plants vegetative, 2 in fruit.	
CVR1-12	Indian ricegrass	6	2.5 meters	8 inches	1 inch aboveground	5 plants vegetative, 1 in fruit.	
CVR1-13	Western wheatgrass	10	3 meters	8 - 18 inches	1 inch aboveground	6 plants vegetative, 4 in fruit.	
CVR1-14	Arizona fescue	10	3 meters	6 inches	0.5 inch above ground	All plants in fruit.	
CVR1-15	Western wheatgrass	6	2.5 meters	8 inches	1 inch aboveground	5 plants vegetative, 1 in fruit.	
CVR1-16	Bluebunch wheatgrass	5	2 meters	8 inches	1 inch aboveground	All plants vegetative. Some dust.	
CVR1-17	Western wheatgrass	5	3 meters	12 inches	1 inch aboveground	3 plants vegetative, 2 in flower. 3 plants in large ant hill.	
CVR1-18	Western wheatgrass	6	3 meters	12 inches	1 inch aboveground	4 plants vegetative, 2 in fruit.	
CVR1-19	Western wheatgrass	6	1 meter	8 inches	1 inch aboveground	All plants vegetative	
CVR1-20	Bluebunch wheatgrass	5	2 meters	12-18 inches	1 inch aboveground	3 plants vegetative, 2 in fruit. Some visible	
CV/R1-21	Bluebunch wheatarass	6	3 meters	6 - 21 inches	1 inch aboveground	4 plants vegetative 2 in fruit	
CVR1-21	Wostorn wheatgrass	10	4 motors	6 inchos	1 inch aboveground		
CVR1-22	Indian ricegrass	4	2 meters	18 inches	1 inch aboveground	All plants in fruit. Plants are within a large	
		7	2 motoro	19 21 inches	1 inch choverround	2 planta vogatativo 4 planta in fruit	
CVR1-24		10	2 meters	18 - 24 Inches	1 inch aboveground	3 plants vegetative, 4 plants in fruit.	
CVR1-25 CVR1-26	Western wheatgrass	5	2 meters	18 inches	2 inches	All plants vegetative	
	Western wheetgrees	7	2 motoro	9 10 inches	aboveground	6 planta vegetative 1 in fruit	
	Rushungh wheatgrass	/ F	2 meters	6 - 12 Inches	1 inch aboveground	o plants vegetative, 1 in fruit.	
GVR1-20	bluebunch wheatgrass	5	2 meters	6 inches		5 plants vegetative, 1 in fruit, 1 senescing	
CVR1-29	Bluebunch wheatgrass	6	2 meters	8 inches	aboveground	some plants.	
CVR1-30	Arizona fescue	9	2 meters	5 inches	0.5 inches aboveground	4 plants vegetative, 5 in fruit	
CVR1-31	Arizona fescue	9	2.5 meters	2 - 8 inches	0.5 inches aboveground	4 plants vegetative, 5 in fruit	
CVR1-32	Western wheatgrass	5	2 meters	12 - 18 inches	1 inch aboveground	All plants in fruit.	
CVR1-33	Bluebunch wheatgrass	5	2.5 meters	7 - 10 inches	1 inch aboveground	All plants vegetative. Dust Visible on most samples.	
CVR1-34	Western wheatgrass	5	2 meters	10 - 15 inches	1 inch aboveground	4 plants vegetative, one in fruit.	
CRV1-35	Indian ricegrass	7	3 meters	Not recorded	1 inch aboveground	2 plants vegetative, 5 in fruit	
CVR1-36	Western wheatgrass	5	2.5 meters	10 inches	1 inch aboveground	4 plants vegetative, one flowering/fruiting.	
Grasses - 2 Foot	t Soil Cover						
CVR2-1	Indian ricegrass	6	5 meters	8 inches	1 inch aboveground	2 plants vegetative, 4 in fruit	
CVR2-2	Bluebunch wheatgrass	5	5 meters	12 inches	1 inch aboveground	All plants flowering/fruiting, between 4 to 5 meters from center point.	
CVR2-3	Arizona fescue	13	4 meters	3 inches for leaves, 8 inches with culms	0.5 inch aboveground	All plants flowering/fruiting.	
CVR2-4	Bluebunch wheatgrass	6	2 meters	12 inches	1 inch aboveground	3 plants vegetative, 3 in fruit.	
CVR2-5	Indian ricegrass	12	5 meters	6-8 inches	1 inch aboveground	4 plants vegetative, 8 plants in fruit.	
CVR2-6	Western wheatgrass	7	2 meters	18 inches	1 inch aboveground	All in fruit. Very dry area, plants dusty, in area of two roads	
CVR2-7	Western wheatgrass	7	2.5 meters	18 inches	1 inch aboveground	All plants in fruit.	
CVR2-8	Western wheatgrass	6	1 meter	12 inches, culms to 18	1 inch aboveground	1 plant vegetative, 5 in fruit.	
CVR2-9	Bluebunch wheatgrass	7	5 meters	6 inches	1 inch aboveground	4 plants vegetative, 3 in fruit. More dead grass in clumps than typical. One plant	
CVR2-10	Western wheatgrass	5	1.5 meters	10 inches	1 inch aboveground	4 plants vegetative, 1 in flower. 1 plant run-	
CVR2-11	Bluehunch wheataraca	5	2 meters	8 inches	1 inch above ground	All plants in fruit	
CVR2-12	Western wheatarass	7	2 meters	15 inches	1 inch aboveground	All plants in fruit Strong plants	
CVR2-12	Western wheatgrass	5	2 meters	8 inches	1 inch aboveground	4 plants vegetative, 1 in fruit. One plant run	
CVR2-14	Western wheatarass	5	1 meter	10 inches	1 inch aboveground	3 plants vegetative 2 in fruit	
CVR2-14	Western wheatgrass	7	2 meters	8 inches	1 inch aboveground	2 plants vegetative, 5 in fruit. 3 run over but	
CVR2-16	Western wheatgrass	5	1 meter	1 foot	1 inch aboveground	3 plants vegetative, 2 in fruit. Other plants not sampled were run over.	
CVR2-17	Western wheatgrass	5	2 meters	6 inches	1 inch aboveground	All vegetative. 2 run over.	
CVR2-18	Bluebunch wheatgrass	6	2 meters	7 inches	1 inch aboveground	5 vegetative, 1 in fruit.	

					Aboveg	round Sample
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
CVR2-19	Western wheatgrass	5	2 meters	foliage to 14 inches, culms to 2 feet	1 inch aboveground	All plants in fruit. Tire track crosses one plant but no obvious damage.
CVR2-20	Bluebunch wheatgrass	5	1 meter	15 inches	1 inch aboveground	All plants in fruit. Robust plants.
CVR2-21	Western wheatgrass	6	2 meters	8 inches	1 inch aboveground	3 plants vegetative, 3 in fruit. One plant run over.
CVR2-22	Western wheatgrass	5	2 meters	8 inches	1 inch aboveground	1 plant vegetative, four in fruit. One run over.
CVR2-23	Western wheatgrass	5	3 meters	10 inches for foliage, culms taller	1 inch aboveground	2 plants vegetative, 3 plants in fruit.
CVR2-24	Western wheatgrass	5	2 meters	8 inches	1 inch aboveground	Four plants vegetative, one in fruit. One plant run over.
CVR2-25	Western wheatgrass	5	1 meter	12 inches foliage, culms to 18 inches	1 inch aboveground	All plants in fruit.
CVR2-26	Western wheatgrass	8	5 meters	3 - 5 inches	1 inch aboveground	7 plants vegetative, 1 in fruit. 3 plants mowed near solar structure.
CVR2-27	Bluebunch wheatgrass	8	2 meters	8 inch foliage, 15 inch culms	1 inch aboveground	1 plant vegetative, 7 in fruit.
CVR2-28	Bluebunch wheatgrass	6	2 meters	1 foot	1 inch aboveground	1 plant vegetative, 5 in fruit.
CVR2-29	Bluebunch wheatgrass	9	3 meters	8 inches	1 inch aboveground	2 plants vegetative, 7 in fruit. One plant mowed.
CVR2-30	Western wheatgrass	6	5 meters	6 inches	1 inch aboveground	4 plants vegetative, 2 in fruit. 1 plant mowed.
CVR2-31	Western wheatgrass	8	3.5 meters	10 inches	1 inch aboveground	6 plants vegetative, 2 in fruit.
CVR2-32	Western wheatgrass	5	5 meters	12 inches	1 inch aboveground	look run-over. All plants 4 to 5 meters from centerpoint.
CVR2-33	Western wheatgrass	8	3 meters	5 inches	1 inch aboveground	6 plants vegetative, 2 in fruit. Two look run over.
CVR2-34	Western wheatgrass	10	5 meters	6 inches	1 inch aboveground	All plants vegetative. Barren site, all plants 4 to 5 meters from center.
CVR2-35	Western wheatgrass	5	3.5 meters	8 inches foliage, 15 inches with culms	1 inch aboveground	1 plant vegetative, 4 flowering/fruiting.
CVR2-36	Indian ricegrass	5	4 meters	10 inches	1 inch aboveground	All in fruit and healthy.
Grasses - 3 Foot	Soll Cover			· · · · · · · · · · · · · · · · · · ·		1 plants vegetative 4 in fruit A little
CVR3-1	Western wheatgrass	5	1 meter	14 inches	1 inch aboveground	yellowing on leaves
CVR3-2	Western wheatgrass	5	1 meter	12 inches	1 inch aboveground	All plants in fruit. 2 have black spots on foliago
CVR3-4	Western wheatgrass	5	1 meter	18 inches	1 inch aboveground	All plants in fruit.
CVR3-5	Bluebunch wheatgrass	7	1 meter	16 inches	1 inch aboveground	3 plants vegetative, 4 in fruit.
CVR3-6	Western wheatgrass	8	1.5 meters	18 inches	1 inch aboveground	All plants in fruit.
CVR3-7	Western wheatgrass	5	2 meters	12 inches	1 inch aboveground	1 plant vegetative, 4 plants in fruit. 4 plants slightly damaged by being run over.
CVR3-8	Western wheatgrass	5	1 meter	16 inches	1 inch aboveground	1 vegetative, 4 flowering/fruiting. All have discolored, senescing leaves. 3 run over but light damage.
CVR3-9	Western wheatgrass	6	1 meter	12 inches	1 inch aboveground	4 plants vegetative, 2 in fruit. 1/2 of plants have spotting and discoloration on leaves.
CVR3-10	Bluebunch wheatgrass	10	1.5 meters	8 inches (4 at 15 inches, 6 at 4 inches)	1 inch aboveground	6 plants vegetative, 4 plants in fruit. Some had lots of standing dead in clumps. All plants dirty in bottom 2 inches.
CVR3-11	Western wheatgrass	5	1 meter	16 inches	1 inch aboveground	2 plants vegetative, 3 in fruit. About 10% discoloration on leaves.
CVR3-12	Western wheatgrass	6	1.5 meters	14 inches	1 inch aboveground	3 plants vegetative, 3 in fruit.
CVR3-13	Indian ricegrass	7	1.5 meters	14 inches	1 inch aboveground	All plants in fruit.
CVR3-14	Bluebunch wheatgrass	8	1.5 meters	8 inches	1 inch aboveground	6 plants vegetative, 2 in fruit. Vegetative plants 4 inches tall, flowering plants 14 inches.
CVR3-15	Bluebunch wheatgrass	6	1 meter	3 at 14 inches, 3 at 7 inches	1 inch aboveground	3 plants vegetative, 3 in fruit.
CVR3-16	Western wheatgrass	5	1 meter	14 inches	1 inch aboveground	All plants in fruit. All had spots and discoloration on leaves. Black spots on about 10% of foliage. All plants dusty at base.
CVR3-17	Western wheatgrass	8	2 meters	12 inches	1 inch aboveground	3 plants vegetative, 5 in fruit. Some discoloration on foliage.
CVR3-18	Western wheatgrass	6	2 meters	16 inches	1 inch aboveground	All plants in fruit.
CVR3-19	Bluebunch wheatgrass	7	1.5 meters	14 inches	1 inch aboveground	All plants in fruit.
UVR3-2U	western wheatgrass	<u>э</u>	1.5 meters	∠∪ INCNES	i inch aboveground	All plants in fruit. All plants in fruit Two plants have spotting
CVR3-21	Western wheatgrass	5	1.5 meters	18 inches	1 inch aboveground	and discoloration on some leaves, about 20% of foliage.

					Aboveg	round Sample	
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description	
CVR3-22	Bluebunch wheatgrass	5	2 meters	16 inches	1 inch aboveground	1 plant vegetative, 4 in fruit.	
CVR3-23	Western wheatgrass	5	1.5 meters	12 inches	1 inch aboveground	2 plants vegetative, 3 in fruit. Some spotting and discoloration, two plants have about 10% of foliage with black spots. About half of plants have hydromulch on them.	
CVR3-24	Western wheatgrass	5	1 meter	12 inches	1 inch aboveground	2 plants vegetative, 3 in fruit. About 10% yellowing on leaves.	
CVR3-25	Western wheatgrass	5	1 meter	16 inches	1 inch aboveground	All plants in fruit. Two have spotting and discoloration on leaves.	
CVR3-26	Western wheatgrass	5	2 meters	24 inches	1 inch aboveground	All plants in fruit. A little dusty.	
CVR3-28	Western wheatgrass	6	2 meters	15 inches	1 inch aboveground	All plants in fruit. One has rusty spots, one is	
CVR3-29	Western wheatgrass	6	2 meters	12 inches	1 inch aboveground	1 plant vegetative, 5 in fruit. Two plants dirty.	
		7	2 motoro	7 inches (culms	1 inch choverround	3 plants vegetative, 4 flowering/fruiting. All a	
		7		to 1 foot)		little dusty.	
CVR3-31	vvestern wneatgrass	6	2.5 meters	10 Inches	1 Inch from ground	2 plants vegetative, 4 in fruit.	
CVR3-32	Bluebunch wheatgrass	6	2 meters	10 inches	2 inches above ground to avoid dead material at based.	All plants flowering/fruiting. Most plants at this location have more standing dead material than typical for this species.	
CVR3-33	Western wheatgrass	5	2 meters	18 inches	1 inch aboveground	All plants flowering/fruiting.	
CVR3-34	Western wheatgrass	5	2 meters	10 inches	1 inch aboveground	chlorosis as well as rusting on leaves. 1 plant dirty towards bottom.	
CVR3-35	Bluebunch wheatgrass	9	4 meters	15 inches with culms	1 inch aboveground	4 plants vegetative, 5 in fruit. Sampling radius increased from 3 meters to 4 meters to get enough plant material for duplicate.	
CVR3-36	Western wheatgrass	5	1 meter	Not recorded	1 inch aboveground	1 plant vegetative, 4 in fruit. 1 plant has 25% purple splotches on foliage.	
Forbs - 1 Foot S	oil Cover	1					
	No forb sample	-	-	-	-	- All plants vegetative (first vear), Powderv	
CVR1-2	Yellow sweetclover	4	3 meters	1 inch	0.5 inch from ground	mildew on all plants. 2 plants vegetative, 3 flowering/fruiting.	
CVR1-3	Yellow sweetclover	5	4 meters	1 inch to 2 feet	1 inch from ground or mainstem	Powdery mildew on vegetative plant. Flowering plants had dry foliage.	
CVR1-4	Yellow sweetclover	3	3 meters	1 inch	0.5 Inch above ground	on most of the leaves.	
CVR1-5	Yellow sweetclover	6	3 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting.	
CVR1-6	Yellow sweetclover	5	2.5 meters	9 inches (range 1 inch to 3 feet)	1 inch from ground or mainstem	flowering/fruiting and about 3 feet tall. Powdery mildew on one vegetative plant.	
CVR1-7	Yellow sweetclover	5	2 meters	1 inch to 2 feet	1 inch from ground or mainstem	3 plants vegetative, 2 flowering/fruiting. Plants look dry.	
CVR1-8	Yellow sweetclover	5	2 meters	3 feet	1 inch from mainstem	All plants flowering/fruiting.	
CVR1-9	Yellow sweetclover	5	2 meters	1 inch to 18	1 inch from ground	1 plant vegetative, 4 plants flowering/fruiting.	
CVR1-10	Yellow sweetclover	5	1.5 meters	1 - 12 inches	1 inch from ground or mainstem	3 plants vegetative (first year), 2 plants flowering fruiting. Powdery mildew on one plant. One flowering plant in poor shape with thin, dry stems.	
CVR1-11	Yellow sweetclover	5	2 meters	3 feet	1 inch from mainstem	All plants flowering/fruiting	
CVR1-12	Yellow sweetclover	6	1 meter	1 to 3 inches	0.5 inch from ground	All plants vegetative. First year plants. Powdery mildew.	
CVR1-13	Yellow sweetclover	5	1 meter	1 inch to 18 inches	1 inch from ground or mainstem	3 plants vegetative, 2 plants flowering/fruiting. Powdery mildew on two of the young (vegetative) plants	
CVR1-14	Yellow sweetclover	5	1 meter	12 - 18 inches	1 inch from mainstem	All plants flowering/fruiting/	
CVR1-15	Yellow sweetclover	5	2 meters	8 - 24 inches	1 inch from mainstem	All plants flowering/fruiting.	
CVR1-16	Yellow sweetclover	5	2 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting	
CVR1-17	Yellow sweetclover	5	2 meters	2 inches to 2 feet	1 inch from ground or mainstem	2 plants vegetative and prostrate, 3 flowering/fruiting. 2 young plants have extensive powdery mildew.	
CVR1-18	Yellow sweetclover	5	2 meters	12 - 18 inches	1 inch from mainstem	All plants flowering/fruiting. Very dry, thin stems.	
CVR1-19	Yellow sweetclover	5	2 meters	12 - 18 inches	1 inch from mainstem	All plants flowering/fruiting. Powdery mildew on leaves of one plant.	
CVR1-20	Yellow sweetclover	5	2 meters	1 - 2.5 feet	1 inch from mainstem	All plants flowering/fruiting	

				Aboveground Sample		
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
CVR1-21	Yellow sweetclover	5	1 meter	3 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-22	Yellow sweetclover	5	1 meter	2 feet	1 inch from mainstem	All plants flowering/fruiting. Broken stems on one plant.
CVR1-23	Yellow sweetclover	5	2 meters	1 - 24 inches	1 inch from mainstem or ground	2 plants vegetative, 3 plants flowering/fruiting.
CVR1-24	Yellow sweetclover	5	1 meter	3 feet	1 inch from mainstem	All plants flowering/fruiting.
CVR1-25	Yellow sweetclover	5	2 meters	18 inches	1 inch from mainstem	All plants vegetative.
CVR1-26	Yellow sweetclover	5	1 meter	2 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-27	Yellow sweetclover	5	1.5 meters	1 - 3 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-28	Yellow sweetclover	5	2 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-29	Yellow sweetclover	5	2 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-30	White sagebrush	5	2 meters	3 - 18 inches	3 inches aboveground	4 plants vegetative, 1 flowering. Bent and broken stems present.
CVR1-31	Yellow sweetclover	5	2.5 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-32	Yellow sweetclover	5	2 meters	2 inches	1 inch aboveground	All plants vegetative (first year)
CVR1-33	Yellow sweetclover	5	2.5 meters	1 - 2 feet	1 inch from mainstem	All plants flowering/fruiting
CVR1-34	Yellow sweetclover	5	2 meters	2 inches	1 inch aboveground	All plants vegetative. Powdery mildew present on most.
CVR1-35	Yellow sweetclover	5	2 meters	10 inches	1 inch from mainstem	2 vegetative and prostrate, 3 flowering/fruiting and 15 inches tall. Some insect damage.
CVR1-36	White sagebrush	5	2 meters	9 inches	1-2 inches aboveground	2 flower/fruiting, 3 vegetative. Some broken stems.
Forbs – 2 Foot S	oil Cover	1				
CVR2-1	Alfalfa	5	3 meters	12 inches (3 at 18 inches, 2 at 1- 2 inches)	ends of stems at various heights	2 vegetative, 1- 2 inches tall; 3 flowering/fruiting, with plants 18 inches high and 36 inches diameter. One plant has powdery mildew.
CVR2-2	Yellow sweetclover	5	5 meters	18 inches	1 inch from mainstem	All flowering/fruiting. One weak, seemed to be dying back.
CVR2-3	Yellow sweetclover	5	3 meters	12 inches	0.5 - 1 inch from mainstem or ground	2 plants vegetative and 1 inch tall, 3 plants flowering/fruiting and about 24 inches tall. One plant with dry stems, another with dead stems.
CVR2-4	Yellow sweetclover	5	2 meters	1 - 3 feet	1 inch from mainstem	All plants flowering/fruiting.
CVR2-5	No forb sample	-	-	-	-	-
CVR2-6	Yellow sweetclover	5	3 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting. Dry stems on one.
CVR2-7	Yellow sweetclover	6	3 meters	18 inches	1 inch from mainstem	1 plants vegetative and 1 inch tall, 5 flowering/fruiting.
CVR2-8	Yellow sweetclover	5	1 meter	Not recorded	1 inch aboveground	Not recorded
CVR2-9	Yellow sweetclover	5	1 meter	1 foot	1 inch from mainstem or ground	All flowering/fruiting. 3 mowed and now regrowing to about 6 inches. One dirty.
CVR2-10	Yellow sweetclover	5	2 meters	18 inches	1 inch from mainstem.	1 plant vegetative, 4 flowering/fruiting. One has some trampling damage, a second one some insect damage.
CVR2-11	Yellow sweetclover	5	1 meter	15 inches	1 inch from mainstem	2 plants vegetative, 3 flowering/fruiting. Powdery mildew on first-year plants.
CVR2-12	White sagebrush	5	5 meters	8 inches	1 inch aboveground	3 plants vegetative, 2 in flower. All plants on perimeter of 5 meter circle.
CVR2-13	Yellow sweetclover	5	2 meters	1 foot, large ones to 2 feet	1 inch from mainstem	2 plants vegetative (first-year), 3 plants flowering/fruiting. Some other plants closer to sample point not used because senescent or damaged from being run over. 2 of sample plants run over.
CVR2-14	Yellow sweetclover	5	2 meters	1 foot, largest are 2 feet	1 inch from mainstem	3 plants vegetative (first-year), 2 plants flowering/fruiting. One flowering plant run over and damaged.
CVR2-15	Yellow sweetclover	5	1 meter	10 inches	1 inch from mainstem	3 plants vegetative, 2 flowering/fruiting. One plant has some yellow leaves. One plant run over, with some damage.
CVR2-16	Yellow sweetclover	5	1 meter	2 feet	1 inch from mainstem	All plants flowering/fruiting. 4 plants run over, big broken parts.
CVR2-17	Yellow sweetclover	5	2 meters	10 inches	1 inch aboveground	All plants flower/fruiting. All run over, with dried out broken stems.
CVR2-18	White sagebrush	7	2 meters	8 inches	1 inch aboveground	4 plants vegetative, 3 flowering/fruiting. One run over with damage, one has light insect damage.

				Abovegro		round Sample
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
CVR2-19	Prickly Russian thistle	5	2 meters	8 inches	1 inch from mainstem	All plants in fruit. One has large chunk broken off and dry.
CVR2-20	Yellow sweetclover	5	1.5 meters	2 feet	1 inch from mainstem	All plants flowering/fruiting.
CVR2-21	White sagebrush	6	3 meters	4 inches	1 inch aboveground	4 plants vegetative, 2 in flower. 2 run over. All plants quite dirty.
CVR2-22	Yellow sweetclover	5	2 meters	1 foot	1 inch from mainstem or ground	2 plants vegetative (first year), 3 plants flowering/fruiting. 1 plant has broken mainstem, not recent damage.
CVR2-23	White sagebrush	5	3 meters	12 inches	1 inch from mainstem; or 1 inch aboveground for one small plant	2 plants vegetative, 3 plants in flower. Three plants run over.
CVR2-24	Yellow sweetclover	5	3 meters	1 foot	1 inch from mainstem	All plants flowering/fruiting. All run over.
CVR2-25	White sagebrush	5	2 meters	6 inches	1 inch aboveground	2 plants vegetative, 3 in bud.
CVR2-26	White sagebrush	7	5 meters	3 - 4 inches	1 inch aboveground	over, 3 plants very dusty.
CVR2-27	Yellow sweetclover	5	2 meters	2 feet for second year plants, 1 inch for first-years	1 inch from mainstem	2 plants vegetative (first year), 3 plants flowering/fruiting.
CVR2-28	Yellow sweetclover	5	2 meters	2 - 3 feet	1 inch from mainstem	All plants flowering/fruiting. 2 have broken stems from being run over by vehicles.
CVR2-29	Yellow sweetclover	5	2 meters	2 feet	1 inch from mainstem	All plants flowering/fruiting. All plants run- over.
CVR2-30	Yellow sweetclover	5	2 meters	2 feet	1 inch from mainstem	All plants flowering/fruiting. One run over.
CVR2-31	Yellow sweetclover	5	1 meters	24 inches for flowering plants	1 inch from ground	1 plant vegetative. 4 in flower/fruit. 2 run over with broken stems.
CVR2-32	White sagebrush	5	4 meters	8 inches (2 large, 3 small)	1 inch from ground or mainstem	3 plants vegetative, 2 in fruit. 2 look run over. 1 with small amount of insect damage.
CVR2-33	Yellow sweetclover	7	2 meters	4 inches	1 inch from mainstem or ground	4 plants vegetative (first year), 3 flowering/fruiting. All looked run-over. All somewhat dusty.
CVR2-34	White sagebrush	5	4 meters	8 inches	1 inch aboveground	1 plant vegetative, 4 plants in fruit.
CVR2-35	White sagebrush	6	3.5 meters	1 foot	1 inch aboveground	2 plants vegetative, 4 in fruit, one has dead and damaged stems from being run over. Lots of dust at base of stems; dirty parts were not included in sample.
CVR2-36	Yellow sweetclover	5	4 meters	15 inches	1 inch from mainstem	Sample included both vegetative (first-year) and flowering/fruiting plants but numbers not recorded. Plants healthy though not large.
Forbs – 3 Foot S	oil Cover	L		<u></u>		
CVR3-1	Yellow sweetclover	5	3 meters	20 inches	1 inch from mainstem	All plants in flower/fruit. One plant 50% dead.
CVR3-2	Yellow sweetclover	5	2 meters	36 inches	1 inch from mainstem	All plants in flower/fruit. All losing leaves. Plant with most leaf loss has stopped flowering.
CVR3-3	White sagebrush	5	3 meters	8 inches	1 inch from ground	4 plants vegetative, 1 in flower/fruit. One plant in poor condition, dying back. All plants dirty from dust and hydromulch.
CVR3-4	White sagebrush	7	3 meters	4 inches	1 inch from ground	6 plants vegetative, 1 in fruit. 2 plants had strong dieback of about 40%. All plants dirty.
CVR3-5	Yellow sweetclover	5	1.5 meters	16 inches	1 inch from mainstem	All plants in flower/fruit. Most losing leaves. Other sweetclover plants at this location are already dead.
CVR3-6	White sagebrush	5	2 meters	12 inches	1 inch from ground	All plants in flower/fruit. 2 slightly damaged by trampling. All slightly dirty.
CVR3-7	White sagebrush	5	2.5 meters	10 inches	1 inch from ground	All plants flowering/fruiting. 3 run over, one severely damaged. All plants dirty.
CVR3-8	Yellow sweetclover	5	5 meters	11 inches (2 at 24 inches, 3 at 2 inches)	1 inch from mainstem	3 plants vegetative and prostrate, 2 flowering and about 24 inches tall. Flowering plants have sparse leaves. One of vegetative plants has 50% yellowish, dying leaves, another has powdery mildew.
CVR3-9	White sagebrush	5	4 meters	20 inches	1 inch from mainstem	All plants flowering/fruiting. One has severe damage from being run over. All plants dusty in bottom several inches.
CVR3-10	White sagebrush	5	5 meters	12 inches	1 inch from ground	All plants in fruit. Leaves withering at base of stems. All were dirty.
CVR3-11	Yellow sweetclover	5	3 meters	24 inches	1 inch from mainstem	All plants flowering/fruiting. Sparse foliage on some, with few stems.
CVR3-12	White sagebrush	5	2 meters	8 inches	1 inch aboveground	2 plants vegetative, 3 flowering/fruiting. 3 damaged by being run over. All were dusty.

					Aboveg	round Sample
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
CVR3-13	White sagebrush	4	5 meters	10 inches	1 inch aboveground	1 plant vegetative, 3 flowering/fruiting. 3 run over, All plants dirty.
CVR3-14	Yellow sweetclover	5	1.5 meters	27 inches (except first year)	1 inch from mainstem	1 plant vegetative and prostrate, 4 flowering/fruiting. All plants with some leaf loss. Plants not sampled appeared affected by dryness. One plant damaged by being run over.
CVR3-15	Yellow sweetclover	8	1 meter	18 inches	1 inch from ground on most	All plants flowering/fruiting. Foliage rather sparse on all, flowers sparse on several.
CVR3-16	Yellow sweetclover	5	2.5 meters	6 inches	1 inch from mainstem	3 plants vegetative (first year), 2 plants flowering/fruiting. All leaves have yellowish tint, one plant has powdery mildew. All 1st- year (prostrate) plants are dirty.
CVR3-17	Yellow sweetclover	5	2 meters	1 plant 20 inches, 4 are 2 inches	1 inch from mainstem	4 plants vegetative (first year), 1 flowering/fruiting. 4 have powdery mildew, 2 have a few yellowing leaves.
CVR3-18	Yellow sweetclover	5	2 meters	24 inches	1 inch from mainstem	All plants flowering/fruiting. 3 damaged by being run over, one of which appears to be drying. Powdery mildew present on one otherwise healthy plant
CVR3-19	White sweetclover	5	3 meters	48 inches	1 inch from mainstem	All plants flowering/fruiting. Very robust. There are many rosettes (first year) plants which could be white and/or yellow sweetclover.
CVR3-20	Yellow sweetclover	5	1.5 meters	26 inches	1 inch from mainstem	One plant vegetative, 4 flowering/fruiting. Two plants damaged from being run over. There was about 40% dieback of foliage on all 4 flowering plants.
CVR3-21	White sagebrush	5	2 meters	10 inches	1 inch aboveground	2 plants vegetative, 3 flowering/fruiting. 3 damaged by being run over.
CVR3-22	Yellow sweetclover	5	2 meters	4 inches (tallest about 12 inches)	1 inch from mainstem	4 plants vegetative and prostrate, 1 flowering/fruiting and about 12 inches tall. One damaged by trampling. Powdery mildew and aphids present, black spots on one.
CVR3-23	White sagebrush	5	2.5 meters	12 inches	1 inch aboveground	1 plant vegetative, 4 flowering/fruiting. One damaged by being run over, another has black spots and insect damage. All have hydromulch splashed on them.
CVR3-24	Yellow sweetclover	5	1 meter	1-3 inches	At mainstem (plants prostrate)	All plants vegetative, first year and prostrate. One run over with some damage. Some insect damage on another. All plants dusty.
CVR3-25	Yellow sweetclover	5	3 meters	2 inches	1 inch from mainstem	All plants vegetative (first year). Very small amount of yellow leaves (1-2%). Plants a little dusty.
CVR3-26	Yellow sweetclover	5	3 meters	27 inches	1 inch from mainstem	All plants flowering/fruiting. Some seasonal dieback.
CVR3-27	Yellow sweetclover	5	2 meters	24 inches	1 inch from mainstem	All plants flowering/fruiting. Slight damage to 2 or 3 run over plants.
CVR3-28	Yellow sweetclover	5	2 meters	2.5 feet	1 inch from mainstem	All plants flowering/fruiting. Some end of season dieback evident - sparse foliage and flowers.
CVR3-29	White sagebrush	5	2 meters	7 inches	1 inch aboveground	All plants in fruit. 2 lightly damaged by trampling. All plants dusty.
CVR3-30	Yellow sweetclover	5	2 meters	24 inches	1 inch from mainstem	All plants flowering/fruiting. Two plants run over and in poor condition. Other plants not sampled exhibited seasonal dieback. Some evidence of seasonal dieback on sampled plants.
CVR3-31	White sagebrush	5	2.5 meters	12 inches	1 inch from ground	4 plants moderately damaged and dirty from being run over. Other plants not sampled had severe damage.
CVR3-32	Yellow sweetclover	20	2 meters	3 inches	1 inch from mainstem.	All plants vegetative, all are small first-year plants. About half of foliage is affected by dry conditions and/or frost.
CVR3-33	Yellow sweetclover	5	2 meters	2.5 feet	1 inch from mainstem	All plants flowering/fruiting.
CVR3-34	White sagebrush	6	2.5 meters	7 inches	1 inch aboveground	3 plants vegetative, 3 flowering/fruiting. 2 damaged by being run over. All plants dusty.
CVR3-35	White sagebrush	5	5 meters	15 inches	1 inch aboveground	1 plant vegetative, 4 in fruit. 3 plants run over and damaged. All plants dirty.
CVR3-36	White sagebrush	4	5 meters	10 inches	1 inch from ground	2 plants vegetative, 2 in fruit. 1 plant mostly smashed from being run-over, two others have some damage. Some dirt on 2.

					Aboveg	round Sample
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
Shrubs – 1 Foot	Soil Cover					
CVR1-1	Rubber rabbitbrush	8	4 meters	10 - 18 inches	1 inch aboveground	All plants vegetative.
CVR1-2	No shrub sample	-	-	-	-	-
CVR1-3	Rubber rabbitbrush	5	5 meters	8 inches	1 inch aboveground	All plants vegetative
CVR1-4	No shrub sample	-	-	-	-	-
CVR1-5	Rubber rabbitbrush	4	5 meters	8 - 18 inches	1 inch aboveground	3 plants vegetative, one in flower. Stem
CVR1-6	No shrub sample	-	-		-	
CVR1-7	No shrub sample	-	-	-	-	-
CVR1-8	No shrub sample	-	-	-	-	-
	Winterfat	5	5 motors	3 - 10 inches	1 to 2 inches	All plants vegetative. Dust on most plants
CVRI-9	Wintenat	5	5 meters	3 - TO Inches	aboveground	
CVR1-10	No shrub sample	-	-	-	-	-
CVR1-11	No shrub sample	-	-	-	- O in chose a have	-
CVR1-12	Rubber rabbitbrush	5	5 meters	10 - 12 inches	ground	road.
CVR1-13	No shrub sample	-	-	-	-	-
CVR1-14	No shrub sample	-	-	-	-	-
CVR1-15	No shrub sample	-	-	-	- 0.5 inch abovo	-
CVR1-16	Winterfat	3	5 meters	1 to 6 inches	ground	All plants vegetative. Some dust.
CVR1-17	No shrub sample	-	-	-	-	-
CVR1-18	No shrub sample	-	-	-	-	-
CVR1-19	No shrub sample	-	-	-	-	-
CVR1-20	No shrub sample	-	-	-	-	-
CVR1-22	No shrub sample	-	-	-	-	-
CVR1-23	No shrub sample	-	-	-	-	-
CVR1-24	No shrub sample	-	-	-	-	-
CVR1-25	No shrub sample	-	-	-	-	-
CVR1-26	Winterfat	5	5 meters	6 - 18 inches	1 inch aboveground	All plants vegetative. Visible dust on some plants.
CVR1-27	Winterfat	4	3 meters	2 - 6 inches	1 inch aboveground	All plants vegetative. Lower weight sample.
CVR1-28	No shrub sample	-	-	-	-	-
CVR1-29	Rubber rabbitbrush	3	2 meters	12 inches	1 inch from mainstem or ground	2 plants vegetative, one flowering. Insect galls on flowering plant.
CVR1-30	No shrub sample	-	-	-	-	-
CVR1-31	Rubber rabbitbrush	2	2.5 meters	6 - 24 inches	3 inches	One plant vegetative, one flowering. Moderate amount of insect galls on larger, flowering plant
CVR1-32	No shrub sample	-	-	-	-	-
CVR1-33	No shrub sample	-	-	-	-	-
CVR1-34	No shrub sample	-	-	-	-	-
CVR1-35	Rubber rabbitbrush	4	4 meters	10 inches	1 to 2 inches aboveground	All plants vegetative.
CVR1-36	Rubber rabbitbrush	5	5 meters	8 inches (range 1 -12 inches)	3 to 5 inches aboveground	Two plants vegetative, 2 in flower
Shrubs – 2 Foot	Soil Cover		•			r
CVR2-1	No shrub sample	-	-	-	-	-
CVR2-2	No shrub sample	-	-	-	-	-
	No shrub sample	-	-	-	-	-
CVR2-4	No shrub sample	-	-	-	-	-
CVR2-6	No shrub sample	-	-	-	-	-
CVR2-7	No shrub sample	-	-	-	-	-
CVR2-8	No shrub sample	-	-	-	-	-
CVR2-9	Winterfat	6	5 meters	5 inches	1 inch from ground	All plants vegetative. Three run over, one of them very dirty.
CVR2-10	Rubber rabbitbrush	2	5 meters	10 inches	1 inch from mainstem	Both plants vegetative. Insect galls on both.
CVR2-11	Yellow rabbitbrush	6	5 meters	8 inches	1 inch from mainstem	2 plants vegetative, 4 in flower. 3 run-over and damaged with broken stems and brown leaves.
CVR2-12	Winterfat	5	5 meters	8 inches	1 inch from ground, mostly; 1 inch from mainstem on 1	4 plants vegetative, 1 plant flowering/fruiting. Plants mostly at perimeter of 5 meter circle. 2 plants dirty.
CVR2-13	Winterfat	4	5 meters	6 inches	1 inch aboveground	All plants vegetative. Two run over.
CVR2-14	Winterfat	5	5 meters	10 inches	1 inch aboveground	All plants vegetative. Two have a lot of attached dead material. One run over.
CVR2-15	Rubber rabbitbrush	2	3.5 meters	10 inches	1 inch aboveground	Both vegetative. No additional rubber rabbitbrush to 5 meters from center. Both run over, some broken stems.
CVR2-16	Rubber rabbitbrush	6	5 meters	1 foot	1 inch from mainstem	All plants vegetative. 2 run over - flattened but not broken. 3 have insect galls.
CVR2-17	No shrub sample	-	-		-	-
CVR2-18	No shrub sample	-	-	-	-	-
CVR2-19	Winterfat	3	5 meters	18 inches	1 inch from mainstem or ground	All plants vegetative.

				Aboveground Sample		
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description
CVR2-20	Rubber rabbitbrush	3	5 meters	10 inches	1 inch aboveground	All plants vegetative.
CVR2-21	Rubber rabbitbrush	2	5 meters	1 foot	1 inch from mainstem	One plant vegetative, one flowering. 1 run over, the other has insect galls.
CVR2-22	Winterfat	4	5 meters	8 inches	1 inch aboveground	All plants vegetative. All appear dry, losing leaves.
CVR2-23	Winterfat	3	5 meters	1 foot	1 inch from mainstem	All plants vegetative, 2 larger, one small. All three dirty.
CVR2-24	Rubber rabbitbrush	3	5 meters	8 inches	1 inch aboveground	2 plants vegetative, one in flower.
CVR2-25	Yellow rabbitbrush	6	5 meters	8 inches	mostly 1 inch aboveground	1 plant vegetative, 5 plants in flower. Many leaves look brown, as if they are dying. One plant run-over.
CVR2-26	No shrub sample	-	-	-	-	-
CVR2-27	Rubber rabbitbrush	5	2 meters	1 foot	1 inch from mainstem or ground	All plants vegetative. One plant run-over, less healthy than others. 3 plants have insect galls.
CVR2-28	Rubber rabbitbrush	3	2.5 meters	9 inches	1 inch from mainstem	All plants vegetative. One run-over, with broken stems.
CVR2-29	Rubber rabbitbrush	7	4 meters	6 inches	1 inch from mainstem	All plants vegetative. Two mowed (around electrical boxes). One has insect galls.
CVR2-30	Rubber rabbitbrush	3	5 meters	2 at 1 foot, 1 at 4 inches	1 inch from mainstem	1 plant vegetative, 2 in flower. Smallest plant has been mowed. Insect galls present.
CVR2-31	No shrub sample	-	-	-	-	-
CVR2-32	No shrub sample	-	-	-	-	-
CVR2-33	No shrub sample	-	-	-	-	-
CVR2-34	No shrub sample	-	-	-	-	-
CVR2-35	No shrub sample	-	-	-	-	-
Shrubs – 3 Foot	Soil Cover					
CVR3-1	Winterfat	5	3 meters	14 inches	1 inch from mainstem	4 plants vegetative, 1 in flower/fruit. 4 have lost most of foliage, dry looking.
CVR3-2	Winterfat	5	2 meters	14 inches	1 inch from mainstem	leaves towards bottom of plants, 2 looking dry with small leaves. All plants dusty.
CVR3-3	Winterfat	5	4 meters	26 inches	1 inch from mainstem	All plants in flower/fruit. One has foliage dieback. Big healthy plants.
CVR3-4	Winterfat	5	4 meters	10 inches	1 inch aboveground	All plants vegetative. 4 look dry and are losing leaves.
CVR3-5	Rubber rabbitbrush	5	1.5 meters	14 inches	1 inch from mainstem	4 plants vegetative, 1 in flower. All have yellowing leaves with black tips.
CVR3-6	Rubber rabbitbrush	4	4 meters	16 inches	1 inch from mainstem	All plants in flower. 3 have light to moderate damage from being run over - broken branches, stripped leaves.
CVR3-7	Rubber rabbitbrush	5	4 meters	18 inches	1 inch aboveground	3 plants vegetative, 2 in flower. One plant has brown and black tips on foliage but is otherwise healthy. One has flowers bitten off by a mammalian herbivore. One has insect galls.
CVR3-8	Rubber rabbitbrush	2	5 meters	15 inches	1 inch aboveground	Both plants in flower. One has a little foliage dieback and slight damage from being run over. One dirty with hydromulch.
CVR3-9	Winterfat	3	5 meters	15 inches	1 inch from mainstem	1 plant vegetative, 2 in flower. Many leaves dying though the plants appear healthy. Moderate damage to 1 plant from being run over.
CVR3-10	Winterfat	5	3 meters	14 inches	1 inch from ground	4 plants vegetative, one flowering/fruiting and much larger. One plant severely damaged by being run over, two plants not vigorous, have small leaves. All plants dirty at base.
CVR3-11	Yellow rabbitbrush	8	4 meters	10 inches	1 inch from mainstem	All plants in flower. One run over and damaged.
CVR3-12	No shrub sample	-	-	-	-	-
CVR3-13	Winterfat	3	5 meters	18 inches	1 inch aboveground	1 plant vegetative, 2 flowering/fruiting. All run over, with moderate to severe damage. All had leaf dieback. All plants dirty.
CVR3-14	Rubber rabbitbrush	5	4 meters	20 inches	1 inch from mainstem	2 plants vegetative, 3 flowering/fruiting. 4 damaged by being run-over, two had insect galls.
CVR3-15	Rubber rabbitbrush	5	4 meters	12 inches	1 inch from ground	4 plants vegetative, 1 plant in flower. Some yellowing at bottoms of plants. One slightly damaged by being run over.
CVR3-16	Winterfat	5	4 meters	18 inches	Mostly 1 inch from ground (many stemmed plants)	4 plants vegetative, 1 in fruit. 3 plants had severe damage from being run over, with one possibly dying. Senescing leaves present on all.

					Aboveg	eground Sample		
Sample Location	Species	Number of Individuals Sampled	Radius of Sampling From Point (meters)	Average Height of Sampled Plants	Sampling/Clipping Height	Description		
CVR3-17	Rubber rabbitbrush	5	5 meters	18 inches	1 inch from mainstem	2 plants vegetative, 3 in flower. Some yellowing leaves. Insect galls on larger plants. One has abundant aphids/scale insects and ants. One has flowers nipped off by a mammalian herbivore. 3 plants dusty.		
CVR3-18	Winterfat	5	5 meters	16 inches	1 inch from ground (3) or mainstem (2)	2 plants vegetative, 3 flowering/fruiting. All damaged by being run over. One has very small leaves and all have some dieback on lower leaves.		
CVR3-19	Rubber rabbitbrush	5	3 meters	12 inches	1 inch from mainstem	All plants vegetative. A little yellowing and dieback observed. One plant had insect galls.		
CVR3-20	Rubber rabbitbrush	5	5 meters	10 inches	1 inch from mainstem	All plants vegetative. All had yellowing leaves, some with black tops. One damaged from being run over.		
CVR3-21	Winterfat	5	3 meters	15 inches	1 inch from ground or mainstem.	3 plants vegetative, 2 flowering/fruiting. 2 have small leaves and brittle stems.		
CVR3-22	Winterfat	3	5 meters	15 inches	1 inch from mainstem	2 plants vegetative, 1 flowering/fruiting. One damaged by being run over. All have some leaf dieback.		
CVR3-23	Winterfat	3	5 meters	20 inches	1 inch from mainstem	All plants flowering/fruiting. One has small leaves, others have some yellowing leaves at base of plants. Overall - two plants in good condition, 1 fair to good.		
CVR3-24	Rubber rabbitbrush	4	4 meters	15 inches	1 inch from mainstem	3 plants vegetative, 1 in flower. Some yellowing leaves on 3, one plant has black spots. One has tops (buds and/or flowers) bitten off (jackrabbit?). Plants dusty at base.		
CVR3-25	Winterfat	4	5 meters	12 inches	1 inch from mainstem	2 plants vegetative, 2 flowering/fruiting. 2 damaged from being run over and now losing leaves; another in poor condition, with few small leaves, appearing dry.		
CVR3-26	Winterfat	4	5 meters	18 inches	1 inch aboveground (3 small plants) or to mainstem (1 large plant)	3 plants vegetative, 1 in fruit. 3 have some dieback or sparse foliage on some stems, with leaves turning pink and senescing.		
CVR3-27	Rubber rabbitbrush	3	5 meters	20 inches	1 inch from mainstem	All plants vegetative. 2 have yellowing leaves, 1 insect gall.		
CVR3-28	Rubber rabbitbrush	8	2 meters	16 inches	1 inch from mainstem	4 plants vegetative, 4 in flower. Half of plants have sparse foliage.		
CVR3-29	Rubber rabbitbrush	5	3.5 meters	1 foot	1 inch from mainstem	4 plants vegetative, 1 in flower. A little		
CVR3-30	Rubber rabbitbrush	6	2 meters	1 foot	1 inch from	All plants vegetative.		
CVR3-31	Winterfat	4	5 meters	8 inches	1 inch from ground	All plants vegetative. All look in poor condition, one half dead, other 3 run over with severe damage, about 75% broken stems.		
CVR3-32	Rubber rabbitbrush	5	3 meters	1 foot	1 inch from mainstem	1 plant vegetation, 4 in flower. 1 has yellowish leaves, 2 have slight damage from being run over or trampled. Some dust on plants.		
CVR3-33	Rubber rabbitbrush	5	4 meters	18 inches	1 to 6 inches from mainstem	2 plants vegetative, 3 in flower. One has yellowed leaves (about 20%), another mostly yellowish.		
CVR3-34	Winterfat	5	3 meters	10 inches	1 inch aboveground	2 plants vegetative, 3 flowering/fruiting. 1 plants has about 50% dead stems, another has off-color leaves.		
CVR3-35	Winterfat	4	5 meters	18 - 20 inches	1 inch aboveground or from mainstem	3 plants vegetative, 1 flowering/fruiting. 1 large plant has some dead stems, and reduced foliage towards bottom on other stems.		
CVR3-36	Winterfat	4	5 meters	1 foot (2 at 6 inches, 2at 2 feet)	1 inch aboveground	All plants vegetative. 1 plant has about 40% dieback - stems with no leaves. Another heavily damaged from being run over.		

Note:

See Table 2 for scientic plant name

- = denotes the plant lifeform was not available.

Table 4VEGETATION SAMPLING RADIUS AND NUMBER OF PLANTS
CMI Questa Mine
Soil and Vegetation Sampling Event
August-September 2014

			Sa	mpling Rad	ius	Number	r of Plants in	Sample
	Total Samples Collected	No Sample Available	1-2 m	2.5-3.5 m	4 - 5m	5 or more	4 Plants	2-3 Plants
Grass Samples			_					
1-foot cover depth	36	0	15	16	5	35	1	0
2-foot cover depth	36	0	20	6	10	36	0	0
3-foot cover depth	36	0	32	3	1	36	0	0
Total grass samples	108	0	67	25	16	107	1	0
% of sampling locations	100.0	0.0	62.0	23.1	14.8	99.1	0.9	0.0
Forb Samples								
1-foot cover depth	35	1	28	6	1	33	1	1
2-foot cover depth	35	1	21	8	6	35	0	0
3-foot cover depth	36	0	18	12	6	34	2	0
Total forb samples	106	2	67	26	13	102	3	1
% of sampling locations	98.1	1.9	62.0	24.1	12.0	94.4	2.8	0.9
Shrub Samples								
1-foot cover depth	12	24	1	2	9	6	3	3
2-foot cover depth	19	17	1	2	16	8	2	9
3-foot cover depth	35	1	4	7	24	22	7	6
Total shrub samples	66	42	6	11	49	36	12	18
% of sampling locations	61.1	38.9	5.6	10.2	45.4	33.3	10.2	16.7

Notes:

% = percent

m = meter

Table 5 SOIL LABORATORY ANALYTICAL RESULTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

		Soil									
Cover Depth	Sample		T01N-SOL			T02N-SOL					
Plot	Location	Sampl	e Depth 0 - 3 i	nches	Samp	le Depth 6 - 8 i	nches				
		Molybdenum	Copper	Sulfate	Molybdenum	Copper	Sulfate				
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)				
	CVR1-1 CVR1-2	3.8 J 2 4 J	23.0 J 21.8 J	4.35 J 5.05 J	2.3 J	<u> </u>	3.87 J 11 7 J				
Cover Depth Plot	CVR1-3	2.0 J	13.8 J	4.62 J	2.3 J	20.4 J	17.2 J				
	CVR1-4	3.6 J	24.0 J	8.55 J	2.5 J	21.3 J	6.45 J				
	CVR1-5	8.9 J	<u>26.1 J</u>	205 J	20.0 J	<u>29.6 J</u>	677 J				
	CVR1-0 CVR1-7	3.6 J 24 3 J	36.1.1	7 32 J	6.5.J	26.5 J	6 22 J				
	CVR1-8	1.1 J	10.5 J	260 J	1.4 J	14.4 J	532 J				
	CVR1-9	1.2 J	10.1 J	243 J	32.6 J	25.8 J	662 J				
	CVR1-10	2.1 J	11.5 J	85.7 J	28.0 J	28.3 J	1270 J				
	CVR1-12	1.4 J	13.3 J	51.9 J	2.8 J	20.5	107 J				
	CVR1-13	2.7 J	13.5 J	144 J	0.92 J	10.8 J	689 J				
	CVR1-14	2.1 J	14.8 J	24.6 J	3.0 J	16.7 J	32.5 J				
	CVR1-15 CVR1-16	1.3 J	11.9 J 12 9 J	98.1 J 299 I	0.89 J	12.5 J	269 J				
	CVR1-17	2.5 J	12.6 J	127 J	11.6 J	29.8 J	871 J				
1-foot Plot	CVR1-18	1.1 J	10.5 J	25.4 J	0.65 J	10.9 J	158 J				
	CVR1-19	1.3 J	<u>10.9 J</u>	111 J	1.1	<u>11.2 J</u>	823				
	CVR1-20 CVR1-21	0.71 J	<u>9.9 J</u>	24.6 J 31 4 J	0.61 J	<u>10.0 J</u>	73.7 J 73.4 J				
	CVR1-22	0.98 J	11.5 J	229 J	1.1 J	17.2 J	129 J				
	CVR1-23	0.93 J	9.9 J	164 J	2.1 J	14.0 J	272 J				
	CVR1-24	6.8 J	17.4 J	47.1 J	3.6 J	14.2 J	103 J				
	CVR1-25 CVR1-26	0.95 J	98.1	30.7 J	2.6 J	13.6 J	175 J 114 J				
	CVR1-27	7.0 J	19.6 J	15.3 J	2.8 J	11.1 J	52.7 J				
	CVR1-28	1.6 J	11.8 J	288 J	5.0 J	17.9 J	532 J				
	CVR1-29	12.4 J	<u>18.8 J</u>	270 J	30.6 J	<u>33.1 J</u>	721 J				
	CVR1-30 CVR1-31	3.8 J 67.0 J	45.8 J	1480 J	2.3 J 147 J	70.4 J	9.19 J				
	CVR1-32	21.3 J	32.6 J	28.8 J	40.8 J	45.8 J	3480 J				
	CVR1-33	6.3 J	14.5 J	134 J	10.4 J	23.4 J	472 J				
	CVR1-34	1.6 J	10.9 J	48.1 J	1.6 J	14.4 J	57.0 J				
	CVR1-35 CVR1-36	5.2 J	14.5 J	602 J	54.9 J	61.8 J	5450 J				
	CVR2-1	1.9 J	17.9 J	5.94 J	4.0 J	19.6 J	5.82 J				
	CVR2-2	2.7	18.5 J	5.1 J	1.4 J	15.9 J	3.57 J				
	CVR2-3 CVR2-4	4.7 J	19.8 J	75.7 J	3.0 J 5 1 J	16.8 J	24.7 J 1560 J				
	CVR2-5	2.5 J	40.2 J	5.94 J	2.5 J	18.0 J	< 20.5 J				
	CVR2-6	3.6 J	17.1 J	95.0 J	1.6 J	11.8 J	96.9 J				
	CVR2-7	2.7 J	<u>13.4 J</u>	252 J	0.78 J	<u>11.0 J</u>	572 J				
	CVR2-8 CVR2-9	1.2 4.1.J	12.3 J 13.2 J	<u>27.7 J</u> 112.J	5.3 J 55 8 J	<u>15.9 J</u> 41 9 J	56.∠ J 1380 J				
	CVR2-10	2.6 J	14.2 J	30.5 J	2.4 J	12.7 J	37.1 J				
	CVR2-11	2.0 J	12.1 J	74.7 J	2.7 J	13.1 J	99.0 J				
	CVR2-12	10.7 J	18.5 J	27.0 J	3.0 J	14.5 J	152 J				
	CVR2-14	0.99 J	11.4 J	34.6 J	1.0 J	11.4 J	251 J				
	CVR2-15	1.1 J	13.1 J	245 J	1.6 J	11.4 J	603 J				
	CVR2-16	1.2 J	10.7 J	43.9 J	1.3 J	11.5 J	112 J				
	CVR2-17 CVR2-18	1.6 J 1 7 J	<u>12.1 J</u> 14 0 J	34.4 J 35 9 J	1.2 J 1.5 J	<u> </u>	35.2 J 201.1				
2-foot Plot	CVR2-19	1.5 J	12.9 J	26.0 J	1.8 J	16.9 J	119 J				
	CVR2-20	1.6 J	14.2 J	16.8 J	9.7 J	20.4 J	152 J				
	CVR2-21 CVR2-22	7.3 J	19.9 J 15 0 J	14.1 J 22 Q J	3.7 J 1 Q I	18.8 J 15 0	40.3 J				
	CVR2-23	6.5 J	21.0 J	19.7 J	3.3 J	19.2 J	37.7 J				
	CVR2-24	4.2 J	16.3 J	116 J	1.7 J	13.8 J	948 J				
	CVR2-25	3.3 J	17.8 J	7.2 J	1.6 J	<u>12.4 J</u>	47.1 J				
	CVR2-26 CVR2-27	14.9 J	<u></u>	28.3.J	3.8 J 0.96 J	<u> </u>	4.83 J 46 1 J				
	CVR2-28	2.8 J	14.1 J	74.0 J	1.2 J	11.0 J	201 J				
	CVR2-29	2.3 J	15.2 J	24.7 J	11.2 J	21.2 J	163 J				
	CVR2-30	21.3 J	29.6 J	109 J	36.7 J	36.3 J	1010 J				
	CVR2-31 CVR2-32	9.8 J	24.9 J	8.08 J	9.9 J 6.0 J		6.82 J				
	CVR2-33	3.6 J	13.4 J	<u>53.2</u> J	5.3 J	<u>15.0 J</u>	189 J				
	CVR2-34	13.9 J	24.4 J	18.8 J	5.3 J	20.7 J	17.6 J				
	CVR2-35	17.6 J	25.6 J	98.9 J	5.2 J	17.4 J	47.5 J				
ļ	CVR2-30	20.6 J 2 0 I	34.4 J 12 N I	13.6 J	7.9 J 0 74 J	22.2 J 11 2 J	10.7 J 27 6 J				
	CVR3-2	1.5 J	12.0 J	21.6 J	1.5 J	11.8 J	108 J				
	CVR3-3	4.5 J	14.2 J	36.7 J	3.0 J	12.6 J	39.3 J				
	CVR3-4	4.2 J	13.2 J	83.0 J	2.3 J	11.7 J	647 J				
2 foot Diet	CVR3-5	9.2 J	14.3 J	32.0 J	2.6 J	13.8 J	53.0 J				
3-1001 1101	CVR3-0	22.1 J 2 9 1	25.7 J 13.0 J	54 4 J	0.89.1	10.8 J 11.2 J	500 J 139 I				
	CVR3-8	5.1 J	15.4 J	56.8 J	2.3 J	14.9 J	143 J				
	CVR3-9	1.1 J	10.4 J	67.3 J	4.6 J	12.3 J	514 J				
	CVR3-10	3.6 J	12.7 J	45.7 J	2.4 J	13.3 J	71.8 J				
	UVK3-11	5.0 J	13.4 J	219 J	2.0 J	11.4 J	4620 J				

Table 5 SOIL LABORATORY ANALYTICAL RESULTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

		Soil									
Cover Depth	Sample		T01N-SOL			T02N-SOL					
Plot	Location	Sampl	e Depth 0 - 3 i	nches	Sample Depth 6 - 8 inches						
		Molybdenum	Copper	Sulfate	Molybdenum	Copper	Sulfate				
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)				
	CVR3-12	2.8 J	13.4 J	103 J	2.4 J	16.7 J	411 J				
	CVR3-13	5.2 J	14.4 J	57.9 J	2.2 J	12.4 J	573 J				
	CVR3-14	1.2 J	12.7 J	32.9 J	1.0 J	11.0 J	373 J				
	CVR3-15	4.7 J	14.3 J	111 J	7.7 J	16.9 J	164 J				
	CVR3-16	8.4 J	15.9 J	60.8 J	5.3 J	14.0 J	144 J				
	CVR3-17	3.5 J	14.2 J	28.5 J	1.8 J	14.5 J	83.0 J				
	CVR3-18	2.0 J	12.0 J	102 J	7.4 J	13.8 J	306 J				
	CVR3-19	1.8 J	11.1 J	38.5 J	1.5 J	11.0 J	164 J				
	CVR3-20	2.5 J	14.1 J	48.4 J	1.6 J	11.0 J	141 J				
	CVR3-21	8.5 J	16.2 J	59.1 J	3.7 J	14.0 J	141 J				
	CVR3-22	5.6 J	14.3 J	59.6 J	6.2 J	16.0 J	193 J				
	CVR3-23	1.0 J	13.2 J	17.9 J	1.0 J	16.1 J	47.8 J				
3-foot Plot	CVR3-24	5.9 J	14.4 J	35.7 J	4.3 J	12.3 J	245 J				
	CVR3-25	1.5 J	14.5 J	16.9 J	2.5 J	13.3 J	155 J				
	CVR3-26	4.1 J	12.7	11.4 J	1.6 J	12.7 J	63.1 J				
	CVR3-27	5.1 J	16.4 J	19.5 J	2.9 J	15.5 J	33.3 J				
	CVR3-28	1.7 J	12.3 J	23.3 J	0.88 J	12.5 J	96.7 J				
	CVR3-29	2.1 J	12.0 J	31.6 J	1.1 J	11.8 J	374 J				
	CVR3-30	1.5 J	13.3 J	19.3 J	5.3 J	13.6 J	109 J				
	CVR3-31	5.3 J	17.1 J	28.4 J	32.2 J	36.2 J	120				
	CVR3-32	1.5 J	12.3 J	35.4	1.8 J	13.8 J	522 J				
	CVR3-33	1.1 J	12.4 J	10.7 J	1.4 J	12.3 J	24.1 J				
	CVR3-34	1.8 J	13.5 J	29.8 J	1.8 J	12.3 J	74.1 J				
	CVR3-35	2.1 J	15.2 J	11.3 J	2.5 J	16.6 J	6.53 J				
	CVR3-36	2.1 J	12.4 J	20.0 J	0.65 J	14.0 J	92.4 J				

Notes:

J = analytical result is estimated.

< = indicates that the analytical result is less than the identified reporting limit value

mg/kg = milligram per kilogram

Analytical results are from TestAmerica Burlington

Page 2 of 2

Table 6VEGETATION LABORATORY ANALYTICAL RESULTS
CMI Questa MineSoil and Vegetation Sampling Event
August-September 2014

	Gras	sses	Foi	rbs	Shrubs		
	Vege	tation	Vege	tation	Vege	tation	
Sample	Aboveground	I Plant Tissue	Aboveground	I Plant Tissue	Aboveground	I Plant Tissue	
Location	T02N-P	LTGAW	T03N-P	LTFAW	T04N-P	LTSAW	
	Molybdenum	Copper	Molybdenum	Copper	Molybdenum	Copper	
	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	
CVR1-1	32 J	2.1 J	-	-	6.4 J	18.2	
CVR1-2	55.7 J	3.3 J	40.9 J	5.8 J	-	-	
CVR1-3	8.9 J	2.0 J	47.1 J	6.3 J	3.1 J	17.2	
CVR1-4	38.2 J	4.1 J	70.6 J	5.7 J	-	-	
CVR1-5	20.6 J	3.6 J	90.6 J	8.6	4.1 J	17.7	
CVR1-6	14.8 J	2.5 J	37.3 J	7.1 J	-	-	
CVR1-7	28.6 J	2.4 J	78.4 J	6.4 J	-	-	
CVR1-8	17.5 J	4.1 J	110 J	6.0 J	-	-	
CVR1-9	29.9 J	5.3 J	44.7 J	9.4	19.3 J	11.5	
CVR1-10	30.2 J	3.5 J	172 J	8.3	-	-	
CVR1-11	7.5 J	2.2 J	28.5 J	7.9	-	-	
CVR1-12	23.4 J	4.1 J	36.5 J	7.1 J	0.93 J	10.1	
CVR1-13	5.5 J	2.0 J	67.7 J	7.5	-	-	
CVR1-14	11.6 J	3.0 J	58.1 J	8.2 J	-	-	
CVR1-15	5.6 J	2.2 J	39.5 J	8.9	-	-	
CVR1-16	8.1 J	3.7 J	26.7 J	7.5	1.5 J	5.8	
CVR1-17	16.5 J	2.9 J	54.5 J	8.5	-	-	
CVR1-18	7.2 J	2.3 J	38.9 J	7.7	-	-	
CVR1-19	7.1 J	2.0 J	99.0 J	8.8	-	-	
CVR1-20	6.4 J	2.5 J	28.3 J	9.4	-	-	
CVR1-21	16.4 J	3.2 J	115 J	9.1	-	-	
CVR1-22	10.8 J	2.2 J	61.1 J	8.5	-	-	
CVR1-23	9.5 J	4.1	32.2 J	6.9	-	-	
CVR1-24	19.6 J	1.5 J	60.3 J	5.9 J	-	-	
CVR1-25	12.3 J	3.1 J	40.4 J	6.8	-	-	
CVR1-26	10.1 J	1.4 J	49.0 J	9.4	18.9 J	14.7	
CVR1-27	20.1 J	2.2 J	55.4 J	8.9 J	29.6 J	9.4	
CVR1-28	19.2 J	4.1 J	35.3 J	7.4 J	-	-	
CVR1-29	84.4 J	5.4 J	95.1 J	6.9 J	7.8	12.1	
CVR1-30	15.5 J	5.1 J	3.1 J	15.7	-	-	
CVR1-31	53.4 J	3.1 J	198 J	9.6	3.6 J	14.2	
CVR1-32	27.2 J	2.5 J	122 J	11.7	-	-	
CVR1-33	35.4 J	3.8 J	49.7 J	7.3 J	-	-	
CVR1-34	7.7 J	2.5 J	32.3 J	8.0 J	-	-	
CVR1-35	60.3 J	2.7 J	123 J	8.5	5.1 J	21.5	
CVR1-36	42.9 J	2.2 J	12.9 J	17.9	7.9 J	19.7	
CVR2-1	32.9 J	2.9 J	37.0 J	6.3 J	-	-	
CVR2-2	34.4 J	3.2 J	82.7 J	4.9 J	-	-	
CVR2-3	14.0 J	3.1 J	59.9 J	4.5 J	-	-	
CVR2-4	35.1 J	5.3	51.7 J	7.1	-	-	
CVR2-5	51.7 J	2.6 J	-	-	-	-	
CVR2-6	2.9 J	1.7 J	45.6 J	6.5 J	-	-	
CVR2-7	5.3 J	2.1 J	22.1 J	8.6	-	-	
CVR2-8	28.2 J	1.4 J	131 J	12.0	-	-	

Table 6VEGETATION LABORATORY ANALYTICAL RESULTS
CMI Questa Mine
Soil and Vegetation Sampling Event
August-September 2014

	Gras	sses	Foi	rbs	Shrubs		
	Vege	tation	Vege	tation	Vege	tation	
Sample	Aboveground	Plant Tissue	Aboveground	Plant Tissue	Aboveground	Plant Tissue	
Location	T02N-P	LTGAW	T03N-P	LTFAW	T04N-P	LTSAW	
	Molvbdenum	Copper	Molvbdenum	Copper	Molvbdenum	Copper	
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
CVR2-9	23.3 J	3.4 J	37.7 J	7.8 J	9.4 J	7.8	
CVR2-10	10.7 J	8.3	35.5 J	11.4	0.41 J	10.3	
CVR2-11	69.1 J	2.4 J	47.8 J	8.6 J	11.9 J	16.6	
CVR2-12	10.0 J	1.8 J	4.1 J	9.6	18.2 J	9.0	
CVR2-13	20.1 J	1.6 J	101 J	9.1	32.7 J	13.0	
CVR2-14	6.5 J	1.4 J	40.3 J	12.3	12.9 J	10.5	
CVR2-15	3.8 J	1.3 J	36.9 J	11.1	7.4 J	16.2	
CVR2-16	4.9 J	1.8 J	33.2 J	7 J	1.4 J	15.1	
CVR2-17	8.2 J	2.0 J	36.2 J	6.3	-	-	
CVR2-18	25.8 J	2.7 J	7.4 J	20.7	-	-	
CVR2-19	6.4 J	2.2 J	2.2 J	4.4 J	6.5 J	10.7	
CVR2-20	55.2 J	3.0 J	108 J	8.2	8.8 J	7.5	
CVR2-21	8.1 J	1.8 J	2.9 J	10.4	0.9 J	16.6	
CVR2-22	7.8 J	2.2 J	32.2 J	8.7 J	4.4 J	7.1	
CVR2-23	4.7 J	1.8 J	3.4 J	16	8.2 J	11.9	
CVR2-24	3.7 J	2.6 J	25.1 J	6.7	0.8 J	13.3	
CVR2-25	14.5 J	2.4 J	19.2 J	16.2	22.3 J	19.8	
CVR2-26	11.1 J	6.8	63.8 J	4.3 J	-	-	
CVR2-27	56.0 J	4.9 J	31.2 J	5.8 J	25.3 J	6.9	
CVR2-28	27.7 J	4 J	2.9 J	16.0	2.2 J	6.2	
CVR2-29	19.9 J	10.9	5.4 J	3.4 J	22.2 J	5.9	
CVR2-30	5.6 J	2.0 J	52.5 J	5.3 J	25.4 J	4.7 J	
CVR2-31	14.7 J	2.5 J	43.6 J	35.8	-	-	
CVR2-32	28.8 J	3.3 J	4.8 J	17.1	-	-	
CVR2-33	10.2 J	2.3 J	57.2 J	8.2	-	-	
CVR2-34	23.7 J	4.1 J	7.2 J	14.4	-	-	
CVR2-35	34.5 J	2.6 J	8.9 J	15.2	-	-	
CVR2-36	47.0 J	4.4 J	99.7 J	7.7 J	-	-	
CVR3-1	9.4 J	1.4 J	14.7 J	6.9	37.0 J	12.0	
CVR3-2	6.6 J	2.3 J	24.6 J	5.7	17.2 J	8.3	
CVR3-3	8.0 J	2.4 J	24.7 J	20.6	37.3 J	11.0	
CVR3-4	4.2 J	1.3 J	2.1 J	13.6	4.0 J	11.3	
CVR3-5	39.3 J	2.7 J	67.2 J	6.6	10.7 J	14.6	
CVR3-6	13.9 J	2.3 J	28.0 J	23.6	26.1 J	17.8 J	
CVR3-7	4.2 J	1.5 J	3.0 J	10	3.2 J	13.8	
CVR3-8	2.2 J	2.1 J	36.1 J	6.2 J	2.3 J	23.1	
CVR3-9	3.2 J	2.0 J	3.0 J	10.8	7.7 J	10.2	
CVR3-10	27.5 J	5.5	8.6 J	8.6	3.9 J	10.9	
CVR3-11	5.2 J	2.7 J	25.5 J	7.0	17.0 J	24.2	
CVR3-12	6.0 J	2.1 J	4.4 J	10.1	-	-	
CVR3-13	5.7 J	2.7 J	4.4 J	10	25.1 J	13.2	
CVR3-14	18.6 J	4.4 J	33.6 J	8.5	2.3 J	14.8	
CVR3-15	63.7 J	4.0 J	55.6 J	6.5	53.5 J	16.9	
CVR3-16	4.2 J	1.7 J	31.1 J	7.3 J	19.0 J	10.1	

Table 6VEGETATION LABORATORY ANALYTICAL RESULTS
CMI Questa Mine
Soil and Vegetation Sampling Event
August-September 2014

	Gras	sses	Fo	rbs	Shr	ubs	
	Veget	tation	Vege	tation	Vegetation		
Sample	Aboveground	Plant Tissue	Aboveground	Plant Tissue	Aboveground	Plant Tissue	
Location	T02N-P	LTGAW	T03N-P	LTFAW	T04N-P	LTSAW	
	Molybdenum	Copper	Molybdenum	Copper	Molybdenum	Copper	
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
CVR3-17	12.6 J	2.3 J	36.8 J	8.5 J	6.4 J	10.7	
CVR3-18	3.8 J	2.3 J	23.2 J	5.5	14.3 J	9.5	
CVR3-19	13.1 J	2.9 J	190 J	7.8 J	4.9 J	8.7	
CVR3-20	31.5 J	2.4 J	77.6 J	7.9	23.4 J	9.9	
CVR3-21	8.0 J	1.6 J	8.7 J	12.9	37.4 J	11.1	
CVR3-22	22.8 J	3.3 J	28.6 J	7.6 J	18.7 J	10.1	
CVR3-23	2.4 J	1.5 J	2.3 J	9.4	11.6 J	9.3	
CVR3-24	5.4 J	1.7 J	28.3 J	9.5	2.5 J	11.6	
CVR3-25	5.9 J	2.2 J	31.4 J	7.1 J	7.5 J	7.6	
CVR3-26	5.0 J	1.5 J	22.4 J	6.7 J	10.3 J	9.2	
CVR3-27	15.1 J	1.7 J	52.2 J	6.7 J	3.5 J	19.9	
CVR3-28	2.4 J	1.5 J	25.1 J	6.7	4.3 J	10.3	
CVR3-29	2.4 J	1.4 J	8.9 J	8.4	8.2 J	8.7	
CVR3-30	43.0 J	3.1 J	44.8 J	8.3	6.6 J	22.3	
CVR3-31	12.9 J	2.3 J	7.1 J	14.1	11.2 J	11.3	
CVR3-32	15.8 J	3.2 J	34.1 J	8.1	5.5 J	12.1	
CVR3-33	4.3 J	0.99 J	30.3 J	7.6 J	7.9 J	15.8	
CVR3-34	6.2 J	1.6 J	7.1 J	9.5	29.5 J	8.8	
CVR3-35	13.5 J	4.0 J	2.2 J	12.0	8.1 J	9.8	
CVR3-36	14.8 J	1.9 J	16.1 J	20.1	21.9 J	9.1	

Notes:

- = denotes no sample was collected (plant type not available).

J = analytical result is estimated.

mg/kg = milligram per kilogram

Analytical results are from TestAmerica Burlington

Table 7SUMMARY OF VEGETATION MONITORING RESULTS
CMI Questa MineSoil and Vegetation Sampling Event
August-September 2014

	1-Foot	Cover	2-Foot	Cover	3-Foot	Cover
	Mean Value	Standard Deviation	Mean Value	Standard Deviation	Mean Value	Standard Deviation
Solar Area						
Grass cover (%)	8.7	4.8	12.7	6.8	15.5	5.8
Forb cover (%)	10.0	6.4	8.3	5.3	6.6	4.8
Shrub cover (%)	0.1	0.4	0.2	0.6	0.6	1.2
Total vegetation cover (%)	18.7	7.6	21.1	9.1	22.7	6.9
Perennial plant cover (%)	9.3	5.3	14.2	7.0	17.5	5.6
Number of species/transect	3.4	1.3	4.2	1.3	4.4	1.5
Shrub density (shrubs/acre)	539.8	623.3	1057.6	915.0	1475.6	1858.3
Number of transects completed	49		49		41	
Number of transects needed for data adequacy	46.9		51.5		26.3	
Non-Solar Area						
Grass cover (%)	3.4	4.1	6.8	7.0	20.7	7.0
Forb cover (%)	5.1	7.0	6.3	4.8	3.5	5.1
Shrub cover (%)	0.1	0.5	0.1	0.4	0.3	0.7
Total vegetation cover (%)	8.6	9.9	13.2	9.8	24.5	5.3
Perennial plant cover (%)	4.0	4.5	7.6	7.1	21.3	7.2
Number of species/transect	1.9	1.6	2.8	1.6	3.9	1.1
Shrub density (shrubs/acre)	647.8	742.3	515.8	736.5	1095.2	1043.1
Number of transects completed	45		45		35	
Number of transects needed for data adequacy	368.5		155.6		13.1	

Note:

% = percent

Table 8PLANT SPECIES COMPOSITION
CMI Questa MineSoil and Vegetation Sampling Event
August-September 2014

	ſ	1-Foot Soil Cover		•		2-Foot Soil Cover			3-Foot Soil Cove	r
		Absolute	Relative Cover	Constancy	Absolute	Relative Cover	Constancy	Absolute	Relative Cover	
		Cover (%)	(%)	(%)	Cover (%)	(%)	(%)	Cover (%)	(%)	Constancy (%)
SOLAR AREA										
Grasses			1		-				-	
Achnatherum hymenoides	Indian ricegrass	0.37	2.0	16.3	0.82	3.9	26.5	0.93	4.1	34.2
Bromus tectorum	Downy brome	0.08	0.4	4.1	-	-	-	-	-	-
Elymus elymoides	Squirreltail	-	-	-	0.04	0.2	2.0	0.05	0.2	2.4
Elymus trachycaulus	Slender wheatgrass	-	-	-	0.04	0.2	2.0	-	-	-
Festuca arizonica	Arizona fescue	5.14	27.5	89.8	6.41	30.3	95.9	7.46	32.9	92.7
Pascopyrum smithii	Western wheatgrass	1.84	9.8	57.1	3.59	17.0	67.4	5.46	24.1	90.2
Pseudoroegneria spicata	Bluebunch wheatgrass	1.22	6.6	40.8	1.71	8.1	53.1	1.51	6.7	46.3
Sporobolus cryptandrus	Sand dropseed	-	-	-	0.04	0.2	2.0	0.05	0.2	2.4
Total grasses		8.65	46.3	95.9	12.65	59.9	98.0	15.46	68.2	100.0
Forbs									•	•
Artemisia ludoviciana	White sagebrush	0.37	2.0	18.4	1.14	5.4	49.0	1.37	6.0	43.9
Grindelia squarrosa	Curlycup gumweed	0.04	0.2	2.0	0.04	0.2	2.0	0.10	0.4	4.9
Heterotheca villosa	Hairy false tansyaster	0.04	0.2	2.0	-	-	-	-	-	-
Kochia scoparia	Kochia	-	-	-	-	-	-	0.10	0.4	2.4
Medicago sativa	Alfalfa	0.16	0.9	6.1	0.16	0.8	6.1	0.05	0.2	2.4
Melilotus alba	White sweetclover	0.12	0.7	2.0	-	-	-	0.29	1.3	4.9
Melilotus officinalis	Yellow sweetclover	9.14	48.9	93.9	6.69	31.7	93.9	4.39	19.4	75.6
Mentzelia nuda	Bractless blazingstar	-	-	-	0.04	0.2	2.0	-	-	-
Salsola tragus	Prickly Russian thistle	0.04	0.2	2.0	0.20	1.0	8.2	0.29	1.3	14.6
Tragopogon pratensis	Meadow salsity	0.04	0.2	2.0	-	-	-	0.05	0.2	2.4
Total forbs		9.96	53.3	98.0	8.29	39.2	98.0	6.63	29.3	87.8
Shrubs										
Ceratoides lanata	Winterfat	-	-	-	0.12	0.6	6.1	0.15	0.7	7.3
Chrysothamnus viscidiflorus	Yellow rabbitbrush	-	-	-	0.04	0.2	2.0	-	-	-
Ericameria naseosus	Rubber rabbitbrush	0.08	0.4	4.1	0.04	0.2	2.0	0.44	1.9	17.1
Total shrubs		0.08	0.4	4.1	0.20	1.0	10.2	0.59	2.6	22.0
Total Vegetation		18.70	100.0	100.0	21.14	100.0	98.0	22.68	100.0	100.0
NON-SOLAR AREA										
Grasses										
Achnatherum hymenoides	Indian ricegrass	0.53	6.2	24.4	0.76	5.7	22.2	4.74	19.4	85.7
Festuca arizonica	Arizona fescue	1.60	18.6	40.0	3.56	26.9	60.0	2.69	11.0	60.0
Pascopyrum smithii	Western wheatgrass	0.76	8.8	24.4	1.29	9.8	37.8	11.09	45.2	94.3
Pseudoroegneria spicata	Bluebunch wheatgrass	0.44	5.2	17.8	1.07	8.1	26.7	2.17	8.9	60.0
Sporobolus cryptandrus	Sand dropseed	0.04	0.5	2.2	0.13	1.0	6.7	0.06	0.2	2.9
Thinopyrum intermedium	Intermediate wheatgrass	0.04	0.5	2.2	-	-	-	-	-	-
Total grasses		3.42	39.7	57.8	6.80	51.5	75.6	20.74	84.6	100.0

Table 8 PLANT SPECIES COMPOSITION CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

		1-Foot Soil Cover			2-Foot Soil Cover			3-Foot Soil Cover		
		Absolute Cover (%)	Relative Cover (%)	Constancy (%)	Absolute Cover (%)	Relative Cover (%)	Constancy (%)	Absolute Cover (%)	Relative Cover	Constancy (%)
Forbs		,					()	,		, ,
Artemisia ludoviciana	White sagebrush	0.18	2.1	6.7	0.36	2.7	15.6	0.23	0.9	11.4
Heterotheca villosa	Hairy false tansyaster	0.09	1.0	4.4	-	-	-	-	-	-
Medicago sativa	Alfalfa	0.18	2.1	6.7	0.40	3.0	13.3	-	-	-
Melilotus officinalis	Yellow sweetclover	4.49	52.1	51.1	5.33	40.4	84.4	3.03	12.4	48.6
Mentzelia nuda	Bractless blazingstar	0.04	0.5	2.2	0.09	0.7	4.4	-	-	-
Salsola tragus	Prickly Russian thistle	0.09	1.0	4.4	0.13	1.0	4.4	0.23	0.9	11.4
Total forbs		5.07	58.8	57.8	6.31	47.8	91.1	3.49	14.2	60.0
Shrubs										
Ceratoides lanata	Winterfat	-	-	-	0.04	0.3	2.2	0.23	0.9	11.4
Ericameria naseosus	Rubber rabbitbrush	0.09	1.0	4.4	0.04	0.3	2.2	0.06	0.2	2.9
Senecio spartioides	Broomlike ragwort	0.04	0.5	2.2	-			-	-	-
Total shrubs		0.13	1.6	6.7	0.09	0.7	4.4	0.29	1.2	14.3
Total Vegetation		8.62	100.0	73.3	13.20	100.0	95.6	24.51	100.0	100.0

Notes:

- = denotes data was not recorded

% = percent

Table 9SHRUB DENSITYCMI Questa MineSoil and Vegetation Sampling EventAugust-September 2014

		1-Foot Soil Cover		2-Foot Soil Cover		3-Foot Soil Cover	
		Density (#/acre)	Standard Deviation ¹	Density (#/acre)	Standard Deviation ¹	Density (#/acre)	Standard Deviation ¹
SOLAR AREA					•		
Artemisia frigida	Fringed sage	11		-		13	
Artemisia tridentata	Big Sagebrush	-		11		13	
Ceratoides lanata	Winterfat	220		441		843	
Chrysothamnus viscidiflorus Yellow rabbitbrush		198		176		263	
Ericameria nauseosus Rubber rabbitbrush		110		408		316	
Gutierrezia sarothrae Broom snakeweed		-		11		26	
Senecio spartioides	Broomlike ragwort	-		11		-	
Total shrubs		540	623	1058	915	1475	1858
NON-SOLAR AREA							
Artemisia frigida	Fringed sage	-		-		-	
Artemisia tridentata	Big Sagebrush	-		-		-	
Ceratoides lanata	Winterfat	96		36		740	
Chrysothamnus viscidiflorus Yellow rabbitbrush		12		48		-	
Ericameria nauseosus Rubber rabbitbrush		504		348		339	
Gutierrezia sarothrae Broom snakeweed		-		12		-	
Senecio spartioides	Broomlike ragwort	36		72		15	
Total shrubs		648	742	516	737	1095	1043

Notes:

#/acre = number of plants per acre

¹ Standard deviation was only calculated for total shrubs.

- = denotes no data was collected

Table 10 LIST OF PLANT SPECIES OBSERVED CMI Questa Mine Soil and Vegetation Sampling Event

August-September 2014

Scientific Name	Scientific Name Alternate Scientific Name		Native Status and Duration	Recorded in Cover Transect	Recorded in Shrub Transect
Grasses					
Achnatherum hymenoides		Indian ricegrass	Native perennial	Х	
Agropyron cristatum		Crested wheatgrass	Introduced perennial		
Aristida purpurea		Purple threeawn	Native perennial		
Bouteloua gracilis		Blue grama	Native perennial		
Bromus inermis		Smooth brome	Introduced perennial		
Bromus tectorum		Downy brome	Introduced annual	Х	
Elymus elymoides	Elymus longifolius	Squirreltail	Native perennial	Х	
Elymus trachycaulus		Slender wheatgrass	Native perennial	Х	
Festuca arizonica		Arizona fescue	Native perennial	Х	
Schedonorus pratensis	Festuca pratensis	Meadow fescue	Introduced perennial		-
Pascopyrum smithii	Elymus smithii	Western wheatgrass	Native perennial	Х	
Pseudoroegneria spicata	Elymus spicatus	Bluebunch wheatgrass	Native perennial	Х	
Sporobolus cryptandrus		Sand dropseed	Native perennial	Х	
Thinopyrum intermedium	Elymus intermedius	Intermediate wheatgrass	Native perennial	Х	
Forbs	<u>.</u>	-			
Alyssum allysoides		pale madwort	Introduced annual		
Ambrosia artemissifolia		Annual ragweed	Introduced annual		
Artemisia ludoviciana		White sagebrush, Louisiana	Native perennial	x	
Babia dissecta	Amaruionsis dissecta	Radeaf babia	Native appual/biennial		
Brickellia eunatorioides		False boneset	Native perennial forb/subsh	×	
Chenopodium sp		Goosefoot	Native appual	~	
Circium anyonso		Canada thistle			
Conviza canadonsis		Canadian horsowood	Nativo appual		
Erigeron divergens		Spreading fleabane	Native annual		
Eriogonum cernuum		Nodding buckwheat			
Grindelia squarrosa			Native annual	×	
Helianthus annuus		Common sunflower	Native annual	~ ~	
Heterotheca villosa		Hairy goldenaster	Native perennial	X	
Hymenoxys richardsonii		Pingue rubberweed	Native perennial	~ ~	
Inomonsis laviflora			Native annual		
Kochia scoparia	Bassia scoparia	Kochia	Introduced annual	x	
Lactuca serriola		Prickly lettuce	Introduced annual		
Lappula occidentalis		Sheepbur	Native annual		
Table 10LIST OF PLANT SPECIES OBSERVED
CMI Questa MineSoil and Vegetation Sampling Event
August-September 2014

Scientific Name	Alternate Scientific Name	Common Name	Native Status and Duration	Recorded in Cover Transect	Recorded in Shrub Transect
Linum lewisii		Lewis flax	Native perennial		
Machaeranthera canescens	Dietaria canescens	Hoary tansyaster	Native annual		
Machaeranthera grindelioides	Xanthisma grindelioides	Rayless tansyaster	Native perennial		
Medicago sativa		Alfalfa	Introduced perennial	Х	
Melilotus alba	Melilotus officinalis	White sweetclover	Introduced biennial	Х	
Melilotus officinalis		Yellow sweetclover	Introduced biennial	Х	
Mentzelia nuda		Bractless blazingstar	Native biennial	Х	
Oenothera albicaulis		Whitest evening primrose	Native perennial	Х	
Penstemon palmeri		Palmer's penstemon	Native perennial		
Ratibida columnifera		Prairie coneflower	Native perennial		
Salsola collina		Smooth Russian thistle	Introduced annual		
Salsola tragus		Prickly Russian thistle	Introduced annual	Х	
Sisymbrium altissimum		Tall tumble mustard	Introduced annual		
Sphaeralcea coccinea		Copper mallow	Native perennial		
Taraxacum officinale		Common dandelion	Native/Introduced perennial		
Tragopodon lamottei	Tragopogon pratensis	Meadow salsify	Introduced biennial	Х	
Verbascum thapsus		Common mullein	Introduced biennial		
Verbena bracteata		Bigbract verbena	Introduced annual		
Shrubs					
Artemisia frigida		Fringed sage	Native shrub		Х
Artemisia tridentata		Big sagebrush	Native shrub		Х
Ceratoides lanata	Krascheninnikovia lanata	Winterfat	Native shrub	Х	Х
Chrysothamnus viscidiflorus		Yellow rabbitbrush	Native shrub	Х	Х
Ericameria naseosa		Rubber rabbitbrush	Native shrub	Х	Х
Gutierrezia sarothrae		Broom snakeweed	Native shrub		Х
Senecio spartioides		Broomlike ragwort	Native shrub		Х

Note: Names in first column generally follow Plants database (NRCS 2014). Names in second column are mostly from *Flora Neomexicana* (Allred and Ivey 2012). Exceptions are *Melilotus alba*, which is no longer recognized as a separate species by NRCS (2014), Ceratoides lanata, and Kochia scoparia; all of these species names were used in the 2013 report and their use is continued in this report.

Table 11 COMPARISON OF VEGETATION MONITORING RESULTS - 2013 and 2014 CMI Questa Mine Soil and Vegetation Sampling Event

August-September 2014

	1-Foot	Cover	2-Foot	Cover	3-Foot	t Cover
	2013	2014	2013	2014	2013	2014
Solar Area						
Grass cover (%)	10.9	8.7	7.8	12.7	13.5	15.5
Forb cover (%)	9.6	10.0	8.6	8.3	9.6	6.6
Shrub cover (%)	0.1	0.1	0.0	0.2	0.6	0.6
Total vegetation cover (%)	20.6	18.7	16.4	21.1	23.6	22.7
Perennial plant cover (%)	11.3	9.3	8.3	14.2	14.5	17.5
Number of species/transect	3.8	3.4	3.7	4.2	5.2	4.4
Total number of species	11	14	13	16	16	16
Shrub density (shrubs/acre)	923.7	539.8	1187.5	1057.6	1487.4	1475.6
Number of transects completed	45	49	45	49	45	41
Number of transects needed for data adequacy	70.2	46.9	79.1	51.5	44.5	26.3
Non-Solar Area		-				
Grass cover (%)	4.4	3.4	4.2	6.8	17.3	20.7
Forb cover (%)	3.3	5.1	8.0	6.3	5.9	3.5
Shrub cover (%)	0.0	0.1	0.0	0.1	0.6	0.3
Total vegetation cover (%)	7.7	8.6	12.2	13.2	23.8	24.5
Perennial plant cover (%)	4.5	4.0	4.4	7.6	18.2	21.3
Number of species/transect	2.0	1.9	2.3	2.8	4.7	3.9
Total number of species	11	14	11	12	14	10
Shrub density (shrubs/acre)	227.9	647.8	108.0	515.8	1043.6	1095.2
Number of transects completed	45	45	45	45	45.0	35
Number of transects needed for data adequacy	292.3	368.5	285.2	155.6	36.2	13.1

Note:

% = mean percent

1. Foot Solar		Cove	er (%)	Constancy (%)	
I- FOOL Solar		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	0.62	0.37	26.7	16.3
Agropyron cristatum	Crested wheatgrass	0.04		2.2	
Bromus tectorum	Downy brome		0.08		4.1
Festuca arizonica	Arizona fescue	6.00	5.14	93.3	89.8
Pascopyrum smithii	Western wheatgrass	2.22	1.84	62.2	57.1
Pseudoroegneria spicata	Bluebunch wheatgrass	2.04	1.22	66.7	40.8
	Total Grasses	10.93	8.65	97.8	95.9
Forbs					
Artemisia ludoviciana	White sagebrush	0.27	0.37	13.3	18.4
Grindelia squarrosa	Curlycup gumweed		0.04		2.0
Heterotheca villosa	Hairy false goldenaster		0.04		2.0
Kochia scoparia	Kochia	0.04		2.2	
Lactuca serriola	Prickly lettuce				
Medicago sativa	Alfalfa		0.16		6.1
Melilotus alba	white sweetclover		0.12		2.0
Melilotus officinalis	Yellow sweetclover	8.67	9.14	86.7	93.9
Mentzelia nuda	Bractless blazingstar				
Salsola tragus	Prickly Russian thistle	0.58	0.04	20.0	2.0
Tragopogon pratensis	Meadow salsify		0.04		2.0
	Total Forbs	9.56	9.96	86.7	98.00
Shrubs					
Chrysopthamnus viscidiflorus	Yellow rabbitbrush	0.09		4.4	
Ericameria naseosus	Rubber rabbitbrush	0.04	0.08	2.2	4.1
Senecio spartioides	Broomlike ragwort				
	Total Shrubs	0.13	0.08	4.4	4.1
	Total Plant Cover	20.62	18.70	97.8	100.0

2-East Salar		Cove	er (%)	Constancy (%)	
2-F00t 301ai		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	0.49	0.82	24.4	26.5
Elymus elymoides	Squirreltail		0.04		2.0
Elymus trachcaulus	Slender wheatgrass	0.13	0.04	6.7	2.0
Festuca arizonica	Arizona fescue	3.82	6.41	84.4	95.9
Pascopyrum smithii	Western wheatgrass	2.18	3.59	62.2	67.4
Pseudoroegneria spicata	Bluebunch wheatgrass	1.16	1.71	40.0	53.1
Sporobolus cryptandrus	Sand dropseed	0.04	0.04	2.2	2.0
	Total Grasses	7.82	12.65	93.3	98.0
Forbs					
Artemisia ludoviciana	White sagebrush	0.40	1.14	17.8	49.0
Erigeron divergens	Spreading fleabane	0.04		2.2	
Grindelia squarrosa	Curlycup gumweed	0.40	0.04	13.3	2.0
Medicago sativa	Alfalfa		0.16		6.1
Melilotus officinalis	Yellow sweetclover	6.27	6.69	73.3	93.9
Mentzelia nuda	Bractless blazingstar		0.04		2.0
Salsola collina	Smooth Russian thistle	0.04		2.2	
Salsola tragus	Prickly Russian thistle	1.38	0.20	37.8	8.2
Trifolium sp.	Clover	0.04		2.2	
	Total Forbs	8.58	8.29	88.9	98.0
Shrubs					
Ceratoides lanata	Winterfat		0.12		6.1
Chrysothamnus viscidiflorus	Yellow rabbitbrush		0.04		2.0
Ericameria naseosus	Rubber rabbitbrush		0.04		2.0
	Total Shrubs	0.00	0.20	0.0	10.2
	Total Plant over	16.4	21.14	96	98.0

3 Foot Solar		Cove	r (%)	Constancy (%)	
3-F00t 301ai		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	1.33	0.93	46.7	34.2
Elymus elymoides	Squirreltail		0.05		2.4
Elymus trachycaulus	slender wheatgrass	0.40		15.7	
Festuca arizonica	Arizona fescue	5.33	7.46	91.1	92.7
Pascopyrum smithii	Western wheatgrass	4.44	5.46	91.1	90.2
Pseudoroegneria spicata	Bluebunch wheatgrass	1.91	1.51	60.0	46.3
Sporobolus cryptandrus	Sand dropseed	0.04	0.05	2.2	2.4
	Total Grasses	13.47	15.46	100.0	100.0
Forbs					
Artemisia ludoviciana	White sagebrush	0.44	1.37	15.6	43.9
Grindelia squarrosa	Curlycup gumweed	0.22	0.10	8.9	4.9
Kochia scoparia	Burningbush		0.10		2.4
Medicago sativa	Alfalfa	0.04	0.05	2.2	2.4
Melilotus alba	White sweetclover	0.31	0.29	6.7	4.9
Melilotus officinalis	Yellow sweetclover	4.31	4.39	71.1	75.6
Salsola collina	Smooth Russian thistle	0.36		11.1	
Salsola tragus	Russian thistle	3.87	0.29	71.1	14.6
Tragopogon pratensis	Meadow salsify		0.05		2.4
	Total Forbs	9.56	6.63	95.6	87.8
Shrubs					
Ceratoides lanata	Winterfat	0.44	0.15	20.0	7.3
Chrysothamnus viscidiflorus	Yellow rabbitbrush	0.04		2.2	
Ericameria naseosus	Rubber rabbitbrush	0.13	0.44	6.7	17.1
	Total Shrubs	0.62	0.59	26.7	22.0
	Total Plant Cover	23.60	22.68	100	22.7

1 Foot Non-solar		Cove	er (%)	Constancy (%)	
I FOOT NOII-SOIAI		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	0.76	0.53	35.6	24.4
Bromus inermis	Smooth Brome	0.04		2.2	
Festuca arizonica	Arizona fescue	1.87	1.60	42.2	40.0
Pascopyrum smithii	Western wheatgrass	0.93	0.76	24.4	24.4
Pseudoroegneria spicata	Bluebunch wheatgrass	0.80	0.44	24.4	17.8
Sporobolus cryptandrus	Sand dropseed	0.04	0.04	2.2	2.2
Thinopyrum intermedium	Intermediate wheatgrass		0.04		2.2
	Total Grasses	4.44	3.42	57.8	39.7
Forbs					
Artemisia ludoviciana	White sagebrush	0.04	0.18	2.2	6.7
Heterotheca villosa	Hairy false goldenaster		0.09		4.4
Lactuca serriola	Prickly lettuce	0.04		2.2	
Medicago sativa	Alfalfa	0.04	0.18	2.2	6.7
Melilotus alba	white sweetclover				
Melilotus officinalis	Yellow sweetclover	2.67	4.49	42.2	51.1
Mentzelia nuda	Bractless blazingstar		0.04		2.2
Salsola tragus	Prickly Russian thistle	0.49	0.09	20.0	4.4
Tragopogon pratensis	Meadow salsify				
	Total Forbs	3.29	5.07	57.8	57.8
Shrubs					
Chrysopthamnus viscidiflorus	Yellow rabbitbrush				
Ericameria naseosus	Rubber rabbitbrush		0.09		4.4
Senecio spartioides	Broomlike ragwort		0.04		2.2
	Total Shrubs	0.00	0.13	0.0	6.7
	Tota Plant Cover	7.73	8.62	73.3	73.3

2 Foot Non-solar		Cove	Cover (%)		ancy (%)
2-F00t N011-S01a1		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	0.71	0.76	24.4	22.2
Festuca arizonica	Arizona fescue	1.78	3.56	51.1	60.0
Pascopyrum smithii	Western wheatgrass	1.02	1.29	37.8	37.8
Pseudoroegneria spicata	Bluebunch wheatgrass	0.71	1.07	22.2	26.7
Sporobolus cryptandrus	Sand dropseed		0.13		6.7
	Total Grasses	4.22	6.80	66.7	75.6
Forbs					
Artemisia ludoviciana	White sagebrush	0.09	0.36	4.4	15.6
Grindelia squarrosa	Curlycup gumweed	0.13		6.7	
Medicago sativa	Alfalfa		0.40		13.3
Melilotus officinalis	Yellow sweetclover	7.29	5.33	60	84.4
Mentzelia nuda	Bractless blazingstar	0.09	0.09	4.4	4.4
Salsola collina	Smooth Russian thistle	0.40		2.2	
Salsola tragus	Prickly Russian thistle	0.31	0.13	15.6	4.4
	Total Forbs	7.96	6.31	66.7	91.1
Shrubs					
Ceratoides lanata	Winterfat		0.04		2.2
Ericameria naseosus	Rubber rabbitbrush	0.04	0.04	2.2	2.2
	Total Shrubs	0.04	0.09	2.2	4.4
	Total Plant Cover	12.22	13.20	82.2	95.6

2-East Non-solar		Cove	er (%)	Constancy (%)	
3-FOOL NOTI-SOLAT		2013	2014	2013	2014
Grasses					
Achnatherum hymenoides	Indian ricegrass	4.53	4.74	88.9	85.7
Elymus trachycaulus	slender wheatgrass	0.09		4.4	
Festuca arizonica	Arizona fescue	2.98	2.69	75.6	60.0
Pascopyrum smithii	Western wheatgrass	7.07	11.09	88.9	94.3
Pseudoroegneria spicata	Bluebunch wheatgrass	2.67	2.17	68.9	60.0
Sporobolus cryptandrus	Sand dropseed		0.06		2.9
	Total Grasses	17.33	20.74	100.0	100.0
Forbs					
Artemisia ludoviciana	White sagebrush	0.13	0.23	6.7	11.4
Kochia scoparia	Burningbush	0.04		2.2	
Machaerantherea canescens	Hoary tansyaster	0.04		2.2	
Medicago sativa	Alfalfa	0.13		4.4	
Melilotus officinalis	Yellow sweetclover	2.89	3.03	55.6	48.6
Oenothera albicaulis	Evening primrose	0.04		2.2	
Salsola tragus	Russian thistle	2.58	0.23	46.7	11.4
	Total Forbs	5.87	3.49	82.2	60.0
Shrubs					
Ceratoides lanata	Winterfat	0.40	0.23	17.8	11.4
Ericameria naseosus	Rubber rabbitbrush	0.22	0.06	11.1	2.9
	Total Shrubs	0.62	0.29	28.9	14.3
	Total Plant Cover	23.82	24.51	100.0	100.0







	<u> </u>
	<u> </u>
	<u> </u>
	<u>1N-2</u> <u>1N-9</u> <u>1N-29</u> <u>1N-7</u>
	1N-3 1N-11
	1N-41 1N-4
	1N-35 1N-26
	1N-38 1N-45
-	1N-21 1N-39
1000 N	<u>1N-24</u> <u>1N-22</u>
15-9% I	<u> </u>
North Contraction	1N-19
	1N-12 1N-10
	1N-27
	<u> </u>
and a second	1N-34 1N-36
	1N-28
	1N-18
	1N-161N-43
	<u>1N-15</u> <u>1N-30</u>
	111-32
	<u> </u>
	1N-5
6 -	<u>1N-5</u>









		-		
	<u>3N-31</u> <u>3N-4</u> <u>3N-33</u> <u>3N-2</u> <u>3N-7</u> <u>3N-7</u> <u>3N-16</u>	3N-23	<u>3N-27</u> <u>3N-5</u> <u>3N-29</u> <u>3N-32</u>	
<u>3N-20</u> <u>3N-20</u> <u>3N-12</u> <u></u>	35 3N-6 3N-3	3N-21	3N-26 	
	<u>3N-24</u> -13 3N-9 <u>3N-11</u> 3N-17	3N- 3N- 3N-10 3N-28	<u>8</u> 19	and a second
		3N-34 3N-30 3N-22 3N-25		Ages .









Photo 2: Vegetation sample collection. September, 2014





Photo 4: Subsurface soil sample collection. September, 2014







Appendix A Select Annotated Field Photographs







Photo 9: Vegetation monitoring. 1-foot cover solar area, view to the northeast. Transect 14. Tiny grass bunches in foreground are mostly western wheatgrass and Arizona fescue. August, 2014



Photo 10: Vegetation monitoring. 1-foot cover solar area, view to the northeast. Transect 42. Plants in foreground include bluebunch wheatgrass, Arizona fescue, and yellow sweetclover. August, 2014



Appendix A Select Annotated Field Photographs



Photo 11: Vegetation monitoring. 2-foot cover solar area, view to the west. Transect 2. Plants in foreground include western wheatgrass, bluebunch wheatgrass, and yellow sweetclover. August, 2014



Photo 12: Vegetation monitoring. 2-foot cover solar area, view to the east. Transect 16. Sparsely vegetated transect. August, 2014





Photo 13: Vegetation monitoring. 3-foot cover solar area, view to the east. Transect 40. Plants in foreground and middle ground are mostly western wheatgrass and Arizona fescue, with white sagebrush and winterfat in middle ground. August, 2014



Photo 14: Vegetation monitoring. 3-foot cover solar area, view to the west. Transect 3. Plants in foreground include western wheatgrass, Arizona fescue, and white sagebrush. August, 2014





Photo 15: Vegetation monitoring. 1-foot cover non-solar area, view to the east. Transect 16. Sparsely vegetated area. August, 2014



Photo 16: Vegetation monitoring. 1-foot cover non-solar area, view to the west. Transect 44. Plants in foreground include alfalfa and yellow sweetclover. August, 2014



Appendix A Select Annotated Field Photographs



Photo 17: Vegetation monitoring. 2-foot cover non-solar area, view to the west. Transect 36. Yellow sweetclover and Indian ricegrass in foreground. August, 2014



Photo 18: Vegetation monitoring. 2-foot cover non-solar area, view to the west. Transect 4. Plants include Indian ricegrass and western wheatgrass in foreground. August, 2014





Photo 19: Vegetation monitoring. 3-foot cover non-solar area. Transect 18, view to the east. Plants include western wheatgrass, Indian ricegrass, bluebunch wheatgrass and white sagebrush. August 2014



Photo 20: Vegetation monitoring. 3-foot cover non-solar area, view to the west. Transect 33. Plants in foreground include western wheatgrass, bluebunch wheatgrass, and Indian ricegrass. August, 2014



Appendix B Sampling Field Data Sheets



Sample Identification:	URI-1-TOZN-30L CURI-1-TOIN-50L	Date: 9/12/14
Samplers' Signature:	5.2 M	Time: 0915/0935
Type of Sample:	Surface: X	Subsurface: X
	Composite:	Grab:
Sample Location Coord	inates:	-
Type of Surface Cover:	Tailing Facility Borro	w Material
Depth Interval:	0-3"- 6-8"	
Weather Conditions:	Mostly Sunny, 60°12, 1	ishtvariable winds
Sample Description:		
Field Soil Description	on GRAVEL (fig cobble,	and sand (francis.)
USCS Abbreviation	GW Subre	und-subang
Color Yellow:	34 Brown CIOYR 6/4)	
Staining	~	
Odor		
Moisture	Dry to Damp with dep.	44

Containers	Number	Preservatives
402 Amber Glass	2+4	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	
Comments:	

Sample Identification:	VR1-2-TOIN-SOL VR1-2-TO2N-SOL	Date: 9/12/14
Samplers' Signature:	F. 2 M	Time: 0907/0935
Type of Sample:	Surface: χ	Subsurface: χ
	Composite: X	Grab:
Sample Location Coordin	ates:	
Type of Surface Cover:	Tailing Facility Borr	on Material
Depth Interval:	0-3", 6-8"	
Weather Conditions: A	nostly cloudy, 60's	, 5W wind 5-10
Sample Description:		
Field Soil Description	GRAVEL (fis, - cobb	(e) some sand (fig c.g.)
USCS Abbreviation	GW Subry.	Subjerry .
Color	Yellowish Brown (10	YR 5/4)
Staining	e	
Odor	-	
Moisture	Damp	

Containers	Number	Preservatives		
402. Amber Glass	2+2	6°C		
	0-3" 0-8"			

QA/QC Samples Collected:	
Comments:	

Sample Identification:	CVR1-3-TOZN-SOL	Date: 9/12/14		
Samplers' Signature:	5.2 M	Time: 0850/0900		
Type of Sample:	Surface: X	Subsurface: X		
	Composite: X	Grab:		
Sample Location Coord	dinates:			
Type of Surface Cover	Tailing Facility Barrow MA	terial		
Depth Interval:	0-3", 6-8"			
Weather Conditions:	Mostly cloudy, 60's, 1ght	SNbreete		
Sample Description:				
Field Soil Descript	ion GRAVEL (for cobble)	some sand (fir, - c.s.)		
USCS Abbreviatio	n GW			
Color Yell	onish Brown (LOYR 5/4)			
Staining				
Odor				
Moisture	Pry			

Containers	Number	Preservatives
402. Amber Glass	2+2	6 . (
	0-3" 6-8"	

QA/QC Samples Collected:	-				
Comments:		12	T II II		
				····	
			 × .		
				<u> </u>	

	-URI-U-TOZN-CAL	
Sample Identification:	CURI-4-TOIN-SOL	Date: 9/12/14
Samplers' Signature:	F. M	Time: 0820/0835
Type of Sample:	Surface: X	Subsurface: X
	Composite: χ	Grab:
Sample Location Coord	linates:	· · · · · · · · · · · · · · · · · · ·
Type of Surface Cover:	Tailing Facility Borrow	Matual
Depth Interval:	0-37, 6-8"	
Weather Conditions:	Mostly cloudy, 60°F,	light variable und
Sample Description:	······································	
Field Soil Descripti	on SAND (for cal) Some of	und (frs cobble)
USCS Abbreviation	a 5W subrows to subrang	
Color Brow	~ (10 YR 4/3)	
Staining -		
Odor -		J. S. T.
Moisture Pry	A Drup with septh	

Number

2+2

Preservatives

6°C

Containers

4 02, Amber 6/155

Attachment A

QA/QC Samples Collected: ~ Comments:

Date: 9/11/14/9/12/14
Time: 1505 0750
Subsurface: X
Grab:
al
ite
$f_{1,-c_{5}}$

Containers	Number	Preservatives
402 Anber Glass	2+2	g °c
	0-34 8-81	
a di san		

QA/QC Samples Collected:	
Comments:	

	• • • • • •	E.B. 12/4/14 E.B. 12/4/14	
		CUR1-6-70CN	
	Attachment A		
FIELD S	SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES	
Sample Identification:	EVRI-6-TOIN-SOL	Date: 9/12/14/9/12/14	
Samplers' Signature:	Z. ml	Time: 0750/0805	
Type of Sample:	Surface: X	Subsurface: X	
	Composite: X	Grab:	
Sample Location Coordi	nates:		
Type of Surface Cover:	Tailing Facility Burrow Mat	-2015/	
Depth Interval:	0-3", 6-8"		
Weather Conditions: claudy, 60's, light variable wind			
Sample Description:		E.B. g/12/14	
Field Soil Descriptio	" GRAURL (fis, mise) and s.	ad (fis - c.s.) , stray "- 8"	
USCS Abbreviation	GW Subag- Suba	row clay	
Color	Bromish yellow (107R 6/6)		
Staining	~		
Odor	-		
Moisture	Pry to Day with Sapt		

Containers	Number	Preservatives
Yuzi Amber Glass	2+2	6'(
	0-3" 6-8"	

QA/QC Samples Collected:	RB		
Comments:			
· · · · · · · · · · · · · · · · · · ·			
Sample Identification:	UR1-7-TOIN-SOL UR1-7-TOIN-SOL	Date: 9/12/14	
-------------------------	---	-----------------------------	--
Samplers' Signature:	5. ~	Time: 0810/0850	
Type of Sample:	Surface:	Subsurface:	
	Composite: \times	Grab:	
Sample Location Coordin	ates:		
Type of Surface Cover:	Tailing Facility B	scrov Material	
Depth Interval:	0-3", 6-8"		
Weather Conditions:	Cloudy, 50's-60's, listot variable wind		
Sample Description:			
Field Soil Description	GRAVEL (fn-cibble	e), some sonal (fin - Cisi)	
USCS Abbreviation	GN		
Color	Yellowish Brown (10 YR 5/4)		
Staining			
Odor	_		
Moisture	PEY - Porp with	leath	

Containers	Number	Preservatives
402, Ander Glass	2+2	b°c
	0-3" 6-8"	

QA/QC Samples Collected: -3 5" Tailing and 7" 8", trace tailing in sample. Comments:

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES			
Sample Identification:	VR1-8-701N-50L	Date: 9/10/14 9/11/14	
Samplers' Signature:	2: M	Time: 1135/ 1450	
Type of Sample:	Surface:	Subsurface:	
	Composite: X	Grab:	
Sample Location Coordin	ates:		
Type of Surface Cover:	Trilin Pacility Borras Materia	7	
Depth Interval:	0-3" 16-8"		
Weather Conditions:	Weather Conditions: Mrsty Sunny, 605, 1847 Sulwind		
Sample Description:			
Field Soil Description	SAND (fg. (15) suns afrace (frg.)		
USCS Abbreviation	51		
Color Very Pale Bron (10 YR 7/4)			
Staining —			
Odor ~			
Moisture Pry			

Attachment A FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Containers	Number	Preservatives
402. Amper Ches	2+2	6°C
	6-3" 6-8"	
	3	

QA/QC Samples Collected:		
Comments:	<u> </u>	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification:	1R1-9-TOIN-50L	Date: 9/10/14 / 9/11/14		
Samplers' Signature:	Sing	Time: 1155/ 1455		
Type of Sample:	Surface: X	Subsurface: \times		
	Composite: X	Grab:		
Sample Location Coordina	tes:	•		
Type of Surface Cover:	Tailing Facility Dorrow Mate	nx		
Depth Interval:	Depth Interval: $\delta - 3^{+}/6 - 8^{-1}$			
Weather Conditions:	Weather Conditions: Missly SUMY, NE OSMA, 60'S			
Sample Description:				
Field Soil Description SAND (61-65.), Some grand (f.s.) fraces: 17				
USCS Abbreviation $5W$				
Color Light Yellowish Brown (1071 4/4)				
Staining				
Odor	_			
Moisture $p_{(\gamma)}$				
	/			

Containers	Number	Preservatives
402 Hickor 6/45	2+2	6°C
	0-3" 8-8"	-
		=

QA/QC Samples Collected:			11 M 100 M
Comments:			
			та стали По
	2	· · · · · · · · · · · · · · ·	

V

DDD

D

BDDDD

D

	-UR1-10-TO2N-SOC			
	Attachment A			
FIELD	FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES			
Sample Identification:	VR1-3- TOIN-SOL	Date: 9/10/14/9/11/14		
Samplers' Signature:	S. all	Time: 1125 / 1430		
Type of Sample:	Surface: χ	Subsurface: X		
	Composite: X	Grab:		
Sample Location Coordina	ates:			
Type of Surface Cover:	Tailing Free Lity Borran Material			
Depth Interval:	0-3" / 6-8"			
Weather Conditions:	Mostly SUNNY, S.w. Suppy	60'5		
Sample Description:				
Field Soil Description SAND (fg- eg.) Some gravel (f.s- mg.) Are si H				
USCS Abbreviation	SW			
Color	Lizht Yellwish Brown (107R6,	(4)		
Staining				
Odor				
Moisture	Day			

Containers	Number	Preservatives
402. Amber Bless	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	~			
Comments: frace faili	7 .6 -8"		\/ · · · · ·	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification:	R1-11-TOIN-SOL	Date: 9/10/14/9/11/14		
Samplers' Signature:	S. M	Time: 1115/1405		
Type of Sample:	Surface:	Subsurface: X		
	Composite: γ	Grab:		
Sample Location Coordinat	tes:			
Type of Surface Cover:	Taling Facility Borran Material			
Depth Interval:	Depth Interval: $\partial -3''/\delta - 8''$			
Weather Conditions:	Weather Conditions: Mostly Sumy, 60's, 124 fursible win			
Sample Description:				
Field Soil Description SAND (fis-cis.) Size of Evel (fisi-misi)				
USCS Abbreviation 5W Subrounded to subargular				
Color Yellowigh	Brow (IDYR 5/4)			
Staining —				
Odor —				
Moisture Pry				

Containers	Number	Preservatives
402 Amber Blues	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	_			
Comments:			 	

	Attachment A	
FIELD SA	MPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification:	1R1-12- TOIN-SOL	Date: 9/9/14/9/11/14
Samplers' Signature:	6. 2 V	Time: 1/00 / 1425
Type of Sample:	Surface: X	Subsurface: \times
	Composite:	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Borrow Mater	inl
Depth Interval:	0-3"/6-8"	
Weather Conditions:	Misthy Suny, 60's, 1:547 var	able wind
Sample Description:	(fs;- (5))	
Field Soil Description	SAND and grave (Lig-ms.)	
USCS Abbreviation	5 W 500 - 50 400 -	
Color Lisht Yell	and Bran (IOYR 6/4)	
Staining		
Odor	-	
Moisture	lay	

Containers	Number	Preservatives
402 Amber Glass	278	6°C
	0-34 6-81	

6"-8" MS/MSD	
	6"-8" MS/MSD

\bigcirc		
\bigcirc		
\bigcirc		
0		
\bigcirc		2
\bigcirc		S
D		T
\bigcirc		
\bigcirc		S
\bigcirc		T
0		
0		w w
\bigcirc		
0		58
D		
D		
Ð		
D		-H
\square		
D		-
D		L
\square		
Ð		
D		
D		
D		
D		
Э		
D		
Ð		Q
Ð		C
D		
D		
D		-
\mathbb{D}		
Э		
D		
D		
Ð		

1

0

0

	/ telaorimone / t				
FIELD SA	MPLING DATA SHEET FOR SURFACE I	MATERIAL SAMPLES			
Sample Identification: $\frac{\partial U}{\partial V}$	R1-13-701N-50L	Date: 9/9/14/9/11/14			
amplers' Signature:	5.2	Time: 1040 / 1400			
Type of Sample:	Surface: X	Subsurface: X			
	Composite:	Grab:			
ample Location Coordina	tes:				
ype of Surface Cover:	Tailing Facility Bosrow Material	/			
Depth Interval:	0-3" / 6-8"	- 1			
reather Conditions: Mostly Sump, 60's, 1344 variable wind					
ample Description:					
Field Soil Description	SAND (f.s. c.s.) Some grave (f	(1.)			
USCS Abbreviation	Lidyt Velleven Brom MOVR STY)	3 5N			
Color		, <u> </u>			
Staining					
Odor					
Moisture	(Y				

Containers	Number	Preservatives
402: Anter Class	2+7-	8°C
	0-37 6-8"	
		N

QA/QC Samples Collected:	
Comments:	
8	

₽...

	Attachme	nt A			
FIELD S	AMPLING DATA SHEET FOR	SURFACE MATER	IAL SAMPLES		
Sample Identification:	UR1-14-TOIN-5	oL Date:	9/10/14/ 9/10/14		
Samplers' Signature:	5.21	Time:	1025 1540		
Type of Sample:	Surface: X	Subsu	rface: X		
	Composite: X	Grab:			
Sample Location Coordin	ates:	36 1.20			
Type of Surface Cover:	Tailing Pacility Borrow	* Material			
Depth Interval:	0-3" 16-8" Moso	Ay SUNNY	L'astrin.		
Weather Conditions: 9/14	fartly Cloudy, BU's	, SW Smph			
Sample Description:					
Field Soil Description	SAND (fisi- (isi) and	gravel Cfigi-A	is,) frace sitt		
USCS Abbreviation	Light Subrind - Subr	3 7 5W	~		
Color	Jellwigh Bran (1	orr (14)			
Staining					
Odor					
Moisture	Pry				
Containers	Numbo		Proconativos		
Containters	NUMBC		FIESEIVALIVES		
402, Ander Gla	55 2.	F4	в°с		
100	0-34	6~8			
	3 6	1			
Ţ					
QA/QC Samples Collecter	d:	4	1		
Comments:					

4

The second s

FIELD SAMP	PLING DATA SHEET FOR SURFA	CE MATERIAL SAMPLES
Sample Identification:	R2-15- TO1N-SUL	Date: 9/9/14 / 9/11/14
Samplers' Signature:	: 2_N	Time: 1505 / 1350
Type of Sample: S	urface: X	Subsurface: X
C	Composite: X	Grab:
Sample Location Coordinates:		
Type of Surface Cover: 7	Giling Facility Borrow 1	Material
Depth Interval:	0-3"/6-8"	
Weather Conditions: M.	ostly Cloudy, 70°F, SW	10-15-04
Sample Description:		1
Field Soil Description	SAND (f.s c.s.) some act	vel (frs M.g.)
USCS Abbreviation	ŚW	
Color Very Pale	Brown (10YR 7/4)	
Staining	-	
Odor	ä.	
Moisture	Pry	······································

Containers	Number	Preservatives
4 uz. Anbar Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:		
Comments:	· · · · · · · · · · · · · · · · · · ·	n m
	54	

Attachment A				
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification:	1R2-16-701N-SOL	Date: 9/9/14 / 9/10/14		
Samplers' Signature:	NT 10- NT02N-Sola 6"-8	Time: 0945 1410 6-8		
Type of Sample:	Surface:	Subsurface:		
	Composite: X	Grab:		
Sample Location Coordina	tes:			
Type of Surface Cover:	Tailing Freility Borron	~ Material		
Depth Interval: $0-3^{*}$ and $3^{*}-8^{*}$				
Weather Conditions: 5unny, 60's, Sauth was 5-10mph				
Sample Description:				
Field Soil Description SAND (f.s c.s.) some gravel (f.s ms.) trace s: 17				
USCS Abbreviation 5W andrew - Subang				
Color Lisht Kellandh Brow (104R 6/4)				
Staining				
Odor				
Moisture ρ_{γ}				

Containers	9/10/14 Number - 3 " 6-8"	Preservatives
402. Anber Glas	P.B. 26+22	8°C
	120-9/14/1	4
-		
	20	

QA/QC Samples Collected: $MS/MSD \approx 0-3$ " Comments: Trace Parting

FIELD SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES			
Sample Identification: EVR1-17-TOIN-SOL	Date: 9/10/14 / 9/10/14			
Samplers' Signature:	Time: /070 / 1445 6"-			
Type of Sample: Surface:	Subsurface:			
Composite: X	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Tailing Facility Borrow Mate	nial			
Depth Interval: $D-3''$ And $G''-8''$				
Weather Conditions: Juny, 60's, 5 wind 5 mgh				
Sample Description: $(f_{15} - f_{25})$				
Field Soil Description SAND and grave) (fign.s.)				
USCS Abbreviation 5'W				
Color Very Palie Brown (15 YR 7/4)				
Staining —				
Odor				
Moisture PG				
. /				

17

Containers	Number	Preservatives
402 Amber 6lass	2+2	B°C
	Jul 3ª 6-8"	

QA/QC Samples Collected: R. B. 9/10/14 6"-8" Comments: Trag taly Frace tailing

Sample Identification:	1R1-18-701N-SOL	Date: 8/9/14/9/11/14	
Samplers' Signature:	5.2 M	Time: 1455/1335	
Type of Sample:	Surface:	Subsurface: X	
	Composite: X	Grab:	
Sample Location Coordinat	tes:	+++	
Type of Surface Cover:	Tailing Facility Burrow Mate	rial	
Depth Interval:	0-3"/6-8"		
Weather Conditions: Mistly Cloudy, Fo's, WU. VISMA			
Sample Description:			
Field Soil Description SAND &f.s c.s.) and span) (f.s. a.s.),			
USCS Abbreviation	5~		
Color Very Pak	Brum (10YR 7/4)		
Staining	-		
Odor	-		
Moisture	Iry		

Containers	Number	Preservatives
402 Amber Glass	2-2	6%
	0-3" 6-8"	

QA/QC Samples Collected:		
Comments:		
	a	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification:	R1-19-TO1N-50L	Date: 9/9/14/9/11/14		
Samplers' Signature:	5. M	Time: 1445 / 1310		
Type of Sample:	Surface: χ	Subsurface: X		
	Composite: X	Grab:		
Sample Location Coordinat	es:			
Type of Surface Cover:	Triling Facility Burn Mater	·~/		
Depth Interval:	0-3" / 6" - 8"			
Weather Conditions: Mostly Cloudy, 70's, Www 10-15				
Sample Description: 5AND (f.g.c.g.) Some gravel (fg-m.g.) trace sitt				
Field Soil Description				
USCS Abbreviation $\leq W$				
Color Light Yell and Brown (10 YR 6/4)				
Staining				
Odor -				
Moisture Dry	•	. 1		

Containers	Number	Preservatives
402 Amber Glass	2+6	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	 MSLMAD for 6-8"	н
Comments:		
· · · · · · · · · · · · · · · · · · ·		

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification: $CVRI-20-TOIN-50C$	Date: 9/9/14/9/11/14			
Samplers' Signature:	Time: /155//332,			
Type of Sample: Surface:	Subsurface:			
Composite: -	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: 74: ling Facility Borrow M.	ateria)			
Depth Interval: $0-3"/6-8"$				
Weather Conditions: Mostly cloudy, & win 10-15 mily, 60's				
Sample Description:				
Field Soil Description 5AND (F5 c.5.) some scavel (f.5 M.J.)				
USCS Abbreviation SW				
Color light yellowish brown (107R \$14)				
Staining				
Odor				
Moisture $p_{(\gamma)}$				

Containers	Number	Preservatives
402, anderglass	2+2	6°C
U	0-3" 6.8"	
	-	

	~	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification: CVR 1-21-TO1N-SOL	Date: 9/9/14/9/11/14			
Samplers' Signature:	Time: 1305/1330			
Type of Sample: Surface: X	Subsurface: X			
Composite: X	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Tailing Facility				
Depth Interval: $\partial -3^{*}/6-8^{*}$				
Weather Conditions: Partly Clarky 70's, Wwind 1	10-15 mab			
Sample Description:				
Field Soil Description SAND (f. 5, - c. 3,) Some acevel (f. 5, - c. a)				
USCS Abbreviation $\leq W$				
Color Yellowish Brom (10YR 5/x)				
Staining				
Odor				
Moisture $p_{i\gamma}$				

ContainersNumberPreservatives 4_{02} , An br 6/1.ss2 + 2 $6^{\circ}C$ $0-3^{\circ}$ $6-8^{\circ}$

QA/QC Samples Collected:	_					
Comments:					 	
			<u></u>			
		 		0		
		•				20 1

Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES	3

Sample Identification: CVR1-22-TO1N-50L	Date: 9/9/14/9/11/14
Samplers' Signature:	Time: 1355/1200
Type of Sample:Surface:X	Subsurface: X
Composite: χ	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Mate	en'al
Depth Interval: $0-3''/6-8''$	
Weather Conditions: Mostly clovely, 70's, 5Ww.	W/0-15
Sample Description:	
Field Soil Description SAND (F3-C5.), SUME 9(110	(Fig. M.g.), traces.H
USCS Abbreviation 5W	
Color Light YE Marish Brown (108R 6/4)	
Staining	
Odor	
Moisture Dry	

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-		
Comments:			
A			
		3	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification: CVR 1 - 25 - TO 1N - SOL	Date: 9/9/14/9/11/14			
Samplers' Signature:	Time: 1350/1143			
Type of Sample: Surface: X	Subsurface: X			
Composite: χ	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Tailing Facility Borrow Mate	ria)			
Depth Interval: $0 - 3^{\prime\prime} / 6 - 8^{\prime\prime}$				
Weather Conditions: Mostly cloudy, 70's, 500	15mph			
Sample Description:				
Field Soil Description SAND (f.s. C.s.) and gravel	(f.sm.g.) trace silt			
USCS Abbreviation 5ω				
Color Pale Brown (10YK 1/3)				
Staining -				
Odor —	2 12			
Moisture Dry				

Containers	Number	Preservatives
402. Amber Glass	7+3	6°C
	0-3'3 6-84	

QA/QC Samples Collected:	-		
Comments:	¹⁴ relativ or		
			······································

Sample Identification: EVR 2-24-TOIN-SOL	Date: 9/9/14/9/11/14
Samplers' Signature:	Time: 1405/1140
Type of Sample: Surface: X	Subsurface: X
Composite: χ	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Mater	al
Depth Interval: $0-3''/6-8''$	
Weather Conditions: Mistly Cloudy, 70's, 5W 15	5mph
Sample Description:	
Field Soil Description GRAVEL (f.s. c.g.) Some Sand	(fig cig.) traces: H
USCS Abbreviation _ 3cheng - 5chrom	
Color Pale Brown (10 YR 6/3)	
Staining	
Odor —	, ,
Moisture p_{fy}	

Containers	Number	Preservatives
402, Amber Glass	2+2	b°C
- 21	0-3" 6-8"	

QA/QC Samples Collected:	_		
Comments: 6-8"	Parap		
· · ·			

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES	S
MIRI- 25- TAZAI- SAL	

Sample Identification: CVR1-25-TU1N-50C	Date: 9/9/14 / 9/11/14			
Samplers' Signature:	Time: 1335/1130			
Type of Sample: Surface: X	Subsurface: X			
Composite: χ	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Trilly Facility Borrow Mate	nal			
Depth Interval: $0-3$ " $12-8$ "				
Weather Conditions: Partly Cloudy, 70°F, W.	wind 10-15			
Sample Description:				
Field Soil Description SAND(fs-c.s.) some scarel (fsn.s.) trace silt				
USCS Abbreviation $\leq \omega$				
Color Light Yellowish Brown (10YR 6/4)				
Staining				
Odor				
Moisture p_{cy}				

Containers	Number	Preservatives
402 Amber 6/ass	2+2	6°C
	8-3" 6-8"	

QA/QC Samples Collected:	_				
Comments:					
		190			
			II		
80					

FIELD SAMPLIN	IG DATA SHEET	FOR SURFACE MATERIAL	SAMPLES
1. 1.	A/ TR211	e x 1	

Sample Identification: CVR1-26-JUN-SOL	Date: 9/9/14/9/11/14		
Samplers' Signature:	Time: 1320/1115		
Type of Sample: Surface: X	Subsurface:		
$\stackrel{\text{Composite:}}{\checkmark}$	Grab:		
Sample Location Coordinates:			
Type of Surface Cover: Tailing Facility Borrow Material			
Depth Interval: $0-3^{\circ}/6-8^{\prime\prime}$			
Weather Conditions: Partly clardy, 70's, 5W wind 10-15 mph			
Sample Description:			
Field Soil Description SAND (fis- (ig.) some grave / (fig	M.g.), Have silt		
USCS Abbreviation 5W subarry			
Color H, Ye Havid Bran (104R 6/4)			
Staining			
Odor -			
Moisture ρ_{fy}			

Containers	Number	Preservatives
402, Amber Glass	2+2	6°C
	8-3" 5-8"	

QA/QC Samples Collected:	1	
Comments:		
0		

Sample Identification: CVR 1-27-TO 1N-50L	Date: 9/9/14/9/11/14			
Samplers' Signature:	Time: 1430/1110			
Type of Sample: Surface: X	Subsurface: χ			
Composite: χ	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Taily Face lity Burn Mate	rial			
Depth Interval: $0-3$ " $16-8$ "				
Weather Conditions: Mostly Cloudy, Fo's, 5W wind Womb				
Sample Description:				
Field Soil Description GRAVEL Surresand trave silt				
USCS Abbreviation (F3, - 3.1) (F3, - 3.)	GW			
Color Light Yellowish Brow (10YR \$ 14)				
Staining				
Odor				
Moisture p_{1}				

Containers	Number	Preservatives
402. Antor Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples	Collected:	
Comments:	(-8" & x~p	
		N.

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES			
Sample Identification: CVR 1228-TO1N-SOL	Date: 9/9/14 9/11/14		
Samplers' Signature:	Time: 1145/1050		
Type of Sample: Surface: K	Subsurface: X		
Composite: χ	Grab:		
Sample Location Coordinates:			
Type of Surface Cover: Tailing Facility Borrow Mater	inl		
Depth Interval: $0-3''/6-8''$			
Weather Conditions: Mostly cloudy, 60's, 5W	w.nd 5-10mph		
Sample Description:			
Field Soil Description 54NO (f.s-c.s.) forme grave 1 (f.s M.s.), frees. 17			
USCS Abbreviation 54 5. brown - 3.6 273			
Color Pale Brown (10 YR 6/3)			
Staining			
Odor			
Moisture p_{ry}			

Containers	Number	Preservatives
402 Amberglass	2+2	б°с
	0-3" 6-8"	

QA/QC Samples C	collected:	-		
Comments:				
		· · · · · · · · · · · · · · · · · · ·	····· - ···· - ·	

Sample Identification:	VR1-29-TUIN-SOL	Date: 9/9/14/9/11/14	
Samplers' Signature:	5. 2 M	Time: //30/1050	
Type of Sample:	Surface:	Subsurface: χ	
	Composite: X	Grab:	
Sample Location Coordina	tes:		
Type of Surface Cover:	Tailing Facility Borrow Mate	67)	
Depth Interval:	0-3" 16"-8"		
Weather Conditions:	Mostly Cloudy, 60's, 5a	··W Junph	
Sample Description:			
Field Soil Description GRAVEL (f.s (.s.) and sand (f.s c.s.) + ray s. 17			
USCS Abbreviation	GW Subrand-	subans.	
Color light yellowish brown (10YR «14)			
Staining			
Odor	-	A)	
Moisture	pry		

Containers	Number	Preservatives
4:02 anderglass	2+2	6°C
	0-3" 6"-8"	

QA/QC Samples Collected:	$> \ell_{1}$
Comments: 6"-8" 2011 tailing, Jamp	

Attachment A				
FIELD SAI	MPLING DATA SHEET FO	OR SURFACE MATE	RIAL SAMPLES	
Sample Identification: CU	1R1-30-TUIN-SU	L Date:	9/8/14/9/11/14	
Samplers' Signature:	5.2 M	Time	1120/1020	
Type of Sample:	Surface:	Subsu	urface: X	
	Composite: χ	Grab	ρ	
Sample Location Coordinat	tes:		5	
Type of Surface Cover:	Tailing Fac. 1Ay B.	Irrow Material	1	
Depth Interval:	0-3" 16"-8	y /1	0	
Weather Conditions:	Mostly cloudy,	(w.w. 10-15, 6	10's -	
Sample Description:				
Field Soil Description	5AND (FS 6.9.)	and gravel (f.s.	c.s.), traces:17	
USCS Abbreviation	SW S-DT	un - subers		
Color /iz4+	vellowish brow (10.	R 6/4)		
Staining				
Odor				
Moisture pc.	6-8	Parp		
,				
Containers	Nui	nber	Preservatives	
4 of Anbr Glas	3 2	+2	6°C	
	a -3	4 6-84		
n				
QA/QC Samples Collected:	-			
Comments:				

0
0
\bigcirc
6
\bigcirc
\bigcirc
\bigcirc
\bigcirc
0
0
0
0
0
0
0
\bigcirc
0
0
0
0
0
0
U
D
0
D
D
D
Ð
0
0
D
Ð
Ð
D
D
Ð
D
2
à
2

Attachment A			
FIELD SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES		
Sample Identification: CUR3t= CUR1-31-TOIN-50L	Date: 9/8/14/9/11/14		
Samplers' Signature: A CVR1-31-7010-50C	Time: //05//035		
Type of Sample: Surface:	Subsurface: χ		
Composite: X	Grab:		
Sample Location Coordinates:			
Type of Surface Cover: TA: I'm Facility Borrow Materia			
Depth Interval: $0-3^n/6-8^n$ /			
Weather Conditions: Partly cloudy, 60's, Swim ~ 10mph/			
Sample Description: [SAND (F.s C.s.) and gravel (F.s C.s.) Sime silt			
Field Soil Description			
USCS Abbreviation $\leq \mathcal{N}$			
Color Pale Brown (104R 6/3)			
Staining			
Odor			
Moisture ρ_{γ}			

Containers	Number	Preservatives
402 Amber 61055	2+2,2	6°C
	0-3" 6".8"	

les Collected: FD, RB trace tailing 0-3", 6"-8" 150%, Tailing and drop QA/QC Samples Collected: Comments:

Attachment A				
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification: CVKI - 32 - TUIN - 50L	Date: 9/9/14 /9/11/14			
Samplers' Signature: 5.2 M	Time: 1050/0940			
Type of Sample: Surface: X	Subsurface: χ			
Composite:	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Tailing Facility Borrow Mater	in)			
Depth Interval: $0-3''/6-8''$				
Weather Conditions: Par Hy Cloudy				
Sample Description:				
Field Soil Description GRAVEL (fs-cis.), sumes and (fis-cis.), traces it				
USCS Abbreviation GW Subraw - sub was				
Color Pale Brown (10 YR 6/3)				
Staining				
Odor				
Moisture ρ_{fy}				

Containers	Number	Preservatives
402. Amber 6 lass	2+2	6°C
	0-3" 6-8"	
·		

QA/QC Samp	oles Collected:			
Comments:	Tailing 6 "- 8"			
				D
			π	

	Attachment A	
FIELD SA	MPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification:	VR1-33-701N-50L	Date: 9/9/14/9/11/14
Samplers' Signature:	5. M	Time: 1045/0945 0920
Type of Sample:	Surface: X	Subsurface:
	Composite: X	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Burraw Mate	ria
Depth Interval:	0-3" [6-8"	
Weather Conditions:	arthy cloudy, 60°F, 5 10	م _{ام} ر ا
Sample Description:		
Field Soil Description	SAND (fig- c.s.) and gravel (f	·5 · r.5.1. 500= 5:17
USCS Abbreviation	SW Subrown-Subary	
Color 1:54+ye	Novish brown (10 YR 6/4)	
Staining		
Odor		
Moisture Pry		
1		

Containers	Number	Preservatives
402 Amber 6/185	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Col	lected:			
Comments: Ta	ling 6"-8"	 		
			1. M	-

	Attachment A	
FIELD SA	MPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification:	1R1-34-TOIN-SOL	Date: 9/8/14 /9/11/14
Samplers' Signature:	5. 2	Time: 1030/0945-
Type of Sample:	Surface: χ	Subsurface: χ
	Composite: X	Grab:
Sample Location Coordina	ites:	
Type of Surface Cover:	Tailing Facility Borrow M	aterial
Depth Interval:	0-3" / 6"- 8"	
Weather Conditions: Party cloudy, 60's Swim 10mph		
Sample Description:		
Field Soil Description	SAND (f.s-c.s.) some sitt and	55 mel (frg, - 11.5.)
USCS Abbreviation	5W Subang-subri	vna ·····
Color Ver- per	e 1000 (10 YR 7/4)	=
Staining	-	
Odor -		
Moisture p_{ℓ}	γ	

Number	Preservatives
2:2	6°C
0-3" 6" 8"	
	Number 7 7 2 0-34 64 84

QA/QC Samples Collected:	-		
Comments:			
		3	

FIELD SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification: CVR 1 - 35 - TOIN - 50L	Date: 9/9/14/9/11/14
Samplers' Signature: 5. 2	Time: /0/0 / 09/0
Type of Sample: Surface:	Subsurface:
Composite: X	Grab:
Sample Location Coordinates:	A
Type of Surface Cover: Triling Facility Berrow Motion	· - /
Depth Interval: $0 - 3'' \text{ and } 6'' - 8''$	
Weather Conditions: Party cloudy, 60's, Scinda	10mgh
Sample Description: SAND and space Some silt	
Field Soil Description (F.5- (3:) (F.5- (3:))	1
USCS Abbreviation 5ω	
Color Light yellouish brown (108R 614)	
Staining None	2
Odor None	
Moisture p_{γ}	

Containers	Number	Preservatives
402. ander glass	6:7	6°C
	0-34 6-8"	П

QA/QC Samples Collected:	M 5 1M50 (0-3")		
Comments:			· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·	

FIELD SAMPLING DATA SHEET H	thment A FOR SURFACE MATERIAL SAMPLES
Sample Identification: $CVR - 36 - TO2N - 5$	Date: 9/9/14/9/11/14
Samplers' Signature: CURI-36-7010-5	Sec Time: 0920/0810
Type of Sample: Surface:	Subsurface:
Composite:	Grab:
Sample Location Coordinates:	L
Type of Surface Cover: Tr. 1. by Free . 1. by	Borrow
Depth Interval: 0-3" and	8 ⁿ -8 ^u
Weather Conditions: 5mny, 60°	, partly cloudy -
Sample Description:	(fight en subrows - sub
Field Soil Description SAND (fis- c.s.	, suban) and scare) true so It
USCS Abbreviation 5 W	
Color (16YR 5/4) vellowish	it com
Staining -	
Odor	
Moisture Pass	
	2
6.6.9/9/14Containers 6-8* No	umber 0+5 Preservatives
25 402 Amber 61455 2+2:4.	2+2=4 06

QA/QC Samples Collected: Field Dupliate (0-3") and (6"-8") - 50% and damp 6'-8" Comments: Tailing encounteral

Attachment A
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification: EVR2 - 1 - TOIN - SOL		Date: 9/12/14			
Samplers' Signature: CU	R2-1-7020-SOL	Time: 1007/ 1025			
Type of Sample:	Surface: X	Subsurface: X			
	Composite: X	Grab:			
Sample Location Coordina	ites:				
Type of Surface Cover:	Pailing Facility Porrow Materia	1			
Depth Interval:	0-3", 6-8"				
Weather Conditions:	3UANY, 5W - Suid 5-10,	60'5			
Sample Description:	Sample Description:				
Field Soil Description GRAURL (figure block) and for cig.)					
USCS Abbreviation GW					
Color Pale Brown (10×R 6/3)					
Staining	-				
Odor					
Moisture	Dry				

Containers	Number	Preservatives
402 Anter Glass	2+2	6°C
	8-3" 6-8"	

QA/QC Samples Collected:	
Comments:	
	 2
· · · · · · · · · · · · · · · · · · ·	

Attachment A FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification:	R2-2-701N-50L	Date: 9/12/14	
Samplers' Signature:	R2-2-TO2N-SOL	Time: /0/0/ 1035	
Type of Sample:	Surface:	Subsurface:	
	Composite:	Grab:	
Sample Location Coordina	ates:		
Type of Surface Cover:	Tailing Facility Borrow Mater	12/	
Depth Interval:	0-3", 6-8"		
Weather Conditions: Mrstly Sumy, 60'S, 5Wain 10			
Sample Description:		R	
Field Soil Description GRAVEC (63. , Co Whe) sume sand (f) (2)			
USCS Abbreviation	GW		
Color Light Yellowish Brown (10YR 6/4)			
Staining —			
Odor —			
Moisture $\rho_{1\gamma}$ -	Pamp with depth		

Containers	Number	Preservatives
Yuz Anter Glass	6+2	6°C
	0-34 6-84	
		254 J
		R

QA/QC Samples Collected:	MSINGO	0-3"		
Comments:				
				-
				······································
			nin li	

FIELD SAMPLING DATA SHEET FOR SURF	ACE MATERIAL SAMPLES
Sample Identification: CVR2-3-TOIN-SOL CVR2-3-TO2N-SOL	Date: 9/12/14
Samplers' Signature:	Time: 1035/1055
Type of Sample: Surface: X	Subsurface: X
Composite: X	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Practity Bowar M.	akeral
Depth Interval: $0^{-3^{\circ}} + 6^{-8^{\circ}}$	Kinnal Constant
Weather Conditions: Mostly sunny, 80'S,	5 W wind 10-15
Sample Description:	Ķ
Field Soil Description GRAVEL (figi-cobble) a	nd sand (fis-cisi)
USCS Abbreviation GW	subra J
Color Light Yellowish Brown (10 YR 6/4)	
Staining	
Odor -	Num-
Moisture Pry	

Containers	Number	Preservatives
402, Amber Glass	6+2	6 * 2
	0-3" 6-8"	
ĥ		

QA/QC Samples Collected:	molmon on	0-3°	
Comments:	······		

1

Attachment A

Sample Identification: CVR2-4-TOIN-SOC CVR2-4-TOZN-SOC	Date: 9/15/14		
Samplers' Signature: Sin A for Jon Pink	Time: 0915/1025		
Type of Sample: Surface: X	Subsurface: X		
Composite: X	Grab:		
Sample Location Coordinates:	NF		
Type of Surface Cover: Tailing Facility Berrow M	aterial		
Depth Interval: $0-3^{\prime\prime}, 6-8^{\prime\prime}$			
Weather Conditions: SUMY, 60'S, 1:544 Varia	ble wind		
Sample Description:			
Field Soil Description SAND (f.s c.s.) Some grav	el (fis, to coppe)		
USCS Abbreviation SW Jur ound to subang			
Color Light yellowich brown (10 YR 6/4)			
Staining -			
Odor			
Moisture $p_{f_{\gamma}}$			

Containers	Number	Preservatives
402. Amber 6/css	2+2	٥°٢
_	0-3" 6-8"	
	-	

QA/QC Samples Collected:		
Comments:		

1

Attachment A

Sample Identification: CVR2-5-TOIN-SOC CVR2-5-TOZN-SOC	Date: 9/15/14
Samplers' Signature: 5 2 1 for Metronand	Time: 0915/0940
Type of Sample: Surface:	Subsurface: 🗶
Composite:	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borr	ow Material
Depth Interval: $0-3^{\prime\prime}$, $6-8^{\prime\prime}$	
Weather Conditions: 50mg, 60's, vande kist	stand
Sample Description:	
Field Soil Description 54ND (fistocs,) some gravel	(fs adde) downwood
USCS Abbreviation SW Subrown tosubling.	
Color Yellowish Brow (107REKe) greating to 1	1:542 Yellarish Brow (1078 6/4)
Staining -	
Odor —	
Moisture Dry to Damp on Modenth	

Containers	Number	Preservatives
402, Amber 6hss	2+2	6°C
	0-3" (-8"	- 15
•		
	ж. А.	

QA/QC Samples Collected:	
Comments:	

Sample Identification: CVR	(2-6- TOIN- SOL (2-6- TOZN- SOL	Date: 9/15/14	
Samplers' Signature:	2 M for Jos Pink	Time: 0942/0955	
Type of Sample:	Surface: X	Subsurface: X	
	Composite:	Grab:	
Sample Location Coordinate	25:		
Type of Surface Cover:	Tailing Facility Borrow Materia)	
Depth Interval:	0-3", 6-8"		
Weather Conditions:	sumy, 60's, 13 bot valiable win	d	
Sample Description:			
Field Soil Description SAND (F.S C.S.) some acril (F.S. C. bbles) traces: It			
USCS Abbreviation	SW Subrown - subary	24	
Color Very Pale Brown (10YR 7/3)			
Staining			
Odor			
Moisture $\rho(\gamma)$			

Containers	Number	Preservatives
402, Ander Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:			
Comments:			
		×.	
-

Attachment A

Sample Identification: CV	92-7-TOIN-SOL 82-7-TOZN-SOL	Date: 9/15/14
Samplers' Signature:	M for Flakher Makantin	Time: 0955/1005
Type of Sample:	Surface: X	Subsurface: X
	Composite: X	Grab:
Sample Location Coordinat	es:	
Type of Surface Cover:	Failing Facility Borrow Material	Λ
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Suny, 60's, light variable and	
Sample Description:	. ,	
Field Soil Description	SAMD (fig- c.g.) Some gravel (f.	s-cobble) trace clay
USCS Abbreviation	SW	
Color Very Pale	Brown (10YR 7/3)	
Staining		
Odor –		
Moisture $\rho_{\Gamma\gamma}$		

Containers	Number	Preservatives
Yoz. Amber Glass	2+2	б°с
	0-3 6-8"	
	gu.	

QA/QC Samples Collected:	-	-		
Comments:			πτο _{τη}	
	1			

-

Sample Identification: <vr2 -="" 8-701n-50c<="" th=""><th>Date: 9/15/14</th></vr2>		Date: 9/15/14		
Samplers' Signature:	12-8-TOZN-SOL MAN Jon Pink	Time: 1015/1025		
Type of Sample:	Surface: X	Subsurface: X		
	Composite: 🗙	Grab:		
Sample Location Coordina	tes:			
Type of Surface Cover:	Tailing Facility Borrow Materia	1		
Depth Interval:	0-3", 6-8"			
Weather Conditions:	unny, 60's, light variable win	1		
Sample Description:				
Field Soil Description SAND (fs c.s.) some gravel (f.s cobbles)				
USCS Abbreviation	USCS Abbreviation 5W			
Color Voy Pik Prom (10 YR 7/3)				
Staining -	e	for Charles and the		
Odor –				
Moisture $p_{r_{\gamma}}$				

Containers	Number	Preservatives
402 Amber 6/cas	2+2	6°c
	0-3' 6-8"	

QA/QC Samples Collected:		
Comments:		
v.	<i>1</i> .	
-		

Sample Identification: CV	IRZ-9- TUIN-50L IRZ-9- TOZN-50L + CVR2-9-TO	Date: 9/15/14
Samplers' Signature:	2 I for Fletcher Mckenzie	Time: 1030/1050
Type of Sample:	Surface: X	Subsurface: X
	Composite: X	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Borrow Materi	a1
Depth Interval:	0-3", 6-8"	
Weather Conditions:	sunny, 60's, lisht variable win	d
Sample Description:		
Field Soil Description	SAND (f.sc.s.) and gravel (f.	s, -c.s.)
USCS Abbreviation	5 W subang - subround	
Color	Very Pale Brown (107R 7/4)	
Staining		
Odor		
Moisture	Pry	
	/	

Containers	Number	Preservatives
402. Amber Glass	2+4	6°C
	0-3" 6-8"	
		5

QA/QC Sample	s Collected:	FD	(6-8") a.	nd RB		
Comments:	Triling 5-8	~ 50	1.			_
М	oval sample	4' Kast	t because of	- Solar A	liny	
	1				/	

Attachment A

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification: CVR2-10-TOIN-50L	Date: 9/15/14
Samplers' Signature:	Time: 1254/1311
Type of Sample: Surface:	Subsurface: χ
Composite:	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Material	
Depth Interval: $0-3''$, $6-8''$	· · · · · · · · · · · · · · · · · · ·
Weather Conditions: Sumy, 70's, 1:547 variable with	nd s
Sample Description:	
Field Soil Description GRAVEL (F.S 10 bble) and Sand	$a(f_{3},-c_{3})$
USCS Abbreviation GW	
Color Very Pale Brown (10YR 7/4)	
Staining	
Odor -	
Moisture $\rho\gamma$	

Containers	Number	Preservatives
402. Amber Glass	2 + 2	6°c
	0-3" 6-8"	
	· · · · · · · · · · · · · · · · · · ·	
Д		

QA/QC Samples Collected:

Comments: Mount alternate #3

Attachment AFIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLEStification: CVR2 - 11 - T0IV - 30LDate: g/15/14

Sample Identification:	RZ-11-TUZN-SOL	Date. 9/15/14
Samplers' Signature:	M fr Jor Pink	Time: /040//055
Type of Sample:	Surface: X	Subsurface: X
	Composite: X	Grab:
Sample Location Coordinat	ies:	
Type of Surface Cover:	Tailing Facility Borrow Mater	ria
Depth Interval:	0-3", 6-8"	
Weather Conditions:	SUMMY, TO'S, Isht variable and	nd
Sample Description:	,, , ,	
Field Soil Description	\uparrow	
USCS Abbreviation	5AND (f.s. c.s.) some gravel (t	is, - cobbe) +race clay) SW
Color Light Yello	uish Blown (lorR 6/4)	
Staining	~	-
Odor .	_	
Moisture PC	4	

Containers	Number	Preservatives		
402. Anter Glass	2+2	6 °c		
	0-3' 6-8'			

QA/QC Sam	ples Collected:			
Comments:	RB on 6-8"	-	_	2
		12		
	······································			
		-	4	

Attachment A

Sample Identification: $\begin{array}{c} \mathcal{C} \mathcal{V} \\ \mathcal{C} \mathcal{V} \end{array}$	RZ-12-TUIN-SOC RZ-12-TU2N-SOC	Date: 9/15/14	
Samplers' Signature:	. I for Flother Miller	Time: 1235/1255	
Type of Sample:	Surface: X	Subsurface: X	
	Composite: X	Grab:	
Sample Location Coordina	tes:		
Type of Surface Cover:	Tailing Facility Bosrow Materia		
Depth Interval:	Depth Interval: $0-3$, $6-8$		
Weather Conditions: 50 my, 70's, light variable what			
Sample Description:			
Field Soil Description	GRAVEL (f.sc.s.) and sand	(f.g c.g.)	
USCS Abbreviation	GW		
Color	Yellovish Brown (10YR5/4)		
Staining			
Odor			
Moisture	pry		

Containers	Number	Preservatives
402 Ander Glass	2+2	6°C
	0-3" 6-8"	
W.		

QA/QC Samples Co	llected:	
Comments:		

Sample Identification: $\frac{$	R2-13-701N-50L R2-13-702N-50L	Date: 9/15/14	
Samplers' Signature:	M for Jan Pink	Time: 1210/1220	
Type of Sample:	Surface:	Subsurface: X	
	Composite:	Grab:	
Sample Location Coordina	ites:		
Type of Surface Cover:	Tailing Facility Borrow Materia	n/	
Depth Interval:	0-3, 6-8		
Weather Conditions:	sunny, to's, light variable w.	ind	
Sample Description:			
Field Soil Description SAND (fishers) Some acrowl (fisher cobbles)			
USCS Abbreviation	ŚW	5	
Color Ver	y Pale Brown (IUYR 7/4)		
Staining		10	
Odor			
Moisture	Pry		

Containers	Number	Preservatives
402, Amber Glass	2+2	6°с
	013 6-8	

QA/QC Samples Collected:		
Comments:		

Attachment A

Sample Identification:	R2-14-TUZN-SOL	Date: 9/15/14
Samplers' Signature:	. I for plakeby Machanic	Time: 1325/1345
Type of Sample:	Surface:	Subsurface: X
	Composite: X	Grab:
Sample Location Coordinate	S:	
Type of Surface Cover: 7	ailing Facility Borran Material	
Depth Interval:	0-31/6-8"	
Weather Conditions:	Sunny, 70's, light unide a	ind
Sample Description:		
Field Soil Description	GRAVEL (F.S ColMe) and se	and (f.s.c.s.)
USCS Abbreviation	GW Bubang-subru	N-
Color Very Palel	6 rown (10YR 7/4)	
Staining -	-	
Odor -	-	
Moisture ρ_{γ}	·	

Containers	Number	Preservatives
402. Amber Gless	2+2	6°С
	0-3" 6-8"	

QA/QC Samples Collected:			
Comments:			
	5		

FIELD SAMPLING DATA SHEET FUR SURFACET	WATERIAL SAWPLES
Sample Identification: CVR 2-15-TOIN-SOC CVR 2-15-TOZN-SOC	Date: 9/15/14
Samplers' Signature: Sin M for Jon Ribly	Time: 1400
Type of Sample: Surface: χ	Subsurface:
Composite: χ	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Taling Facility Borrow Mata	rial
Depth Interval: $0-3'', 6-8^{\circ}$	
Weather Conditions: Sunny, Po's, Sta 5-10mph	
Sample Description:	
Field Soil Description SAND (fg. c.g.) Some gravel (1	fiz coblace)
USCS Abbreviation 5W Subraw & Subargula	Y T
Color Very Pake Brown (10YR 7/4)	
Staining —	
Odor	
Moisture p_{γ}	

Containers	Number 6-8"	Preservatives
402. Anter Glass	2+2	6°c
		· · · · · · · · · · · · · · · · · · ·

QA/QC Samples Collected:	
Comments:	
0	j.

Sample Identification:	VR 2-16-TOIN-SOL	Date: 9/15/14
Samplers' Signature: C	VR2-16-TOZN-SOL for Flother Mil	Time: 1410/1440
Type of Sample:	Surface:	Subsurface: X
	Composite:	Grab:
Sample Location Coordi	nates:	
Type of Surface Cover:	Tailing Facility Berrowl	Material
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Mosthy clausy 70's, SES-	10mg/g
Sample Description:		
Field Soil Description	m SAND (f.s c.s.) some gravel	(figi-cigi) traces:H
USCS Abbreviation	SW	9 9
Color	Lery Pake Brown (10YR 7/4)	
Staining	1	
Odor		-191
Moisture	Dry	
the local sector of the sector		

Containers	Number	Preservatives
422 Amber 61x85	2+2	6°C
	0-3 6-8	
	a	
		2

QA/QC Samples Collected:	-			
Comments:				У
·····		i t		
1				

Sample Identification: CUR2-17-7010-50C CUR2-17-702N-50C	Date: 9/15/14
Samplers' Signature: S. R.M. for Jon Buk	Time: 1427 1455
Type of Sample: Surface: X	Subsurface:
Composite:	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility borran Material	
Depth Interval: $0-3''/6-8''$	
Weather Conditions: Mostly Claraly, 77's, 1:24 var	2 ble wind
Sample Description:	
Field Soil Description SAND (f.g- c.g) some gravel	(figi-coldk)
USCS Abbreviation SW 30 brown - 50 br	8/-
Color Very Pale Brow (10 YR 7/4)	
Staining 7	
Odor —	
Moisture $\rho_{f\gamma}$	

Containers	Number	Preservatives
402, Ander Glass	2+2	6~2
	0-34 6-84	

QA/QC Samples Collected:	<u> </u>		
Comments:			
		المستعمل المحسنة	
		1.50 VS	
	and the second sec		2

-

Attachment A

Sample Identification:	CVR-1-18-TOIN-SOC	Date: 9/15/14
Samplers' Signature:	2_ M for Fletcher McKenzie	Time: 1455 / 1510
Type of Sample:	Surface:	Subsurface: X
	Composite: X	Grab:
Sample Location Coordin	ates:	William and
Type of Surface Cover:	Tailing Facility Borrow Mate	inial
Depth Interval:	0-3", 6-8"	
Weather Conditions:	eloudy, Can, 60's, SE wind	10-20
Sample Description:		
Field Soil Description	SAND (f.g C.g.) some argu	rel (Fis - Cobble) trace clay
USCS Abbreviation	SW	
Color Brownig	Yollow (10×R 6/6)	
Staining	-	
Odor ·	-	
Moisture M	1 oist	

Containers	Number	Preservatives
402, Ander Chas	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-	
Comments:		

Sample Identification:	- VR2 - 19 - 701A - VR2 - 19 - 702	N-SOL N-SOL	Date: 9/15/ 9/16/15	14-0-3"
Samplers' Signature:	5. Mhr	Jan Rinks and Mel	14 Time: 15051	0830
Type of Sample:	Surface:	X	Subsurface: λ	
	Composite:	X	Grab:	
Sample Location Coord	inates:			
Type of Surface Cover:	Tailing Facil	lity Borrow M	laterial	
Depth Interval:	A 24 /	04		
	0-31 6-	8		
Weather Conditions:	clarly, ran,	00'S, SENINI	10-20; Suny, &	40's, listimstand
Weather Conditions: Sample Description:	clary, ran,	60'S, SENINI	10-20 ; Sunny, 4	40's, lightranthan
Weather Conditions: Sample Description: Field Soil Description	Clary, Fan,	8 60's, SENIWI	10-20; Sunny, 4	40's, 1,5 totanthan
Weather Conditions: Sample Description: Field Soil Description USCS Abbreviation	O-3, 6- clarity, ran, On CLAY, som CL	8 60's, SENIWI regravel (fis, -	cobbles), frace sa	40's, 1.5 bot work wi
Weather Conditions: Sample Description: Field Soil Description USCS Abbreviation Color Yellew	Clarky, Fan, Clarky, Fan, Dn CLAY, Som CL ish Brown (10	8 6 0's, SENIWI 10 gravel (f.s 14)	10-20; Sunny, 4 cobbles), trace sa	40's, 1.5 bot and 1.00 nd (f. 5 - C. 5.7)
Weather Conditions: Sample Description: Field Soil Descriptio USCS Abbreviation Color Yellew Staining	O-3, 6- clarity, ran, On CLAY, som CL ish Brown (10 -	8 6 0's, SENIWI negravel (fis, - 19R 5/4)	10-20; Sunny, 4	40's, 1.5 bot work wi
Weather Conditions: Sample Description: Field Soil Descriptio USCS Abbreviation Color Yellew Staining Odor	O-3, 6- clarity, ran, On CLAY, som CL ish Brown (10 -	8 6 0's, SEMWI Degenvel (f:s,- 19R 5/4)	U-20; Sunny, 4 cobbles), frace sa	40's, listimated un nd (f.s-c.s.)

Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAM	LES

Containers	Number	Preservatives
408 Amber 61655	2+2	6°C
	0-3 6-8	

QA/QC Samp	les Collected:		
Comments:			
		2.	

Attachment A
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification: CVR2-28-781N-50L	Date: 9/16/14
Samplers' Signature:	Time: 0842/0850
Type of Sample: Surface: X	Subsurface: 🗙
Composite: X	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow M	storia)
Depth Interval: $0-3, 6-8$	
Weather Conditions: Sunny, 50's, calm	
Sample Description:	EG. 9011
Field Soil Description SILT and sand (f.s. c.s.) 50	megravel (fig cobble) trave sitte
USCS Abbreviation ML	clay
Color Brownish Yellow (10YR 16)	
Staining -	
Odor —	
Moisture Panp-Moist	

Containers	Number	Preservatives
402, Amber 6hus	2+2	6 °C
	0-5" 6-6"	

QA/QC Samples (Collected:	-			
Comments:	-			<u>,</u>	

Sample Identification: CM	R2-21-70 R2-21-70	1N-50L 1N-50L	Date: 9/16/14
Samplers' Signature:	21	for Anny Reichle	Time: 0910/0935
Type of Sample:	Surface:	X	Subsurface: X
	Composite:	×	Grab:
Sample Location Coordinat	tes:		
Type of Surface Cover: 7	Failing Fa	eility Borrow Materia	1
Depth Interval:	0-3",	6-8"	
Weather Conditions:	SUMY,	60°, calm	
Sample Description:	"		3 <u>.</u>
Field Soil Description	CLAY se	negravel (fiscobb	(e) trace send (fy- 43.)
USCS Abbreviation	CL	0 3	
Color Ver	, Pale Bra	m (10×R7/4)	
Staining	-		
Odor	-		
Moisture M	leist		

Containers	Number	Preservatives
402. Ander Glass	2+2	6*2
	0-34 6-84	
840		

QA/QC Samples Collected:	-		
Comments:		 	
		 N	
		τ	

-

i.

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES				
Sample Identification:	R2-22-TOIN-SOL R2-22-TO2N-SOL	Date: 9/16/14		
Samplers' Signature:	A for Aman Sa Reichle	Time: 0950/1010		
Type of Sample:	Surface:	Subsurface: 🗙		
	Composite:	Grab:		
Sample Location Coordina	tes:			
Type of Surface Cover:	Tailing Facility Borrow Motoria	1		
Depth Interval:	0-3;6-8*			
Weather Conditions:	sonny, 60's, light SE wind			
Sample Description:				
Field Soil Description	SPLT some gravel (fscottak	true send (from con)		
USCS Abbreviation	ML Subron	J-Subry		
Color	Bromish YEN av (10YR 6/6)			
Staining	_			
Odor				
Moisture	prop			

Containers	Number	Preservatives
402. Amber Glass	8+2	6°C
	0-32 6-82	
		28 K

QA/QC Samples Collected:	MsInsb on 0-3"
Comments:	
n Pe	
0	

Attachment A

-

FIELD S/	AMPLING DATA S	HEET FOR SURFACE	E MATERIAL SA	AMPLES	
Sample Identification:	1R2-23-701N- 1R2-23-702N-	506	" Date: 9/	16/14	
Samplers' Signature:	nh	Flate In Makenzie	Time: /soc	11025	
Type of Sample:	Surface:	$\boldsymbol{\varkappa}$	Subsurface:	×	
	Composite:	X	Grab:		
Sample Location Coordin	ates:				
Type of Surface Cover:	Tailing Fach	4 Borrow Material	1		
Depth Interval:	0-3,6-8	- 40 			
Weather Conditions:	sung, 60's	calm	-		
Sample Description:	CAND (FS-	e.s.)		1 day	
Field Soil Description	1 SALT SUM	e gravel (fig 11	hhb) trace	Charles ?	51
USCS Abbreviation	ML	Subren	w - subarg		9/16/
Color	Yellwish Brow	~ (10YR5/x)		in an	
Staining					
Odor	~			20 20	
Moisture	Most		***		

Attachment A

Containers	Number	Preservatives
402. Amber Gless	2+2	boc
	0-3" 6-8"	

QA/QC Samples Collected	d: ,—		-961-9	
Comments:				

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES					
Date: 09/0 9/16/14					
Time: 7 10940					
Subsurface:					
Grab:					
al					
- coloe) tree clay					

Containers	Number	Preservatives
402, Amber Glass	5+2	6°C
	0-3" 6-8"	

QA/QC Samples	Collected:	MS/MSO	0-3*	<i>a</i>		
Comments:	-					
					8	ł.
	ж.	()) S	B.			11
				e e		

E.B. 1214/14 Attachment A					
FIELD SA	AMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES			
Sample Identification:	VRX-25-702N-50L	Date: 9/16/14			
Samplers' Signature:	I I for FM+EB	Time: /025/1055			
Type of Sample:	Surface: X	Subsurface: X			
	Composite: X	Grab:			
Sample Location Coordina	ates:				
Type of Surface Cover:	Tailing Facility Barrow Mat	trial			
Depth Interval:	0-3", 6-8"				
Weather Conditions:	SUNNY, 70'S, light SN Nin	w			
Sample Description:					
Field Soil Description	SAND (Fgircs,) trace grave) (fig - cobbles)-frace clay			
USCS Abbreviation 5W					
Color 🍾	Hewish Brown (10YR 5/k)				
Staining	^				
Odor	-				
Moisture	Maist	······································			

Containers	Number	Preservatives
402, Amber Glass	2+2	6°C
•	0-3" 6-8"	

QA/QC Samples Collected:	~		
Comments:			
	· · · · · · · · · · · · · · · · · · ·		
		 	 ·
		3	

Sample Identification:	UR2-26-702N-SOL	Date: 9/16/14
Samplers' Signature:	5.2 M for AR	Time: 1030/1050
Type of Sample:	Surface: X	Subsurface:
	Composite: X	Grab:
Sample Location Coordi	nates:	
Type of Surface Cover:	Tailing Facility Borro	Material
Depth Interval:	0-3", 6-8"	
Weather Conditions:	sunny, 60's, calm	
Sample Description:		
Field Soil Description	" SAND (Fg c,g.) some	gravel (figrobble) and clay
USCS Abbreviation	5W subrow	esubons.
Color X	ellewish Brown CloyR 5.	34)
Staining		
Odor	-	
Moisture	Moist	

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	0-3 6-8	

QA/QC Samples Collected:	
Comments:	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification:	UR2-27-TOIN-SOL	Date: 9/16/14		
Samplers' Signature:	5. 2 - 27 - Jozn- Sol	Time: 1105/1115		
Type of Sample:	Surface: X	Subsurface: 🗙		
	Composite: X	Grab:		
Sample Location Coord	linates:			
Type of Surface Cover:	Tailing Facility Borrow Mater	41		
Depth Interval:	0-3", 6-8"			
Weather Conditions:	sunsy, 60's, calm			
Sample Description:				
Field Soil Descripti	ion SAND (fs c.g.) some gravel (Fizi-colube) tracesilt		
USCS Abbreviation	n 5W			
Color Oak	Yellowish Brow (10YRY/4)			
Staining -				
Odor -				
Moisture Moist - Pry				

Containers	Number	Preservatives
402 Anilar Class	2+2	б°с
	0-3 6-8	a ry mar.

QA/QC Samples Collected:	. RB on 0-3"		
Comments:			
		5	

.

Sample Identification:	R2-28-701N-SOL 1R2-28-702N-SOL	Date: 9/16/14		
Samplers' Signature: 6,	I for Flather Mellenzie	Time: 1/20/1145		
Type of Sample:	Surface:	Subsurface: X		
	Composite: X	Grab:		
Sample Location Coordina	ates:			
Type of Surface Cover:	Tailing Facility Borrow Mater	4		
Depth Interval:	0-3", 6-8"			
Weather Conditions:	Sunny, 60's, calm			
Sample Description:				
Field Soil Description	SAND (figc.s.) and grive 1 (fscobble) trave oitt		
USCS Abbreviation	SN			
Color Bramis	LYellow (10YR 6/6)			
Staining -				
Odor -	-			
Moisture M	oist			

Containers	Number	Preservativeş
412. Amber Gless	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	 		
Comments:			
	** · · · · · · · · · · · · · · · · · ·		

	Attachment A	CUR2-29-7020-50L
FIELD	SAMPLING DATA SHEET FOR SURFACT	E MATERIAL SAMPLES
Sample Identification:	CUR 2-29-701N-SOL CVR 2-29-TOZN-SOL	Date: 9/16/14
Samplers' Signature:	5. 2 Il for Amada Reichle	Time: 1125 / 1150
Type of Sample:	Surface: X	Subsurface:
	Composite: X	Grab:
Sample Location Coord	linates:	
Type of Surface Cover	Tailing Facility Borrow Mat	alia (
Depth Interval:	0-3", 6-8"	
Weather Conditions:	SUMAY, 60's, Calm	
Sample Description:		
Field Soil Descript	ion SAND (fs, -c.s.) same grove) ((figi-cubble) trace sitt
USCS Abbreviatio	^m 5V	
Color	Brownish Yellow (1078 6/6)	
Staining	-	
Odor		
Moisture	Morst-Pry	

Containers	Number	Preservatives
402. Ander Blass	2+4	6°C
	0-31 6-81	

QA/QC Samples C	Collected: FO (6 " 8")		
Comments:	Tailing at 6"-8"		
#		Vie 199	

	Attachment A	CVR2-30-7020-SOL
FIELD	SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification:	CUR2-30-TOIN-50C CUR2-30-TOIN-50C+	Date: 9/16/14
Samplers' Signature:	5. M for Aments Roichle	Time: 1205/12/0
Type of Sample:	Surface: X	Subsurface: X
	Composite:	Grab:
Sample Location Coord	linates:	
Type of Surface Cover	Tailing Facility Barrow Ma	teria)
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Sumy, 60's, calm	
Sample Description:	11 1	
Field Soil Descript	ion GRAVEL (figs - collade) som	e sand (for - ca) Hrace day
USCS Abbreviatio	n GW	
Color	Yollwish Brown (10 YR 5/4)	
Staining		
Odor		
Moisture	Moist	

Containers	Number	Preservatives
402. Anter Glass	2+4(FD)	د ر
	0-3" 6-8"	

QA/QC Sam	ples Collected	FO (6-8°)	
Comments:	Tailing	4"-8"	
		1	

	Attachment A	CUR2-31-TO20-30L
FIELD	SAMPLING DATA SHEET FOR SUBFACE	MATERIAL SAMPLES
Sample Identification:	CUR2-31-TOIN-SOL CUR2-31-TOIN-SOL	Date: 9/16/14
Samplers' Signature:	g. M for Flatohar Molensie	Time: 1200/1300
Type of Sample:	Surface:	Subsurface: X
	Composite:	Grab:
Sample Location Coor	dinates:	
Type of Surface Cover	Tailing Facility Borrow Mater	a]
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Sumy, 60's, calm	
Sample Description:	· · · · ·	
Field Soil Descript	ion GRAVEL (fig - coldile) and so	and (fig-cs.) some clay
USCS Abbreviation	" GW Subrown - subry	
Color	Yellowish Brann (10YR 5/4)	
Staining		
Odor		
Moisture	Mist	

CAL

Containers	Number ff	Preservativeş
402, Ander Glass	2+(2+2)	6°c
	0-3" 6-8"	
•		

QA/QC Sample	s Collected: FO from	6-8"
Comments:	Tailingst 7"	

Sample Identification:	CVR 2-32-TOIN-SOL CVR2-32-TOZN-SOL	Date: 9/16/14
Samplers' Signature:	In I for America Reichle	Time: 1315/1500
Type of Sample:	Surface: X	Subsurface:
~	Composite: X	Grab:
Sample Location Coord	linates:	
Type of Surface Cover:	Tailing Facility Borrow M	Interia)
Depth Interval:	0-37 6-8"	
Weather Conditions:	50014, 70's, E 5-10mph	7
Sample Description:		
Field Soil Descript	ion GRAVEL (fig cabble) and s	and (fig-cigi)
USCS Abbreviatio	m GW	
Color	Park Yellowish Brown (10YR Y/g	()
Staining	<u> </u>	······································
Odor	-	
Moisture	Maist	

 Containers
 Number
 Preservatives

 402. Andre Glass
 2
 61c

QA/QC Samples Collected:	-		
Comments:	e na 🛛 🔠		anii

Sample Identification:	CUR2-33-TOIN-SOL	Date: 9/16/14
Samplers' Signature:	CVR 2-33-702N-50L	Time: /325/1400
Type of Sample:	Surface: X	Subsurface:
	Composite:	Grab:
Sample Location Coord	linates:	
Type of Surface Cover	Tailing Facility BarrowM.	storial
Depth Interval:	0-3"/ 6-8"	
Weather Conditions:	SUMY, 70'S, N 5	-10
Sample Description:		
Field Soil Descript	ion SAND (fisi- cisi) some	scavel (figi - cobble) traves: it
USCS Abbreviatio	n SW	
Color Ye	Hourish Brow (10YR 5/4)	
Staining		
Odor	~	
Moisture	Moist	

Containers	Number	Preservatives
402. Antor Glass	2+2	6 ~ ~
	0-31 6-87	

QA/QC Samples Collected:	_		3
Comments:			
			2

ŧ

Sample Identification	1: CVR2-34-TOIN-SOL CVR2-34-TO2N-SOL	Date: 9/16(14
Samplers' Signature	Justa at for F.M.	Time: 1500 1520
Type of Sample:	Surface: ×	Subsurface: X
	Composite:	Grab:
Sample Location Co	ordinates:	
Type of Surface Cov	ver: Tailing Faciliz Borrow	Metaria)
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Junn, BO's	
Sample Description:	SAND (F.61 C.G.) Some Gr	-wel (fine-Gobble)
Field Soil Descr	iption STAIN	Ľ
USCS Abbrevia	tion 5w	
Color	Yollowish Biown (104R3/4	
Staining	-	,
Odor	<u> </u>	
Moisture	moist	

Containers	Number	Preservatives
402, Amber Glass	2 + 2	6°c
	0-3" 6-8"	

QA/QC Samples Collected:	_			
Comments:				
	6			

Sample Identification:	CUR2 - 35 - TOIN-SOL CUR2 - 86- TO2N-SOL	1 9/17/14 Date: 9/17/14			
Samplers' Signature:	6.2 M for A Field	char McKnozie Time: 0815/0835			
Type of Sample:	Surface: X	Subsurface: X			
	Composite: X	Grab:			
Sample Location Coord	dinates:				
Type of Surface Cover	Tailing facility Borrow p	1storial			
Depth Interval:	0-3"/6-8"				
Weather Conditions:	Mostly suny, 60's	s, light variable wind			
Sample Description:	······································	<u></u>			
Field Soil Descript	ion GRAVEL (#4- cobble) and sitt some scand (fis- ss.)			
USCS Abbreviatio	n GM Sul	row - subray			
Color	Yellwish Brow (10YR 5/	(¥)			
Staining					
Odor -					
Moisture Dano					

Containers	Number	Preservatives		
402 Amber 6 hass	,2 + z,	6°C		
	0-3" 6-8"			

QA/QC Samples	Collected:	1 - Marine		1	
Comments:	a - Juitte	1. 2 . 3 . 1	1.1.1.1		
	in the second will				
				5.5.5	1
			1 - 16 - E , -		

Sample Identification:	CUR2-36-TOIN-SOL CUR2-36-TOZN-SOL	Date: 9/17/14		
Samplers' Signature:	5. 2 I for Amanda Reic	he Time: 08/0/0825		
Type of Sample:	Surface:	Subsurface:		
	Composite: 📈	Grab:		
Sample Location Coordi	nates:			
Type of Surface Cover:	Tailing Facility Borrow Mai	terial		
Depth Interval:	0-31/6-84			
Weather Conditions:	Mostly Cloudy, 50's, 1:077	visible and		
Sample Description:				
Field Soil Description	m GRAVEL (fr cobble) and	silt some sand (fisi-cisi)		
USCS Abbreviation	6M subrow	- subing		
Color	Yellowish Brown (10YR 5/4)			
Staining				
Odor -				
Moisture	Panp			

Containers	Number	Preservatives		
402 Amber 6655	2+2	6°c.		
	0-3" 6-8"			

QA/QC Samp	ples Collected:	
Comments:	Tracetailing 0-8"	

Attachment A
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification: CVR3-1-TOIN-SOL CUR3-1-TOZN-SOL	Date: 9/18/14				
Samplers' Signature: 5-2 In for Jn Pink and Flikh	Time: 1115/1145				
Type of Sample: Surface: χ $\mathcal{M}(\mathcal{U}_{e}) \neq e$	Subsurface:				
Composite:	Grab:				
Sample Location Coordinates:					
Type of Surface Cover: Tailing Facility Borrow Materia	1				
Depth Interval: $(3 - 3'', 6 - 8'')$					
Weather Conditions: SUMY, 60'S, NWind 5-10 Mgl	1				
Sample Description:					
Field Soil Description SAND(fs: - C:5:) Some acavel (#4-coloble)					
USCS Abbreviation $\leq \mathcal{W}$					
Color Light Yellowith Brown (10YR 6/4)					
Staining					
Odor —					
Moisture Pry					

Containers	Number	Preservatives
402. Amber Glass	2+2	d°C
	0-3" 6-8"	

QA/QC Samples Collected:	_	 		
Comments:				
		74		
			- 8	

Sample Identification: CVR 3-	2-701N-SOL 2-702N-SOL	Date: 9/18/14			
Samplers' Signature:	I for Jon Pink and	Time: 1117/1145			
Type of Sample: Surface	e: X Amali Reichle	Subsurface: X			
Comp	osite: χ	Grab:			
Sample Location Coordinates:					
Type of Surface Cover: Tak	Ing Facility Borrow Mater	o'a/			
Depth Interval: 0-3	1,6-8"				
Weather Conditions: Suny, 60's, Nwind 5-10mph					
Sample Description:					
Field Soil Description SAND (Fish - C.S.) Some gravel (#4- Coloble) trace 5:1+					
USCS Abbreviation 54					
Color Brownig	hYellow (10YR 6/6)				
Staining					
Odor					
Moisture ρ	γ				

Containers	Number	Preservatives
402. Ambr Glass	2+2	6°C
	0-3" 8-8"	
6		

QA/QC Samples Collected:			
Comments:		 	
····	·····	 	

Sample Identification: EVR 3 - 3 - 701N-50C CVR 3 - 3 - 702N-50L	Date: 9/18/14			
Samplers' Signature: 5. 2 M for House Reichle	Time: 1057/ 1055/11/5			
Type of Sample: Surface: X	Subsurface: X			
Composite:	Grab:			
Sample Location Coordinates:				
Type of Surface Cover: Tailing Facility Borrow Material				
Depth Interval: $0-3^{\circ}, 6-8^{\circ}$				
Weather Conditions: Somy, 60's, NE 5-10 yr				
Sample Description:				
Field Soil Description 5 AND (f.s e.s.) and gravel (#	4-c. 46 las)			
USCS Abbreviation $5 W$				
Color Light Yellowish Brown (10YR 6/4)				
Staining ~				
Odor				
Moisture ρ_{ly}				

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	6-3* 6-8*	
4. MATERIA (1997)		

QA/QC Sam	ples Collected:			,	
Comments:	Incresse in clay	at betton , cali	the		

Sample Identification: $\frac{CV}{CV}$	R3-4-70N-50L R3-4-702N-50L	Date: 9/18/14
Samplers' Signature:	2 M for Flatcher Mchanie	Time: 1035/1055
Type of Sample:	Surface: χ	Subsurface: X
	Composite: χ	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Borrow Material	
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Sunny, 60's, N 10-15	
Sample Description:		
Field Soil Description	SAND (figi-c.g.) some gravel (+4-cubble) traceclay
USCS Abbreviation	5W	/
Color Ba	ownish Yellow (10YR6/6)	
Staining	-	
Odor	-	
Moisture	Pry	

Containers	Number	Preservatives
402. Amber Elass	2+2	6°C
	0-34 6-84	

QA/QC Samples Collected:	_
Comments: increase in clay	6-8"

Sample Identification: CUR3-5-TOIN-SOC CUR3-5-TOIN-SOL	Date: 9/18/14
Samplers' Signature: J. 2 M for Plother McKenzie	Time: 1057/1120
Type of Sample: Surface:	Subsurface: X
Composite: X	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Materia	91
Depth Interval: $0-3^{\circ}, 6-8^{\circ}$	
Weather Conditions: 50my, 60's, Noind 5-10	
Sample Description:	
Field Soil Description SILT and gravel (#4-collable)	trace sand (fig c.g.)
USCS Abbreviation MC	
Color Light Yellowish Brown Clork 6/4)	
Staining	
Odor —	
Moisture Pry	

Containers	Number	Preservatives
402, Amber Glass	2+3	6°C
	0-3* 6-8"	

QA/QC Samples Collected:	
Comments:	

Attachment A
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification: CVR3-6-701N-50L CVR3-6-702N-50L		Date: 6/18/14		
Samplers' Signature:	5.2 M for Amanda Reichle	Time: 1015 1040		
Type of Sample:	Surface: X	Subsurface: χ		
	Composite:	Grab:		
Sample Location Coordi	nates:			
Type of Surface Cover:	Tailing Facility Borrow Mater	rial		
Depth Interval: $0-3^{\prime\prime}, 6-8^{\prime\prime}$				
Weather Conditions: Sunny, 60's, NE wind 5-10 and				
Sample Description:				
Field Soil Description 5 AND (fry, - c.g.) some gravel (#4- cobble) - frace silt				
USCS Abbreviation $\leq W$				
Color Very Pale Brown (10YR 7/4)				
Staining _				
Odor ~				
Moisture $p_{\Gamma\gamma}$				

Containers	Number	Preservatives
402, Amber Blass	2+2	6°C
	0-3 6-8	

QA/QC Sam	ples Collected:	~			
Comments:	CIAY/Caliche	6-8"		*********	
			_		
Attachment A

Times 1010/
1 me: 0945//005
Subsurface: X
Grab:
1
-coloble) and silt

Containers	Number	Preservatives
402, Amber Glass	2+2	6°c
	0-3* 6-8"	
	Net State - St	
04/2		

Comments:	
	6
	<u> </u>

Sample Identification: $\begin{array}{c} < V \\ < V \end{array}$	R3-8-701N-58C R3-8-TO2N-50L	Date: 9/18/14
Samplers' Signature:	. 2 for Amanda Reichle	Time: 09/0/1000
Type of Sample:	Surface:	Subsurface:
	Composite:	Grab:
Sample Location Coordinat	tes:	
Type of Surface Cover:	Tailing Facility Borrow Mate	rial
Depth Interval:	0-3", 6-8"	
Weather Conditions:	50mm, 60'S, NE 5-10	,
Sample Description:		
Field Soil Description	SAND (frs c.s.) and gravel (44-cobble)
USCS Abbreviation	5W	
Color	Light Yellowish Brown Clorke	14)
Staining	_	
Odor	~	
Moisture	pry	
	1	

Containers	Number	Preservatives
408. Amber Glass	2+2	6°C
	0-3 " 6-8 "	

QA/QC Samples Collected:	-
Comments:	

CUR3 CUR3 Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification: 2018 9- TOIN- 50L	Date: 9/18/14
Samplers' Signature: 5. 2 M for Flother Mckentre	Time: 0935/ 0905/0930
Type of Sample: Surface: X	Subsurface: X
Composite: χ	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Materi	al
Depth Interval: $0-3''_{1}$ $6-8''$	
Weather Conditions: 50004, 60's, 1:547 variable wind	
Sample Description:	
Field Soil Description STLT some sand (fry - c.s.) and	gravel (#Y- cobble)
USCS Abbreviation MC Subround-s	16115
Color Pale Brown (10 YR 6/3)	
Staining _	
Odor –	
Moisture $p_{r\gamma}$	

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	0-3 6-8	

QA/QC Samples Collected:				
Comments:	···,			
		<		
			·····	·····

Sample Identification: CV	R 3-10-TOIN-SOL R 3-10-TO2N-SOL	Date: 9/18/14
Samplers' Signature:	: 2 M for Amanda Reichle	Time: 0900/8935
Type of Sample:	Surface: X	Subsurface: X
	Composite:	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Borrow Mater	ix/
Depth Interval:	0-3", 8-8"	•
Weather Conditions:	Suny, 50's, NE wind 5-10.	goh -
Sample Description:		
Field Soil Description	SAND (figi-cigi) Some or avel (#4	-cobble) traces: It
USCS Abbreviation	5~	
Color	Light Kellerish Brow (107R 6/4)	
Staining		
Odor	-	······································
Moisture	Pry	

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-			
Comments:	· · · ·	 	•••••••••••••••••••••••••••••••••••••••	
		U.		

Sample Identification:	1R3-11-701N-50L 1R3-11-702N-50L	Date: 9/18/14
Samplers' Signature:	: 21 for Amanda Reichle	Time: 0830/0845
Type of Sample:	Surface: X	Subsurface:
	Composite: \times	Grab:
Sample Location Coordina	ates:	
Type of Surface Cover:	Tailing Facility Barrow Mater	ial
Depth Interval:	0-3", 6-8"	
Weather Conditions:	sumy, 50's, variable lightw	ind
Sample Description:		EB. 9/18/14
Field Soil Description	SAND (figi-cigi) some gravel (#4- (obble) and sett clay
USCS Abbreviation	5W	3
Color	Yellowish Brown (10YR 5/6)	
Staining	-	
Odor		
Moisture	Dry	

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	6-3" 6-8"	

QA/QC Sam	ples Collected:	~	
Comments:	<1 my 5-8"	in clease	
-		10	

Sample Identification:	R3-12-TOIN-50L R3-12-TO2N-50L	Date: 9/18/14
Samplers' Signature:	5. 2 M for Fletcher Mckenzie	Time: 0830/0850
Type of Sample:	Surface: χ	Subsurface: X
	Composite: χ	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Facility Borrow Mater	0:41
Depth Interval:	0-3", 6-8"	
Weather Conditions:	sumy, 50's, NE wind 5-10	
Sample Description:	<i>···</i>	
Field Soil Description	SAND (fig c.g.) and gravel (+	+4-collate) some silt
USCS Abbreviation	SW	
Color Light Y	ellowish Brown (10YR 6/4)	
Staining		
Odor _		· · · · · · · · · · · · · · · · · · ·
Moisture Dry		

Containers	Number	Preservatives
402. Amber Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Colle	ected:			
Comments:				
				2
		2		

Sample Identification: \mathcal{O}	R3-13-TOIN-SOL R3-13-TO2N-SOL	Date: 9/18/14
Samplers' Signature:	2 Il for Fletcher McKenzie	Time: 0745/0815
Type of Sample:	Surface: X	Subsurface: X
	Composite: χ	Grab:
Sample Location Coordina	ates:	
Type of Surface Cover:	Tailing Facility Borrow Materia	/
Depth Interval:	0-3", 6-8"	
Weather Conditions:	sumy, 40's, NEwind 5-10 mg	4
Sample Description:		
Field Soil Description	SELT some gravel (#4- lobble)	and sand (fis c.s.)
USCS Abbreviation	ML	
Color Very Pak 1	from (10YR 7/4)	
Staining		
Odor ~		
Moisture Dry		

Number	Preservatives	11
B+3 6+2	6°E	
E.D. 9/18/14 0-3" 6-8"		
hsinsp		
		-
	1.111 (1.111) (1.111)	-
	Number B+B-6+2 E-B-9/18/14 0-3*6-8* Mostorsp	Number Preservatives B+B 6+2 E-B-9/18/14 0-3* b-1-8*

QA/QC Samples Collected:	0-3" (extravolune for MS/NSD)	
Comments:		

	Attachment A	
FIELD SĂ	MPLING DATA SHEET FOR SURFACE I	MATERIAL SAMPLES
Sample Identification:	RA-15-TOIN-SOL RK-15-TOIN-SOL	Date: 9/18/14
Samplers' Signature:	nit Il for	Time: 0745/0810
Type of Sample:	Surface:	Subsurface: 🔀
	Composite: X	Grab:
Sample Location Coordinat	tes:	
Type of Surface Cover: 7	ailing Facility Borrow Material	
Depth Interval:	-3", 6-8"	
Weather Conditions:	uny, 40's, NW5-10mpy	
Sample Description:		
Field Soil Description	SELTANDAGGAVEL (#4- cobble))trace sand (fig cig.)
USCS Abbreviation	ML	0
Color Very Pak 1	Brow (10 XR - 7/4)	
Staining -	/	
Odor -		
Moisture Pry		

Containers	Number	Preservatives
402, Amber Glass	6+2	6°C
	0-2"rslasp 6-8"	

MS/MSD (0-3")

	Attachment A	= CUR3-15-T020-SOL			
FIELD SA	MPLING DATA SHEET FOR SUR	FACE MATERIAL SAMPLES			
Sample Identification: CV_{CV}	R3-15-TOIN-SOL R3-15-TO2N-SOL+	Date: 9/17/14			
Samplers' Signature:	9: 2 I for Amdakish	Kenzie Time: 1555/1620			
Type of Sample:	Surface:	Subsurface:			
	Composite:	Grab:			
Sample Location Coordina	ites:				
Type of Surface Cover:	Tailing Facility Borrow M.	sterial			
Depth Interval:	0-3", 6-8"				
Weather Conditions:	loudy, 70's, 5 wind 10-15m	ph			
Sample Description:					
Field Soil Description	SAND (fisi- cisi) Some gravel (1	#4- cottole) frace silt			
USCS Abbreviation	5W				
Color Brownish Yellow (10YR 6/6)					
Staining	-				
Odor					
Moisture	Dry				

Containers	Number	Preservatives
402, Ander Glass	2+(2+2)	6°C
-20	0-3" 8-8°CFO)	

QA/QC Sam	ples Collected:	_			
Comments:	Trecetarling	6-8"		 	
; ; 	·				
			·		

Sample Identification: CVR3	5-16-701N-50L 5-16-702N-50L	Date: 9/12/14	
Samplers' Signature:	1 Amark Reichle	Time: 1550/1605	
Type of Sample: S	urface: χ	Subsurface: χ	
C	Composite: χ	Grab:	
Sample Location Coordinates:	:		
Type of Surface Cover: 74	siling Facility Borran Materia	1	
Depth Interval:	Depth Interval: $0-3^{"}, 6-8^{"}$		
Weather Conditions: Cloudy, 70's, 5W 5-10mph			
Sample Description:			
Field Soil Description	SAND (fs c.g.) Some grich	1+4-cobbe) traces: It and clay	
USCS Abbreviation	5W		
Color Bro	WishYellar (10YR 5/6)		
Staining	-		
Odor			
Moisture	Pry-Damp		

Containers	Number	Preservatives
402 Amber Gless	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-			· · · · · · · · · · · · · · · · · · ·	
Comments:		 			
		 		8	
			<u></u>		
					1

TILLU SA	WITLING DATA SHEET FOR SURFACE	WATERIAL SAWIPLES		
Sample Identification: $CVR3 - 17 - TOVN - 50C$ CVR3 - 17 - TO2N - 50L		Date: 9/17/14		
Samplers' Signature:	2 M for Fletcher Mellenzie	Time: 1535/1600		
Type of Sample:	Surface:	Subsurface: X		
	Composite:	Grab:		
Sample Location Coordinat	tes:			
Type of Surface Cover:	Tailing Facility Borrow Mater	ia)		
Depth Interval:	0-3", 6-8"			
Weather Conditions:	cloudy, 70's, 5 wind 5-10			
Sample Description:				
Field Soil Description 5AND (for-cise) some acricel (#4 to cobble)				
USCS Abbreviation	SW			
Color Yellowith Brown (10×R 5/6)				
Staining				
Odor —				
Moisture p_{γ}				

Containers	Number	Preservatives
402. Amber Glass	7+2	6°C
	0-3* 6-8'	

QA/QC Samples Collected:	-			
Comments:				
			·····	

	SAME ENO DATASHEET FOR SUN ACE			
Sample Identification:	CVR3-18-701N-SOL	Date: 9/17/14		
Samplers' Signature:	G. 2 N Fr Amania Reichle	Time: 1525/1535		
Type of Sample:	Surface:	Subsurface:		
	Composite: χ	Grab:		
Sample Location Coord	dinates:	· · · · · · · · · · · · · · · · · · ·		
Type of Surface Cover	Tailing Facility Borrow Mater	41		
Depth Interval: $0 - 3^{\circ}/6 - 8^{\circ}$				
Weather Conditions:	Mostly clady, 70's, 5 10-1	5 mph		
Sample Description:	, ,, ,, ,			
Field Soil Description 5AND (france c.) Some 5: 17 and GCAVEL (#4- coldable) trace the				
USCS Abbreviatio	on SM			
Color Light Yellowish Brown (LOYR 6/8)				
Staining -				
Odor -				
Moisture 💋	ny			

Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLI	ES

Containers	Number	Preservatives
402. Ander Chas	2+2	6°c
	0-3" 6-8"	
·····		

QA/QC Samples Collected:	
Comments: Clay 6-8"	
/	

	Attachment A		
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES			
Sample Identification:	1R19= TOIN -50C 1R3-19- TOZN-50L	Date: 9/17/14	
Samplers' Signature:	2 Il for Fletcher Millerise	Time: 1505 / 1525	
Type of Sample:	Surface: X	Subsurface: χ	
	Composite: χ	Grab:	
Sample Location Coordina	tes:		
Type of Surface Cover:	Tailing Facility Borrow Materia	1	
Depth Interval:	0-3", 6-8"	······································	
Weather Conditions: Mostly cloudy, 70's, light Southwind			
Sample Description:			
Field Soil Description SAND (f.s) some scare 1 (#4-cabbles) traces it and clay			
USCS Abbreviation 5W			
Color Light Yellowish Brain Clork 6/4)			
Staining –	-		
Odor	-		
Moisture p_{ry}			
/			

9/17/14

Containers	Number	Preservatives
402, Ander Glass	2+2	0°C
	0-3* 6-8*	

QA/QC Samples Collected:	
Comments: Perse, chay 6-8"	

Sample Identification: CVR3-20-TUN-50L	Date: 9/17/14		
Samplers' Signature:	Time: 1500/1515		
Type of Sample: Surface: X	Subsurface: X		
Composite: \checkmark	Grab:		
Sample Location Coordinates:			
Type of Surface Cover: Txiling Facility Borrow Mate	ria/		
Depth Interval: $0-3''_{1}$ 6-8''	•		
Weather Conditions: Cloudy, 70's, 5 5-10			
Sample Description:			
Field Soil Description 5AND (fs. c.s.) some scarel (#4- cobble) trace sitt			
USCS Abbreviation 5W			
Color Yellowish Brown (10YR5/x)			
Staining			
Odor -			
Moisture Damp			

Containers	Number	Preservatives
402, Amber Blass	2+2	б°С
	0-3" 6-8"	

QA/QC Samples Collected:	-	·		
Comments:				
			0	

Sample Identification: $CVR3-21-TOIN-5*C$ CVR3-21-TO2N-5*C	Date: 9/17/14		
Samplers' Signature: I for Amark Reichle	Time: 14/0/1445		
Type of Sample: Surface:	Subsurface:		
Composite: χ	Grab:		
Sample Location Coordinates:			
Type of Surface Cover: Tailing Feeling Borrow Mater	· · /		
Depth Interval: $0-3^{\circ}, 6-8^{\circ}$			
Weather Conditions: Clurdy, 703, SE 0-5-14			
Sample Description:			
Field Soil Description SAND (63 c.s.) Some gravel (#8-cobble)			
USCS Abbreviation SW			
Color Light Yellowish Brown Clark 6,	(4)		
Staining			
Odor —			
Moisture Dry			

Containers	Number	Preservatives
yor. Ander Glass	2+2	6°C
	0-3" 6-8"	
-		

QA/QC Samples Collected:	-	70	
Comments:			 ·····
-			
		~	

Attachment A	- CUR3-22-TOZP-SOL
FIELD SAMPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification: CUR3-22-TOIN-SOL	Date: 9/17/14
Samplers' Signature:	Time: /4/0/1445
Type of Sample: Surface: X	Subsurface:
Composite: X	Grab:
Sample Location Coordinates:	
Type of Surface Cover: Tailing Facility Borrow Mater	52/
Depth Interval: $d-3$, $6-8$	
Weather Conditions: (Iway, 703, SENIN 0-5	
Sample Description:	
Field Soil Description SAND (fig - C.S.) Some gravel (#9	(- colololes)
USCS Abbreviation $5W$	
Color Light Yellowish Brown (10YR 6/4	()
Staining	
Odor	
Moisture Pry	

Containers	Number	Preservatives
402. Anter 6/505	2+(2+2)	5°C
	0-31 6-8"	

collected:	FP(6-8')	
Triling	3"-5"	
	Triling	Triling 3"-5"

Sample Identification:	3+23-10/N-50L 23-23-102N-50L	Date: 9/17/14
Samplers' Signature:	I for Fletoner Millererie	Time: 1335/1400
Type of Sample:	Surface:	Subsurface: X
	Composite:	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tilly Facility Borrow Materia	/
Depth Interval:	0-3", 6-8"	
Weather Conditions:	loving, 70's, NN wind Smpl	2
Sample Description:		
Field Soil Description	SAND (fig c.g.) some g cavel (#	4-c.bble) trace silt
USCS Abbreviation	5W	
Color	Yellowish Brown (10YR 5/6)	
Staining	-	
Odor	-	
Moisture	Dry to Damp	

Containers	Number	Preservatives
402. Ander Blass	2+2	6°C
/	0-3" 6-8"	
		s the North

QA/QC Samples Collected:	-		
Comments:			

Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPL	ES

	R3-24-701N-50C R3-24-702N-50C	Date: 9/17/14
Samplers' Signature:	2 I To Arranda Reichle	Time: /2/5/1345
Type of Sample:	Surface: X	Subsurface: χ
	Composite: χ	Grab:
Sample Location Coordina	ites:	
Type of Surface Cover:	Tailing Facility Borrow Materi	al
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Mostly Clardy, 60's, Ewind	5-10-15
Sample Description:		
Field Soil Description	SAND (fig- cis.) sime silt and	arsvel (#4-cobble)
USCS Abbreviation	5M "	
Color	Yellowish Brown ClorR 576')	
Staining	~	
Odor		
Moisture	Damp	

Containers	Number	Preservatives
402, Ander Glass	2+2	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-			
Comments:			0	
	·	3		
				_

Attachment A
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

Sample Identification:	CVR3-25-701W-50	Date: 9/17/14
Samplers' Signature:	I Flether Mckaze	Time: //45//2/0
Type of Sample:	Surface: χ	Subsurface: χ
	Composite: χ	Grab:
Sample Location Coordinate	ates:	
Type of Surface Cover:	Tailing Facility Borrow Mater	ria/
Depth Interval:	0-3", 6-8"	<u> </u>
Weather Conditions:	cloudy, 60's, light variable	wind
Sample Description:		_
Field Soil Description	SAND(figi-cigi) and gravel (#4-eobble)
USCS Abbreviation	5W	
Color Light Yel	Unish Brown (10 YAR 6/4)	
Staining	-	
Odor -		
Moisture Dr	Ŷ	
	1	

Containers	Number	Preservatives
402, Ander Class	2+2	6°C
	0-3* 6-8"	

QA/QC Samples Collected:	~
Comments:	

Sample Identification: CVR3-26-TOIN-50L CVR3-26-TO2N-50L		Date: 9/17/14	
Samplers' Signature:	. M for Amanda Reichle	Time: //30//205	
Type of Sample:	Surface: \mathcal{X}	Subsurface: X	
	Composite: χ	Grab:	
Sample Location Coordina	ates:		
Type of Surface Cover:	Tailing Facility Borrow Mate	rial	
Depth Interval:	0-3", 6-8"		
Weather Conditions: Cloudy, BO's, light variable wind			
Sample Description:	., ,	Core E.B. 9/17/14	
Field Soil Description GRAVEL (#4-cobbe) and silt toresand (fis-c.s.)			
USCS Abbreviation	GM Subay-subra	~	
Color Ye	Novish Brown (10YR5/6)		
Staining	~		
Odor			
Moisture /	lamp		

Containers	Number	Preservatives
402, Amber Glass	6+4	6"C
	0-3° 3-8" (HSIMSO) 3-8"	
	£,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

QA/QC Samples Collected:	MS/MSD on	0-3"	
Comments:			

Sample Identification:	VR3-27-TOIN-SOL VR3-27-TOZN-SOL	Date: 9/17/14
Samplers' Signature:	G. C. M. For Armody Reichle	Time: //05/1120
Type of Sample:	Surface: X	Subsurface: X
	Composite: χ	Grab:
Sample Location Coordin	nates:	
Type of Surface Cover:	Tailing Facility Borrow Mat	cria)
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Cloudy, 60's, 1:597 variable wind	1
Sample Description:		
Field Soil Description	SAND (frage - c.g.) Some gravel	(#4-cobble)
USCS Abbreviation	5W	
Color	Yellowish Brown (lorr 6/4)	
Staining		· · · · · · · · · · · · · · · · · · ·
Odor		
Moisture	Pry	

Containers	Number	Preservatives
402, Amber Glass	2+2	6°C
	0-3" 6-8"	
3		

QA/QC Samples Collected:		
Comments:		2
	20 ¹⁷ Ŧ	5

	Attachment A	Fletch McKazie
FIELD SA	MPLING DATA SHEET FOR SURFACE	MATERIAL SAMPLES
Sample Identification: $\frac{CV}{CV}$	R3-28-TOIN-SOC R3-28-TO2N-SOL	Date: 9/1-7/14
Samplers' Signature:	2 M for Amatiliereste	Time: 110/1135
Type of Sample:	Surface: X F. D. M. Arry	Subsurface: \times
	Composite:	Grab:
Sample Location Coordina	tes:	· · · · · · · · · · · · · · · · · · ·
Type of Surface Cover:	Tailin Factily Borrow Materia	1
Depth Interval:	0-3"/ 6-8"	· · · · · · · · · · · · · · · · · · ·
Weather Conditions:	Clady, 60's, light variable win	4
Sample Description:		
Field Soil Description	SAND (fig, - c.g.) some gravel(x	\$4-cobble) trace silt
USCS Abbreviation	5~	
Color	Yellowish Brown (10YR5/6)	
Staining	~	
Odor		
Moisture	Pry	

Containers	Number	Preservatives
402, Amber 6/kss	2+2	6°C
	0-3' 6-8"	382

QA/QC Samples Collected:	* ** *	
Comments:		

Sample Identification:	1R3-29-701N-50L 1R3-29-702N-50L	Date: 9/17/14
Samplers' Signature:	. I for Fletcher McKenzie	Time: 1040/1055
Type of Sample:	Surface:	Subsurface: X
	Composite: X	Grab:
Sample Location Coordina	tes:	
Type of Surface Cover:	Tailing Freility Borrow Materia)
Depth Interval:	0-3% 6-8"	
Weather Conditions:	Mostly clardy, 60's, light va	rible wind
Sample Description:	p(sve)	
Field Soil Description	5ILT some sand (#4-cobbk) a	nd sand (f.s c.s.) trace clay
USCS Abbreviation	MC EDINISING SUBARG-	subrund
Color	Brownigh Yellow (10YR 6/6)	
Staining	-	
Odor	_	
Moisture	Pry	и

Containers	Number	Preservatives
402, Amber Glass	2+3	6°C
	0-3" 6-8"	

QA/QC Samples Collected:	-			
Comments:				
		· · · · · · · · · · · · · · · · · · ·	·····	
			ž.	

Attachment A	
FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAM	IPLES

Sample Identification: CUR3-30-701N-50C CUR3-30-702N-50L		Date: 9/17/14
Samplers' Signature:	. 2 M for Ananda Reichle	Time: 1035/1050
Type of Sample:	Surface:	Subsurface: X
	Composite:	Grab:
Sample Location Coord	inates:	
Type of Surface Cover:	Tailing Facility Borrow Mater	na/
Depth Interval:	0-3", 6-8"	*
Weather Conditions:	Mestly clevely, 60's, light	wind wind
Sample Description:		
Field Soil Description	on SILT some active (#4- cobb	te) trace sand (from con) and class
USCS Abbreviation	n ML	
Color (ist)	Ellowish Brow (lorrely)	
Staining	-	
Odor	-	
Moisture pr	Y	

Containers	Number	Preservatives
4021 Amber Glass	2+2	6°C
	6-31 6-81	

QA/QC San	nples Collec	ted:	-			
Comments:	Moved	#30	due to arth	ills, clay	6-8"	
	i adm a					

	Attachment A	> CUR3-31-TOZD-SOL
FIELD	SAMPLING DATA SHEET FOR SURFAC	E MATERIAL SAMPLES
Sample Identification:	EVR 3-31- TOIN-BUC	Date: 9/17/14
Samplers' Signature:	1 2 M for Amanda Reichle	Time: /000//015
Type of Sample:	Surface:	Subsurface: X
	Composite: X	Grab:
Sample Location Coordi	inates:	
Type of Surface Cover:	Tailing Fredity Borger Matrice	1
Depth Interval:	0-3" 6-8"	/
Weather Conditions:	Mostly clardy 60's light var	ichta in 1
Sample Description:		
Field Soil Description	m sam/f. c.) and a 1/4	
USCS Abbreviation	She submy-subrand	Y cobble) traces: It
Color Yella	with Brown (104R5/K)	
Staining	-	
Odor	-	
Moisture U	Damp	

Containers	Number	Preservatives
408. Amber Glass	2+4	6°C
	0-3' 6-8"(FP)	

VQC Samples Collect	xt: FD on	6-8"	
omments: Tailing	6-8"		
and the second sec			

Sample Identification:	CUR3-32-701N-30L CUR3-32-702N-50L	Date: 9/17/14
Samplers' Signature:	5. 2 M and Flether Mellensie	Time: 1000/1025
Type of Sample:	Surface: χ	Subsurface: χ
	Composite:	Grab:
Sample Location Coord	linates:	
Type of Surface Cover:	Tailing Facility Borrow Mater	tal
Depth Interval:	0-3 1 6-8"	
Weather Conditions:	Mostly Clardy, GUS, NE unin	5-10
Sample Description:		
Field Soil Descript	ion GRAVEL (#4-comb) and silt	trace sand (francis)
USCS Abbreviatio	n GM	
Color	Brownish Yellow (10xR 6/8)	
Staining	-	
Odor		
Moisture	Da	

Containers	Number	Preservatives
402. Amber 6/255	2+3	6°C
	0-3* 0-8"	

QA/QC Samples Collected:	-	
Comments:		6.9

Sample Identification:	VR3-33-701N-SOL VR3-33-702N-SOL	Date: 9/17/14	
Samplers' Signature:	5. 2 M for Fletcher Mellerie	Time: 0920/0940	
Type of Sample:	Surface:	Subsurface: X	
	Composite:	Grab:	
Sample Location Coord	inates:		
Type of Surface Cover:	Tailing Facility Borrow Materia	1	
Depth Interval:	0-3", 6-8"		
Weather Conditions:	Mostly Cloudy, BUS, Tight va	tiable wind	
Sample Description:	· · · · · · · · · · · · · · · · · · ·		
Field Soil Description	on SAND (fisi-cisi) some accivel (#	14 - robble) trace silt	
USCS Abbreviation	5W		
Color ,	Brownish Yellow (10YR 6/6)	· · · · · · · · · · · · · · · · · · ·	
Staining			
Odor			
Moisture	Damp		

Containers	Number	Preservatives
402. Ander Glass	2+2	6°C
	0-3 6-8	

QA/QC Samples Collected:	
Comments:	

FIELD SAMPLING DATA SHEET FOR SURFACE MATERIAL SAMPLES

1

Sample Identification: CVR3-34-70N-50L CVR3-34-702N-50L		Date: 9/17/14
Samplers' Signature:	5. 1 M for Ananda Reichke	Time: 0915/0950
Type of Sample:	Surface: X	Subsurface: χ
	Composite:	Grab:
Sample Location Coord	linates:	
Type of Surface Cover:	Tailing Facility Borrow Materia	1
Depth Interval:	0-3", 6-8"	
Weather Conditions:	SUNNY, 60'S, NEWIN 5	
Sample Description:	the provide statement of the statement o	
Field Soil Description	ion SAND(f.sC.s.) and grave) (#	4- cubble) trace 5.17 and slav
USCS Abbreviatio	n SW	
Color	Yellowish Brown (10YR 5/6)	
Staining	-	
Odor	-	
Moisture	Damp - Moist	

Containers	Number	Preservatives
402, Brider Glass	2+2	6°C
	0-34 6-8*	

QA/QC Samp	es Collected:		-
Comments:	Clay 6"-8"		
		9	

Sample Identification:	VR3-35-TOIN-SOL VR3-35-TO2N-SOL	Date: 9/17/14
Samplers' Signature: 5	1 for Amandy Reichle	Time: 0845/0900
Type of Sample:	Surface: X	Subsurface: X
	Composite:	Grab:
Sample Location Coordin	ates:	
Type of Surface Cover:	Tailing Facility Borrow Mater	sal
Depth Interval:	0-3", 6-8"	
Weather Conditions:	suny, 60's, light veriable bre	cbe.
Sample Description:		
Field Soil Description	SAND (figi- asi) and gravel	(#4-cobble), trace silt and law
USCS Abbreviation	5W	
Color Park Yel	lowish Brown (10YR 4/4)	
Staining		
Odor -		
Moisture Dam	Q	

Containers	Number	Preservatives		
402. Amber Glass	7+2	6°C		
	6-3" 6-8 "			

QA/QC Samples Collected:	-	
Comments:		

Sample Identification: CUR 3 - 36 - TON-SIL		Date: 9/17/14
Samplers' Signature: 5:2 M for Fletcher McKenzie		Time: 0855/08/0
Type of Sample:	Surface: χ	Subsurface: X
· · · · · · · · · · · · · · · · · · ·	Composite: χ	Grab:
Sample Location Coordina	ates:	
Type of Surface Cover:	Tailing Facility Borrow Mater	î'al
Depth Interval:	0-3", 6-8"	
Weather Conditions:	Suny, 60's, Fight variable wi	inal
Sample Description:		
Field Soil Description	GRAVEL (#4- cubble) and sai	nd (frs- ag) frace s: Hand clay
USCS Abbreviation	GW	
Color Brownishy	ellar (10 YR 6/6)	
Staining _		i
Odor -	-	
Moisture Dry		

Containers	Number	Preservatives		
402, Amber Glass	2+2	6°C		
	0-3' 6-8'			

QA/QC Samples Collected:	-	1.5 M. 1. 1. 1.	1
Comments:			



SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-1-TO3N-	FAW	Date 9/10/	4 NHA	
Personnel JUD, JSP, ACK	2			
Plant type: Shrub	Grass	Forb_	V	
Species NONE			Q.	
Aboveground Sample X		Belowground	Sample	
Site ID		Area Tailings	Facility	
Location				
Description of Sampled Vegetation				3
Number of Individuals in Sample	NIA			
Phenology: Vegetative Bud_	F	lowering F	ruiting	Senescing
Notes				
Average aboveground size of sample	d plants			
Description of Aboveground Sample	<u>s</u>			
Sampling/clipping height				3
Pathogens (presence, description, pre	evalence)_			,
Herbivory (presence, description, pre	valence)			
Visible dust				
Other Description No SAMPLE	COLE	CTED DUE TO	NO QU	ANTITY

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

SOP NUMBER 6.0

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
CVR1-12-JU30-FAW Date 9/1/14 1033 Personnel JLP, JSP, ACR
Plant type: Shrub Grass Forb_
Species_MEOF
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative Bud Flowering Fruiting Senescing Notes Zm Average absystemented size of completed shorts
Description of Aboveground Samples
Sampling/clipping height 0.5
Pathogens (presence, description, prevalence) powcleny milden on all plants
Herbivory (presence, description, prevalence) <u>NOVA</u>
Visible dust <u>wone</u>
Other Description younglings are wide spread
ALSO DOINT AN MS/MSD ON HHIS SAMPLE.

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-3-TO3N-FAW	<u>Date 9/16/14 1624</u>
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>E</u> Bud F	lowering 💐 3 Fruiting 3 Senescing
Notes 2m 4m	
Average aboveground size of sampled plants	1"-2.
Description of Aboveground Samples	
Sampling/clinning height 1	
Pathogens (presence description prevalence)	nondena pasiden) on l'intant
dua veseta timo ma atomo	blants
Herbivory (presence description prevalence)	
riciolitory (presence, description, prevalence)_	Vivice
Visible dust work	
Other Description	
1.52	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CNR1-4-T03N-FA</u>	W Date 9/10/14 11/8
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass	s Forb
Species NOOD MEOF	
Aboveground Sample <u>X</u>	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 3	
Phenology: Vegetative <u>3</u> Bud	Flowering Fruiting Senescing
Notes 2m 3 m	
Average aboveground size of sampled plan	its_1"
Description of Aboveground Samples	
Sampling/clipping height 0.5''	
Pathogens (presence, description, prevalence	ce) pondeny milden on most of the
plants	
Herbivory (presence, description, prevalence	ce) none
Visible dust	
Other Description all new growth	~ 158 year
	-
1 a b	

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-5-703N-FAW	Date 9/10/14 4127	
Personnel JLD, JSP, ACR		
Plant type: Shrub Grass	Forb V	
Species MEOF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		E.
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative Bud	Flowering (Fruiting	Senescing
Notes Im-Zon 3 m (3m)		
Average aboveground size of sampled plants	2'-3'	
Description of Aboveground Samples		
Sampling/clipping height 1" from st	em	
Pathogens (presence, description, prevalence)	none	
Herbivory (presence, description, prevalence)) nove	
Visible dust_None		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-
Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CUR1-6-TO3N-FAW	Date 9/10/14 1139	
Personnel JLD, JSP, ACR		
Plant type: Shrub Grass	Forb V	
Species MEOF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative 4 Bud F	lowering Fruiting Senescing	
Notes In 25 m		
Average aboveground size of sampled plants	1" - 3' feet	
Description of Aboveground Samples		
Sampling/clipping height 1" from grow	d, 1" from stem	
Pathogens (presence, description, prevalence)_	power powdeny milden on one pla	int
Herbivory (presence, description, prevalence)	none	
Visible dust None		
Other Description		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WRI-7-TO3N-FAW	Date 9/10/14 0955
Personnel JLD, JSP, A.C.R.	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>3</u> Bud Flow	vering 2 Fruiting Senescing
Notes 2/m	
	-
Average above ground size of sampled plants $l^{\prime\prime}$.	- 2'
Description of Aboveground Samples	
Sampling/clipping height 1" from grow	nd and skem
Pathogens (presence, description, prevalence)_d_	ny plants along roadside edge
Herbivory (presence, description, prevalence) <u>v</u>	DNL.
Visible dust work	1-
Other Description	

R:VProjects/22242713_2012_0M_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AW 6-

 \bigcirc

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-8- TO 3N - FAW Date 9/10/14 0948	
Personnel JLD, JSP, JMM, ACR	
Plant type: Shrub Grass Forb_	
Species MEOF	
Aboveground Sample_X Belowground Sample	
Site ID Area_Tailings Facility	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flowering 5 Fruiting Senescing	
Notes Im - 2m	
Average aboveground size of sampled plants 3	
Description of Aboveground Samples	
Sampling/clipping height 1" from stern	
Pathogens (presence, description, prevalence) none	
Herbivory (presence, description, prevalence) nome	
Visible dust_none_	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR1-9-TO3N-FA</u>	W Date 9/10/14 0936
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	s Forb
Species MEDF	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud	Flowering 4 Fruiting Senescing
Notes Im 2m	
Average aboveground size of sampled plan	ts $[^{n} - 1 \mathfrak{S}^{i}]$
Description of Aboveground Samples	
Sampling/clipping height 1" from gr	ound, I" from stem
Pathogens (presence, description, prevalence	ce)
	·
Herbivory (presence, description, prevalence	ce)
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

 \cup

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-10-TO3N- FAW	Date 9/10/14 0933
Personnel JUD, JMM, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>3</u> Bud F	lowering 2_ Fruiting 2_ Senescing
Notes - 200- 1.5 m	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height 1" from grou	nd, 1" from stem
Pathogens (presence, description, prevalence)_	powdery milden on one plant,
one 12" plant in pour shape - 1	thin stems; very dry
Herbivory (presence, description, prevalence)_	
Visible dust hove	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-11-TO3N-FAW Date 9/10/14 0916
Personnel JLD, JMM, ACR
Plant type: Shrub Grass Forb
SpeciesMEDF
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering_5 Fruiting Senescing
Notes_2m
Average aboveground size of sampled plants 3'
Description of Aboveground Samples
Sampling/clipping height 1" from Stern
Pathogens (presence, description, prevalence) work
Herbivory (presence, description, prevalence) None
Visible dust <u>none</u>
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

	1 he soo
Sample ID $ORI - 12 - TO 3N - FAV$	Date $9/10/14$ 0900
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 9	
Phenology: Vegetative 6 Bud Flo	owering Fruiting Senescing
Notes_lm	
Average aboveground size of sampled plants	- 3 (
Description of Aboveground Samples	
Sampling/clipping height 0.5"	
Pathogens (presence, description, prevalence)	pridered mildon
Herbivory (presence, description, prevalence)	whe
Visible dust <u>mone</u>	
Other Description All new year blan	ts
- 	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	3-TO3N-FAW	Date 9/9/14 1534	ł
Personnel JLD, JS	P, ACR		
Plant type: Shrub	Grass	Forb	
Species MEOF			
Aboveground Sample_	ζ	Belowground Sample	
Site ID		Area Tailings Facility	
Location			
Description of Sampled	Vegetation		
Number of Individuals i	n Sample <u>5</u>		
Phenology: Vegetative	<u>3</u> Bud Flo	owering 2 Fruiting	Senescing
Notes 1 ma			
Average aboveground s	ize of sampled plants_1	"-18"	
Description of Abovegr	ound Samples		
Sampling/clipping heigh	t_1" from grons	d, 1" from stem	
Pathogens (presence, de	scription, prevalence)_ <u></u>	nildew powder on two	young plants
			· · · · ·
Herbivory (presence, de	scription, prevalence)_ <u></u>	one	
Visible dust <u>none</u>			
Other Description			

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 0/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WP1-14- TO3N- FAI	W Date 9/9/14 1522
Personnel JLD, JSP, AUR	
Plant type: Shrub Gra	ss Forb_
Species MEDT	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud	Flowering Senescing
Notes m	
Average aboveground size of sampled pla	unts 12-18"
Description of Aboveground Samples	
Sampling/clipping height 1" from ste	m
Pathogens (presence, description, prevale	nce) hone
Herbivory (presence, description, prevale	nce) <u>vience</u>
Visible dust <u>vove</u>	
Other Description	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR1-15-TO3N-FAW Date 9/9/14 1444
Personnel JLD, JSP, ACR
Plant type: Shrub Grass Forb_/
Species MEOF
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering_5 Fruiting Senescing
Notes 1 m
it.
Average above ground size of sampled plants $\underline{8^{\circ} - 24^{\prime\prime}}$
Description of Aboveground Samples
Sampling/clipping height 1" from ster
Pathogens (presence, description, prevalence) nove
Herbivory (presence, description, prevalence) Mone
Visible dust_none
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CNPI-16-TO3N-FAW</u> Da	ate 9/9/14 1457
Personnel JUD, JSP, ACR_	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X Be	lowground Sample
Site ID Ar	ea <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	T by
Phenology: Vegetative Bud Flowering	5 Fruiting 5 Senescing
Notes ² /m	
Average above ground size of sampled plants $2^{1}-3^{1}$	1
Description of Aboveground Samples	
Sampling/clipping height 1" from stern	
Pathogens (presence, description, prevalence) <u>none</u>	
Herbivory (presence, description, prevalence) None	
Visible dust <u>none</u>	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: Projects/22242713_2012_OM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CVRI-18-TO3N-FAW	Date 9/9/14 1435
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud	Flowering <u>5</u> Fruiting Senescing
Notes 2m	
Average aboveground size of sampled plants_	12"-18"
Description of Aboveground Samples	
Sampling/clipping height 1" from stem	
Pathogens (presence, description, prevalence)	very dry, thin stems
	-)
Herbivory (presence, description, prevalence)	none
Visible dust <u>wone</u>	
Other Description	

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-19-TO3N-FAW	Date 9/9/14 1427	
Personnel J2D, J5P, ACR	<i>v</i>	
Plant type: Shrub Grass	Forb	
Species MEOF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location	·	
п		
Description of Sampled Vegetation		
Number of Individuals in Sample5		
Phenology: Vegetative Bud H	Flowering S Fruiting	Senescing
Notes ² /m		
	2 ⁵⁰	
Average aboveground size of sampled plants	12"-18"	
	Ξ	
Description of Aboveground Samples	4	
Sampling/clipping height <u>1" from sten</u>	<u>^</u>	
Pathogens (presence, description, prevalence)_ 12" plant	milden powder u	n leaves of
Herbivory (presence, description, prevalence)	none	
Visible dustnone		
Other Deceription		

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR1-20-TO3N- FAM	Date 9/9/14 1143	
Personnel JUD, JSP, ACR		
Plant type: Shrub Grass	Forb V	
Species_MEOF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
· · · · · · · · · · · · · · · · · · ·		
Description of Sampled Vegetation		
Number of Individuals in Sample5		
Phenology: Vegetative Bud F	lowering <u>5</u> Fruiting	_ Senescing
Notes 2m		
Average aboveground size of sampled plants	2"-2-5'	
Description of Aboveground Samples		
Sampling/clipping height 1" from stern		
Pathogens (presence, description, prevalence)	None	
Herbivory (presence, description, prevalence)	none	
Visible dust <u>none</u>		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-21-TO3N-FAW	Date 9/9/14 1234
Personnel JLD, JSP, ACR.	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
······	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative Bud Flow	rering <u>5</u> Fruiting Senescing
- courter	
Average aboveground size of sampled plants 3	
Description of Aboveground Samples	
Sampling/clipping height 1° from stem	
Pathogens (presence, description, prevalence) Nor	ne
Herbivory (presence, description, prevalence)	ne
Visible dust none	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

	Attachment A	
PLANT SAMPL	E COLLECTION	DATA SHEET

	1341
Sample ID <u>CVR1-22-TO3N-FAN</u>	Date 9/9/14 03000
Personnel JLD, JNM, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flowering	ng <u>5</u> Fruiting Senescing
Notes 2m Im	
Average above ground size of sampled plants $2'$	
	v u'u
Description of Aboveground Samples	
Sampling/clipping height 1" from stem	
Pathogens (presence, description, prevalence)	broken stems on one plant
Herbivory (presence, description, prevalence)	
Visible dust none	
Other Description	

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (NRI-23-7	U3N-FAW	Date 9/9/14 1334	
Personnel JLD, JMM	ACR		
Plant type: Shrub	Grass	Forb	
Species NEOF			
Aboveground Sample X		Belowground Sample	
Site ID		Area Tailings Facility	
Location			
Description of Sampled Vegeta	ation		
Number of Individuals in Samp	ole 5		
Phenology: Vegetative \$2) Bud Flow	wering 9(3) Fruiting	Senescing
Notes Im-2m			
Average aboveground size of s	sampled plants	- 2' (I new grow	th)
	۰.,		
Description of Aboveground S	amples	``	
Sampling/clipping height!"	from ground ,	1" from sken	
Pathogens (presence, description	on, prevalence) <u>N</u>	ione	
Herbivory (presence, description	on, prevalence)_V	tone	
Visible dust mone		•	
Other Description			
		8	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID ONE (1 - BE - 103N - FAVO Date Off(14 - 1355) Personnel Sub JMM Ack Plant type: Shrub Grass Forb Species MEDF Belowground Sample Site ID Site ID Area Tailings Facility Location
Personnel_SLD; SIVIM; ACR Plant type: Shrub Grass Forb_V Species MEDF Aboveground Sample_X Belowground Sample Site ID Area_Tailings Facility Location Image: Site ID
Plant type: Shrub Grass Forb Species MEDF Aboveground Sample_X Belowground Sample Site ID Area Tailings Facility Location
Species MEDF Aboveground Sample_X Belowground Sample Site ID Area Tailings Facility Location Image: State
Aboveground Sample X Belowground Sample Site ID Area Tailings Facility Location Image: Area Tailings Facility
Site ID Area <u>Tailings Facility</u> Location
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering 5 Fruiting Senescing
Notes m
Average aboveground size of sampled plants 3
Description of Aboveground Samples
Sampling/clipping height 1" from stem
Pathogens (presence, description, prevalence) hove
Herbivory (presence, description, prevalence) none
Visible dust work
Other Description ALSO COLLECTED MS/MSD ON THIS SAMPLE

R:\Projects\22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1_25-T031	V-FAW	Date 9/9/14 1317	
Personnel JLD, JMM, A	ICR		
Plant type: Shrub	Grass	Forb	
Species MEOF			
Aboveground Sample X		Belowground Sample	
Site ID		Area Tailings Facility	
Location			
Description of Sampled Vegetatio	<u>n</u>		
Number of Individuals in Sample_	5		
Phenology: Vegetative 5 B	ud Flow	ering Fruiting	Senescing
Notes 2m			
Average aboveground size of sam	pled plants しら		
Description of Aboveground Sam	ples		
Sampling/clipping height 1"	from stem	·	
Pathogens (presence, description,	prevalence) <u>w</u>	one	
Herbivory (presence, description,	prevalence)_ <u>vo</u>	me	
Visible dust			
Other Description			
·····			

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	FAW Da	nte 9/9/14 130	9
Personnel JLD, JMM, ACR		· · · · · · · · · · · · · · · · · · ·	
Plant type: Shrub O Species MEOF	Grass	Forb	
Aboveground Sample X	Ве	lowground Sample	
Site ID	Aı	ea Tailings Facility	
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample 5			
Phenology: Vegetative Bud	Flowering	Fruiting	Senescing
Notes / m			
Average aboveground size of sampled	plants_2		
Description of Aboveground Samples			
Sampling/clipping height 1" from	stem		
Pathogens (presence, description, prev	alence) Weed -	trimmed aroun	<u>ol solar pole basi</u>
Herbivory (presence, description, prev	alence) None		
Visible dust		f	
Other Description			

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg SamplingVield Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	CNR1-27-	TO3N-FAW	Date 9/9/14 181414	
Personnel	MML, JMM	ACK		
Plant type:	Shrub	Grass	Forb 🗸	
Species	MEOF			
Abovegrou	nd Sample <u>X</u>		Belowground Sample	
Site ID			Area Tailings Facility	
Location				
Description	of Sampled Veg	etation		
Number of	Individuals in Sau	mple5		
Phenology:	Vegetative	BudFlow	ering <u>5</u> Fruiting	Senescing
Notes	n 1.5m			
Average abo	oveground size o	f sampled plants <u>1'-</u>	3'	
			<i></i>	
Description	of Aboveground	Samples		
Sampling/cl	ipping height	"from stem		
Pathogens (presence, descrip	tion, prevalence) wo	ne	<
Herbivory (J	presence, descrip	tion, prevalence) we	ne	
	<u></u>			
Visible dust	wone		<u>.</u>	
Other Descr	iption			

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 0/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

			(C) .	
Sample ID	CURI-28- TO31	N-FAW	Date 9/9/14 1122	
Personnel	JLD, JSP, ACK	2		
Plant type:	Shrub	Grass	Forb	
Species	MEOF			
Abovegroun	d Sample <u>X</u>		Belowground Sample	
Site ID			Area Tailings Facility	
Location				
Description	of Sampled Vegetation	<u>l</u>		
Number of I	ndividuals in Sample	5		
Phenology:	Vegetative Bu	d Flow	ering <u>6</u> Fruiting	Senescing
Notes 2	₩^			<u></u>
				1
Average abo	veground size of samp	led plants <u>2'-</u>	-3'	
	•			
Description of	of Aboveground Samp	les		
Sampling/clij	pping height <u> '</u> fr	om stem		
Pathogens (p	resence, description, p	orevalence) <u>no</u>	ne	
·				
Herbivory (p	resence, description, p	revalence) <u>No</u>	ne	
Visible dust_	none			
Other Descri	ption			

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

ŏ

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Some ID AVRI-29-TO3N-EAN	Det alalist int	
Sample ID <u>CVR1- Z1- 105R- FAW</u>	Date 9/9/19 1115	
Personnel <u>JLD</u> , JJP, JNCA		
Plant type: Shrub Grass	Forb	
Species MEOF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative Bud H	Flowering 5 Fruiting	Senescing
Notes2m		
Average aboveground size of sampled plants	2'-3'	
Description of Aboveground Samples		
Sampling/clipping height 1" Snorn sterm	N	
Pathogens (presence, description, prevalence)	none	
Herbivory (presence, description, prevalence)	none	
,,,,,,,,		
Visible dust none		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Solf_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-30-T03N-FAW	Date 9/9/14 1100
Personnel JLD, JSP, JMM, ACR	•
Plant type: Shrub Grass	Forb
Species AP-LU	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>4</u> Bud	Flowering Fruiting Senescing
Notes 2m	
Average aboveground size of sampled plants_	3"-18"
Description of Aboveground Samples	,
Sampling/clipping height 3"	
Pathogens (presence, description, prevalence)	bent, broken pieces /stems
Herbivory (presence, description, prevalence)	
Visible dust <u>smooth and hairy feat</u>	mutes, resembles dust accumulation
Other Description 2 her growth pla	nts

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

ŏ

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CVP1-31-TO3N-FAW</u> Date 9/9/14 1039 Personnel Nov JLD, JSP, JMM, ACR
Plant type: Shrub Grass Forb
Species MEDF
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample_5
Phenology: Vegetative Bud Flowering_5 Fruiting Senescing
Notes 2.5m
Average above ground size of sampled plants $2^{\prime} - 3^{\prime}$
Description of Aboveground Samples
Sampling/clipping height 1" from From
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence)_ <u>none_</u>
Visible dust none
Other Description

R: Projects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files August 2013 Soll_Veg Sampling VFletd Forms Sampling Forms Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>WR1-32-</u> T	O3N-FAW	Date 9/9/14 1027	
Personnel JUD, JSP,	ACR		
Plant type: Shrub	Grass	Forb	
Species MEDE (young	plants)	i ka	
Aboveground Sample_X	•	Belowground Sample	
Site ID		Area Tailings Facility	
Location			
	×		
Description of Sampled Vegeta	ition		
Number of Individuals in Samp	le		
Phenology: Vegetative 5	Bud Flow	vering Fruiting	Senescing
Notes 2m			
Average aboveground size of s	ampled plants 2	" (first year growth)	
Description of Aboveground Sa	amples		
Sampling/clipping height <u>1"</u>			
Pathogens (presence, description	on, prevalence) <u>Nt</u>	ne	
Herbivory (presence, descriptio	n, prevalence) <u>M</u>	ne	
Visible dust			
Other Description			

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
CURI-33 - 1037 - FOW
Sample ID <u>CVR1-33-TO3N-FAW</u> Date 9/0/14 1015
Personnel JUD, JSP, JMM, ACR
Plant type: Shrub Grass Forb_
Species
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering_5_ Fruiting Senescing
Notes_2.5m
Average aboveground size of sampled plants_1'-2'
Description of Aboveground Samples
Sampling/clipping height <u>1" from stem</u>
Pathogens (presence, description, prevalence) Non 2
Herbivory (presence, description, prevalence)_ None
Visible dust hove
Other Description Duptical allected

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

ŏ

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

a 1 TO ONTRA 211 TOPIN FINAL DE ALGUNA LAS
Sample ID $\bigcirc \bigcirc \bigcirc$
Personnel JLD, JSP, JMM, ACK
Plant type: Shrub Grass Forb
Species_MEOF
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>5</u> Bud <u>Flowering</u> Fruiting Senescing
Notes 2m
Average aboveground size of sampled plants 2"
Description of Aboveground Samples
Sampling/clipping height "
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) hore
Visible dust on most plants - powdeny milder
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WRI-35 - TOJN-FW Date	2/2/14 0955	
Personnel JLP, Jan Pinh, Jennie Mc	horman, ACR	
Plant type: Shrub Grass	Forb	
Species Maliks tow sff in alts		
Aboveground Sample X Below	vground Sample	
Site ID Area_	Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative 2 Bud Flowering	3 Fruiting Senescing	
Notes 2 gradade (" 3 @ 15"		
2 m		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height 10" (first years	-older)	
Pathogens (presence, description, prevalence) broken stems		
Herbivory (presence, description, prevalence) insect eating req.		
Visible dust_ <u>wave</u>		
Other Description 3 first years, 2 71 yr.		

C

R:VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Sop Number 6

Plant Sample Collection

Attachment A			
PLANT SAMPLE COLLECTION DATA SHEET			
1-36 5-0			
Sample ID CVR-36-TOK3-FAW	Date $9/9/14 9:19$		
Personnel			
Plant type: Shrub Grass	Forb		
Species Artemitic Judier Game			
Aboveground Sample <u>X</u>	Belowground Sample		
Site ID	Area Tailings Facility		
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample 5			
Phenology: Vegetative 2 Bud Flow	vering Fruiting <u>3</u> Senescing		
Notes 2 M			
	v		
Average aboveground size of sampled plants <u>9</u>	т 		
Description of Alexandra Convolution			
Description of Aboveground Samples			
Sampling/clipping height			
Pathogens (presence, description, prevalence)	ome stand broken		
Herbivory (presence, description, prevalence)			
Visible dust hree			
Other Description			
-			

Plant Sample Collection

Attachment A			
PLANT SAMPLE COLLECTION DATA SHEET			
$\frac{CVR2-1-TOJD}{Sample ID} - FAW$ Personnel OUO , SMT	ate ?/15/17 2:57		
Plant type: Shrub Grass	Forb		
Species Medicap sating			
Aboveground Sample X B	elowground Sample		
Site ID A	rea <u>Tailings Facility</u>		
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample			
Phenology: Vegetative 2 Bud Flowering	g Fruiting ² Senescing		
Notes 55 3 m			
Average aboveground size of sampled plants <u>are 18[°] hx 3[!] with</u> , <u>arthur 1-2</u> <u>ih day by prostate</u> <u>Description of Aboveground Samples</u> Sampling/clipping height <u>with of states are above and hostids</u> , <u>are 1</u> Pathogens (presence, description, prevalence) <u>1 han por day worldge</u>			
Visible dust			
Other Description			
R:\Projects\22242713.2012 QM Prog. SupportTask.01\7.0 Project Working files\Aumist 2013.Soil Ven Samming	NField Forms\Sampling Forms\Plant Sample Data sheet to print doc 9/3/2014 11/39 AM 6-		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-2-TO3N-FAW Date 2/12/14 14:25		
Personnel JCO J MA		
Plant type: Shrub Grass Forb		
Species MEUR		
Aboveground Sample_X Belowground Sample_		
Site ID Area <u>Tailings Facility</u>		
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample5		
Phenology: Vegetative Bud Flowering $\leq \checkmark$ Fruiting $\leq \checkmark$ Senescing		
Notes 3 ~5 m		
Average aboveground size of sampled plants (8)		
Description of Aboveground Samples		
Sampling/clipping height to from mary ston		
Pathogens (presence, description, prevalence) one week, dying back?		
Herbivory (presence, description, prevalence) Van		
Visible dust		
Other Description		

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CVR2-3-TO3N-FAW	Date 9/10/14 1448
Personnel_JLD, JMM, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative 2 Bud Flo	wering <u>3</u> Fruiting Senescing
Notes Im-3m	
Average aboveground size of sampled plants	'-24"
Description of Aboveground Samples	
Sampling/clipping height <u>J" from surface</u>	. I' from sten
Pathogens (presence, description, prevalence) h dead stems on another	one, dry stems on one plant,
Herbivory (presence, description, prevalence)__	she
Visible dust <u>none</u>	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

D

Plant Sample Collection

Attachment A		
PLANT SAMPLE COLLECTION DATA SHEET		

Sample ID UVR2-04-TO3N-FAW	Date 9/10/14 1438	
Personnel JLD, JMM, ACK		•••
Plant type: Shrub Grass	Forb V	
Species MEDF		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative Bud Flo	wering <u>5</u> Fruiting	_ Senescing
Notes Im - 2m		
Average aboveground size of sampled plantsl	-3'	
Description of Aboveground Samples		
Sampling/clipping height 1" from stem		
Pathogens (presence, description, prevalence)	one	
Herbivory (presence, description, prevalence) <u>v</u>	vone	
Visible dust none		
Other Description	······································	

R:\Projects/22242713_2012_QM_Prog_Suppor/Task_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-5- TO3N-FAW	Date 9/10/14 NHA	
Personnel JLD; JMM, ACR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location	······································	
	·	
Description of Sampled Vegetation		
Number of Individuals in Sample NA		
Phenology: Vegetative Bud F	lowering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)_		
		n
Herbivory (presence, description, prevalence)_	·····	
Visible dust		
Other Description NO SAMPLE DUE TO VOW QUANTITY		

R: Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-
Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	Date 9/10/14 15/9
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample <u>X</u>	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud	Flowering <u>5</u> Fruiting Senescing
Notes 2 m	
Average aboveground size of sampled plants	2'-3'
Description of Aboveground Samples	
Sampling/clipping height 1" from ster	И
Pathogens (presence, description, prevalence)) very dry stems on one plant
Herbivory (presence, description, prevalence)) none
Visible dust_Nove_	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-7-T03N-FAW	Date 9/10/14 1510
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	Forb
SpeciesMEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative / Bud	Flowering_5_ Fruiting Senescing_
Notes tim 3 m	
Average aboveground size of sampled plants	1" - 18"
Description of Aboveground Samples	
Sampling/clipping height 0.5"-1" from	n stem
Pathogens (presence, description, prevalence))none
Herbivory (presence, description, prevalence)) none
Visible dust none	
Other Description	

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-8-TOIN-MW Date S/11/14 7238	
Personnel 520, 5717	
Plant type: Shrub Grass Forb_	
Species MECE	
Aboveground Sample X Belowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flowering Fruiting Senescing	
Notes m	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height 1 from manyter	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR2-9- TOBN-FAW Date 9/12/19 2:47
Personnel The The
Plant type: Shrub Grass Forb
Species MESE
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height 1" from manufan Somell one i from from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 3 mours and mar down & - mprov
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/Jugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

		Silve Lie
Sample ID \underline{CV} \underline{C} C	53N - 1-KW	Date $1/2/B q$: sc
Personnel Juo Jan		
Plant type: Shrub	Grass	Forb
Species <u>Thur</u>		
Aboveground Sample X	·	Belowground Sample
Site ID		Area Tailings Facility
Location		
Description of Sampled Vegetation	<u>n</u>	
Number of Individuals in Sample_	5	
Phenology: Vegetative_/ Bu	ud Flow	vering <u>4</u> Fruiting <u>4</u> Senescing
Notes 2 m		
Average aboveground size of sam	oled plants	5 ^m
	· •	
Description of Aboveground Sam	oles	
Sampling/clipping height (for m.	
Pathogens (presence, description,)	prevalence) ๛	- had frend Inter to dama
- ano going (problemet) accomption,	pro (urono o)	
Herbivory (presence, description, 1	orevalence) ∝	- has some transmit themas.
, († 11 , j , 1		
Visible dust ~~		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CVR - 2 - (1 - TOSN - 1)$	Fray Date 9/12/14 8=15
Personnel JLD JTT	
Plant type: Shrub Grass	Forb
Species Yellow want de	ron
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative 2 Bud	Flowering <u>3</u> Fruiting <u>3</u> Senescing
Notes (m	
	5)
Average aboveground size of sampled plants	157
Description of Aboveground Samples	
Sampling/clipping height	a. morten
Pathogens (presence, description, prevalence)) pourdary milder on 1th year
plan >>	
Herbivory (presence, description, prevalence)) ~~
Visible dust 60	
Other Description	

R:\Projects/22242713_2012_QM_Prog_Suppor/Task_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files August 2013 Soil_Veg Sampling Vield Forms Sampling Forms Velant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

0 0

0

0

0 0

0 0

0

0

0

0

0 0

0

0 0

0

0

0

0 0 0

0 0

0

0

0

0

0

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CVR2-13 - TO3N - FDate 9/12/1x</u> 9:02 Personnel TO JAN
Plant type: Shrub Grass Forb
Species MESE
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample 5 Phenology: Vegetative 2 Bud Flowering 3 Fruiting 3 Senescing Notes 2n
Description of Aboveground Samples Sampling/clipping height 1 for from warsten Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_01/7.0_Project_Working_files/Wugust 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

L

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2 -14 - TG3N - 1	FAW Date 5:38
Personnel JUD JUH	
Plant type: Shrub Grass	Forb
Species have	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>3</u> Bud	Flowering 2 Fruiting 2 Senescing
Notes 2 m	
Average aboveground size of sampled plants_	1' 12 00 2'
Description of Aboveground Samples	
Sampling/clipping height(" Sr	manster
Pathogens (presence, description, prevalence))
Herbivory (presence, description, prevalence)	st som fraglig dange to
Visible dust	
Other Description	

R:\Projects/22242713_2012_QM_Prog_SupponTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms\Starmpling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID STUSN- HAV Date 9/12/14 With
Personnel JLD J7717
Plant type: Shrub Grass Forb_
Species Maure
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering ~ Fruiting ~ Senescing
Notes
Average aboveground size of sampled plants 10
Description of Aboveground Samples
Sampling/clipping height 1 from universe
Pathogens (presence, description, prevalence) no on plut bas som
Xillow learn
Herbivory (presence, description, prevalence) and many over , some dam x
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-16- TO3N-FAV Date 9/12/12 1532
Personnel 540 J771
Plant type: Shrub Grass Forb
Species holde
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering <u>S</u> Fruiting <u>S</u> Senescing
Notes
Average above ground size of sampled plants v
Description of Aboveground Samples
Sampling/clipping height 15 her manufe
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 4 have by the second
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampting/Field Forms\Starrpting Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachmer	nt A
PLANT SAMPLE COLLEC	TION DATA SHEET
5450	
Sample ID WA 2.49-TU3N-FOW	Date 9/11/14 15:02
Personnel TLP, Thin	1.7
Plant type: Shrub Grass	Forb
Species MESE	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Floweri	ng S Fruiting S Senescing
Notes 2 miles	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height 1 from ma.	-d ter
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) cll	runder all deris out, broke
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2 - 18-TOSN -FAM Date 5/12/14 (v=53
Personnel 500 500
Plant type: Shrub Grass Forb_
Species brug
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 4 Bud Flowering 3 Fruiting 3 Senescing
Notes 2 m
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height 1" from from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) one me was broken preva
and with light indect damage
Visible dust
Other Description pr/pro
· · · · · · · · · · · · · · · · · · ·

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CV K 2 - 19 - TU3N - FAW	Date S/11/14 14:39
Personnel JLP, JMM	
Plant type: Shrub Grass	Forb V
SpeciesSATR	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flowe	ring Fruiting <u>5</u> Senescing
Notes 2 m	
Average above ground size of sampled plants 8°	126
Description of Aboveground Samples	
Sampling/clipping height	mainstan
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) 🔫	on how lange chuch
broken off and dry	
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A		
PLANT SAMPLE COLLECTION DATA SHEET		
CVR2-20- TO30- FAW		
Sample ID CVB2 - 20 - TU3N - FAV Date 9/11/14 15.17		
Personnel JCP, JMM		
Plant type: Shrub Grass Forb_		
Species		
Aboveground Sample_X Belowground Sample_		
Site ID Area <u>Tailings Facility</u>		
Location		
Description of Sampled Vegetation Number of Individuals in Sample		
Phenology: Vegetative Bud Flowering 5 Fruiting 5 Senescing		
Notes		
Average above ground size of sampled plants 2^{\prime}		
Description of Aboveground Samples		
Sampling/clipping height / from unainstan		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description		

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\ugust 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print,doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-21- TO3N-FOW Date 2/11/14 13:46
Personnel JCP JMh
Plant type: Shrub Grass Forb_
Species And
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing
Notes 3 m
Average aboveground size of sampled plants 44
Description of Aboveground Samples
Sampling/clipping height / elone from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 man grow
Visible dust
Other Description

Plant Sample Collection

Attachment A	
PLANT SAMPLE COLLECTION DATA S	неет

Plant type: Shrub Grass Forb Species It & Sec Aboveground Sample X Belowground Sample Site ID Area Tailings Facility Location Location Description of Sampled Vegetation Number of Individuals in Sample Second Sampled Vegetation Notes 2 w Average aboveground size of sampled plants (' Description of Aboveground Samples Sampling/clipping height 1' Second Samples Sampling/clipping height	Sample ID CVA 2-22-TO3N-FAN Personnel TLO TAN	$\square Date \frac{9}{11}\frac{11}{14}\frac{14}{14}:09$
Species hEse Aboveground Sample X Belowground Sample Site ID Area Tailings Facility Location Location Description of Sampled Vegetation Number of Individuals in Sample Senescing Notes Phenology: Vegetative L Bud Flowering Fruiting Senescing Notes 2 ~ Average aboveground size of sampled plants 1' Description of Aboveground Samples Sampling/clipping height 1' Pathogens (presence, description, prevalence) Kus Visible dust Visible dust Subscription Other Description	Plant type: Shrub Grass	Forb 🛩
Aboveground Sample_X Belowground Sample Site ID Area Tailings Facility Location Description of Sampled Vegetation Number of Individuals in Sample Senescing Phenology: Vegetative_L Bud Flowering_3 Fruiting_3 Notes Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height Pathogens (presence, description, prevalence) broke	Species hear	
Site ID Area Tailings Facility Location Description of Sampled Vegetation Number of Individuals in Sample Senescing Phenology: Vegetative Bud Flowering Fruiting Notes Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height Pathogens (presence, description, prevalence) Jrohan manual for the second for the s	Aboveground Sample X	Belowground Sample
Location	Site ID	Area Tailings Facility
Description of Sampled Vegetation Number of Individuals in Sample	Location	
Description of sampled vegetation Number of Individuals in Sample Phenology: Vegetative Bud Flowering Notes Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height It Image: Section of the samples Sampling/clipping height Image: Section of the samples Pathogens (presence, description, prevalence) Section of the sectio	Description of Sampled Vegetation	
Phenology: Vegetative Bud Bud Flowering Senescing Notes 2 m Average aboveground size of sampled plants // Description of Aboveground Samples Sampling/clipping height 1" Description, prevalence) to Visible dust (m) Visible dust (m) Other Description	Number of Individuals in Sample 5	
Notes 2 m Average aboveground size of sampled plants // Description of Aboveground Samples Sampling/clipping height 1" Some months on 2" year, 1" choice Pathogens (presence, description, prevalence) hos Mereine 1" Some months on 2" year, 1" choice Visible dust 6% Visible dust 6% Other Description 1"	Phenology: Vegetative 2 Bud Flor	wering 3 Fruiting 3 Senescing
Average aboveground size of sampled plants_/	Notes 2 m	wormg Iruning Seneseing
Average aboveground size of sampled plants		
Description of Aboveground Samples Sampling/clipping height <u>I' from manufactory of the description</u> , prevalence) <u>he broken manufactory</u> Autority Herbivory (presence, description, prevalence) <u>he</u> Visible dust <u>Manufactory</u> Other Description	Average aboveground size of sampled plants	1
Sampling/clipping height <u>I for monter on 22 year</u> , <u>I' drove</u> Pathogens (presence, description, prevalence) <u>too broken monter</u> Herbivory (presence, description, prevalence) <u>too</u> Visible dust <u>too</u> Other Description	Description of Aboveground Samples	
Pathogens (presence, description, prevalence) to broken mandal and fit in the second s	Sampling/clipping height /* Same w	nonter on 2rd year, 1" dove
Herbivory (presence, description, prevalence) Visible dust Other Description	Pathogens (presence, description, prevalence)	the broken mandam on 15th
Herbivory (presence, description, prevalence)	resent.	
Visible dust Other Description	Herbivory (presence, description, prevalence)	hu
Other Description	Visible dust	
	Other Description	
		4

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2. U- JO3N-FAW	Date 9/11/14 1:52
Personnel JLD Smh	
Plant type: Shrub Grass	Forb
Species ARLy	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative 2 Bud Flower	ering_3_ Fruiting Senescing
Notes 3 w	
Average aboveground size of sampled plants 12	~
Description of Aboveground Samples	
Sampling/clipping height	manufan en il chargend for
Pathogens (presence, description, prevalence)	mak plants
Herbivory (presence, description, prevalence)	to both the over
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CV& 2-24-TG3 N- FBW Date ?(11/14	13:23
Personnel SLP JMM	
Plant type: Shrub Grass Forb	
Species MEGF	
Aboveground Sample X Belowground	Sample
Site ID Area_Tailings	Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering <u></u> Fi	ruiting 5 Senescing
Notes 3 m	T.
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height 1" From mains for	
Pathogens (presence, description, prevalence) cll	cr
Herbivory (presence, description, prevalence) wo	
Visible dust	
Other Description	
	······································

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

5-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>$CVB2-25-TO2N-FDWDate 9/11/17 12:41$</u>
Personnel SCO SILT
Plant type: Shrub Grass Forb_
Species DRLY
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>Bud</u> Bud S Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants <u>6</u>
Description of Aboveground Samples
Sampling/clipping height the charce grow 3
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-2C - TO3N- FAW Date 9/11/14 (5507			
Personnel JUD JNG			
Plant type: Shrub Grass Forb_			
Species ARLY			
Aboveground Sample X Belowground Sample			
Site ID Area <u>Tailings Facility</u>			
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample7			
Phenology: Vegetative 6 Bud Flowering Fruiting / Senescing			
Notes 25 mins			
Average aboveground size of sampled plants 3~4			
Description of Aboveground Samples			
Sampling/clipping height / dure for			
Pathogens (presence, description, prevalence)			
Herbivory (presence, description, prevalence) <u>No</u>			
Visible dust 3 pretty during			
Other Description			

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	CVA 2 - 27	- TOSN - FAV	Date 9/11/17 15:46
Personnel	540	JMA	
Plant type: Sl	hrub	Grass	Forb_
Species	MARF		
Aboveground	Sample <u>X</u>		Belowground Sample
Site ID			Area <u>Tailings Facility</u>
Location			
			B
Description of	Sampled Vegeta	tion	
Number of Ind	lividuals in Sampl	le	~
Phenology: V	egetative	Bud Flowe	ring <u>3</u> Fruiting <u>3</u> Senescing
Notes 2 5	<u></u>		
Average above	ground size of sa	ampled plants 2	fart for 2nd your plat, 1" for
3 _72	vagedad	we plant	
Description of	Aboveground Sa	mples	
Sampling/clipp	ing height	to mand to	~
Pathogens (pre	sence, descriptio	n, prevalence) <u>k</u>	\$
······			
Herbivory (pre	sence, description	n, prevalence)	
Visible dust	ho		
Other Descript	ion		
		· · · · · · · · · · · · · · · · · · ·	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11;39 AM 6-

.

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVF 2 - 28 - T63W-F-DW	Date ? (11/14 (053
Personnel JLD, JAM	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flo	wering <u>5</u> Fruiting <u>Senescing</u>
Notes	
Average aboveground size of sampled plants	2-3'
Description of Aboveground Samples	
Sampling/clipping height	A. com
Pathogens (presence, description, prevalence)	I have broken item too bes more
·	
Herbivory (presence, description, prevalence)	Ve
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 2-29 - TUSN - FAW Date 9/11/14 11:18
Personnel JLD, JNh
Plant type: Shrub Grass Forb
Species MESSE
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering 5 Fruiting 5 Senescing
Notes 2 m
Average aboveground size of sampled plants 2
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) every one have sure
Herbivory (presence, description, prevalence)_
Visible dustk
Other Description

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

: 9/3/

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CYAL-30 - TOLN -	FAW Date Stuly	9-27
Personnel The State	Date	1-0/
Plant type: Shrub Grass_	- Forb	
Species Phone heur		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location	····.	
		· · · · · · · · · · · · · · · · · · ·
Description of Sampled Vegetation		
Number of Individuals in Sample5		
Phenology: Vegetative Bud	Flowering <u> </u>	Senescing
Notes		
Average aboveground size of sampled plants	<u>z'</u>	
Description of Aboveground Samples		
Sampling/clipping height (* Srm	main sten	
Pathogens (presence, description, prevalence	e) I run over	
Herbivory (presence, description, prevalence) Non,	
Visible dust (Vo		
Other Description		
Description of Aboveground Samples Sampling/clipping heightPathogens (presence, description, prevalence Herbivory (presence, description, prevalence Visible dust Other Description	main stem =) 1 mm over =) Non;	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-31-TU3N-FAW Date S/4/19 11:31
Personnel 5LO 5 Ma
Plant type: Shrub Grass Forb
Species TEST
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative I Bud Flowering 7 Fruiting 9 Senescing
Notes / m
Average aboveground size of sampled plants 2' for Blowing plus
Description of Aboveground Samples
Sampling/clipping height (" Som man - Som
Pathogens (presence, description, prevalence) 2 num over - hurbon & In
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-32-TO3N	- (Date 9/11/14 9:26
Personnel <u>5 LP</u> <u>5 Th</u>	
Plant type: Shrub Grass	Forb
Species N-L	
Aboveground Sample X	Belowground Sample
Site ID	Area_Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative <u>3</u> Bud	Flowering Fruiting C Senescing
Notes <u> </u>	
Average aboveground size of sampled plants	8° 2 small, 3 by
Description of Aboveground Samples	
Sampling/clipping height	stell a large, 1" from first and sheller
Pathogens (presence, description, prevalence) 2 run era
Herbivory (presence, description, prevalence)) I Indect damage - weekving and
Freds and plant frequents ce	ypt in the webbig - folchred little dama
Visible dustN	
Other Description	

R\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVFL-33 - TO3 N-FAW Date \$ 14/13 5:07
Personnel 520 5kg
Plant type: Shrub Grass Forb_
Species MEOF
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample7
Phenology: Vegetative 4 Bud Flowering 3 Fruiting 3 Senescing
Notes 2 meturs
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height 1" from sten, 1" from proved on variation
Pathogens (presence, description, prevalence) all locked non over
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects: 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files: August 2013 Soll_Veg Sampling: Field Forms: Sampling Forms: Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-34 - TOSN - FBM Date 8/11/14 8:45
Personnel 560 5hh
Plant type: Shrub Grass Forb
Species Arka
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative / Bud Flowering Fruiting 7 Senescing
Notes 4 m
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dustNow
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-35-TU3N-FAW Da	te <u>\$/11/14</u> 8:24
Personnel Jup Strim	
Plant type: Shrub Grass	Forb
Species ARLy	
Aboveground Sample X Be	lowground Sample
Site ID Are	ea <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 2 Bud Flowering	Fruiting <u></u>
Notes 3 s w	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) <u>me</u>	nar dead (damaged parts
Herbivory (presence, description, prevalence)	
Visible dust_ at bottom (us included)	
Other Description hs/hso	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-3C-TOSN-FAW Date 2/11/14 8:11
Personnel SLA JAA
Plant type: Shrub Grass Forb_
Species MESE
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u> </u> Bud <u> </u> Flowering <u> </u> Fruiting <u> Senescing</u>
Notes
Average aboveground size of sampled plants 15 Revenze 1" first you
Description of Aboveground Samples
Sampling/clipping height " for shere
Pathogens (presence, description, prevalence) row plant healthy the not
Laye
Herbivory (presence, description, prevalence) (rom
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_01/7.0_Project_Working_files/Wugust 2013 Soll_Veg Sempting/Field Forms/Sempting Forms/Plant Sempting Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>EVR3-1-TO3N-FAW</u> Date 9/18/17 10:15
Personnel TD BAS
Plant type: Shrub Grass Forb
Species MESE
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering 5 Fruiting 5 Senescing
Notes to 3n
Average aboveground size of sampled plants 2^{3}
Description of Aboveground Samples
Sampling/clipping height 1 - Som min sten
Pathogens (presence, description, prevalence) on plan half dead (interally)
Herbivory (presence, description, prevalence) us
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

9/3/2

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID
Personnel <u>Sup</u> BAS
Plant type: Shrub Grass Forb
Species MEOF
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering 43 Fruiting 5 Senescing
Notes to 2 m
Average aboveground size of sampled plants 3 5
Description of Aboveground Samples
Sampling/clipping height (from main ster
Pathogens (presence, description, prevalence) all los g learny one that my in
Herbivory (presence, description, prevalence) 👞
Visible dustw
Other Description

R\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg SamplingVield Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 3-3-TU3N-FAW Date 9/18/14 8:59
Personnel RAS
Plant type: Shrub Grass Forb
Species Arly
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 7 Bud Flowering (Fruiting) Senescing_
Notes
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height (" A or pro und
Pathogens (presence, description, prevalence) one looks progetister
· · · · · · · · · · · · · · · · · · ·
Herbivory (presence, description, prevalence)
Visible dust And , and + hear maly
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 3-4-TU3N-FAW Date 9/18/14 971
Personnel 50 BAS
Plant type: Shrub Grass Forb
Species Arty
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample7
Phenology: Vegetative 6 Bud Flowering Fruiting Senescing
Notes to 2.5 m to 3 m
Average aboveground size of sampled plants 4 ⁴
Description of Aboveground Samples
Sampling/clipping height 1 from from
Pathogens (presence, description, prevalence) 2 had stry dieber (45%
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R/Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVN3-5-TO3N-F-AW</u> Date <u>9/18/17</u> (036
Personnel TQ BAS
Plant type: Shrub Grass Forb
Species heur
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering 5 Fruiting 5 Senescing
Notes_folsu
Average aboveground size of sampled plants 5
Description of Aboveground Samples
Sampling/clipping height 1" from mori - show
Pathogens (presence, description, prevalence) months lover fils of - heart
Herbivory (presence, description, prevalence)
Visible dust
Other Description while other have an Inday dead a mostly
deed street

 Description of A

 Sampling/clippin

 Pathogens (prese

 Herbivory (prese

 Visible dust______

 Other Description

 Other Description

 R:\Projects\22242713_2012_QM_F

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print,doc 9/3/2014 11:39 AM 6-
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID C C Date 5/18/14 8:23
Personnel The BAS
Plant type: Shrub Grass Forb
Species Ancy
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering 5 Fruiting 5 Senescing
Notes 1 2 m
Average aboveground size of sampled plants (2 ⁴
Description of Aboveground Samples
Sampling/clipping height In Sum grand
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 starty damaged by the my (ing
Visible dust M Market ding
Other Description

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVVL3-7- TO3N- FAV Date 9/18/19 7:53
Personnel 52 BAS
Plant type: Shrub Grass Forb
Species Alem
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering <u>Senescing</u> Senescing
Notes in 2.5 m
Average aboveground size of sampled plants (Q ^{**}
Description of Aboveground Samples
Sampling/clipping height " from from)
Pathogens (presence, description, prevalence) www
Herbivory (presence, description, prevalence) 3 mm -olin, me served, dancy
Visible dust_all diving, ran-ora + by any mole
Other Description

R: VProjects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files August 2013 Soil_Veg Sampling Vield Forms Sampling Forms Vant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

At	ttachment A
PLANT SAMPLE (COLLECTION DATA SHEET
8 (54)	
Sample ID Sample ID TO3N-	FAW Date 9/18/12 7:37
Personnel TLO BAY	
Plant type: Shrub Grass	Forb
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative Bud	Flowering <u> </u>
Notes the Sm	
Average aboveground size of sampled plant	s 3 1-year 2 2 Davage
Description of Aboveground Samples	
Sampling/clipping height(" from mansten
Pathogens (presence, description, prevalenc	e) Rowing and have i parce leave . and
of 1 - year har yellowish day in	place (50° (c) , one with powder withen
Herbivory (presence, description, prevalence	e) ~~
Visible dust	
Other Description	

Plant Sample Collection

Attachme	ent A
PLANT SAMPLE COLLEC	CTION DATA SHEET
Sample ID $CVR3-9 - TO3D - PAW$ Personnel TLO BAS	Date 9/17/19 (4:27
Plant type: Shrub Grass	Forb
Species Ar W	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative Bud Flower Notes Hower Average aboveground size of sampled plants Description of Aboveground Samples	ring <u>5</u> Fruiting <u>Senescing</u>
Sampling/clipping height (" Jin mar	nten
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) <u>we</u>	serve dange In um - um
Visible dust all in bother several ini	her.
Other Description	
R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sa	mpling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CU NJ-10-TO3N-FOW Date 9/17/14 15:40
Personnel TLD BAS
Plant type: Shrub Grass Forb
Species Arly
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes k Sm
Average aboveground size of sampled plants 12
Description of Aboveground Samples
Sampling/clipping height 1 from grand
Pathogens (presence, description, prevalence) leave them of them of them of them
Herbivory (presence, description, prevalence) kw
Visible dust and dark
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR 3-11-TO3N-F&W Date 9/17/14 (6:00
Personnel To BAJ
Plant type: Shrub Grass Forb_
Species MEOP
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering <u>S</u> Fruiting <u>S</u> Senescing
Notes to 3~
Average aboveground size of sampled plants 27
Description of Aboveground Samples
Sampling/clipping height 1° from manufer
Pathogens (presence, description, prevalence) Sign from a some For
- sten
Herbivory (presence, description, prevalence) ৮৩
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVP3-12-TOUN-FAW</u> Date 9/12/14 13:36
Personnel 520 bbs
Plant type: Shrub Grass Forb
Species A-L
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative 2 Bud Flowering 3 Fruiting 3 Senescing
Notes 2 meters
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 3 dam yet by more
Visible dust all were during
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-13-TO3N- From Date 2/12/14 12:20
Personnel 54-0 bbs
Plant type: Shrub Grass Forb
Species ARLY
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering 3 Fruiting Senescing
Notes 5 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height l' chere from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 3 van conce
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3-H-TO3N-FAW	Date 9/17/14 (3250
Personnel TW BAS	· · · · · · · · · · · · · · · · · · ·
Plant type: Shrub Grass	Forb
Species MESE	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	······
Number of Individuals in Sample5	
Phenology: Vegetative Bud Flower	ering 4 Fruiting Y Senescing
Notes to 1.5 m	
Average above ground size of sampled plants $2?$	" crept (" year
Description of Aboveground Samples	
Sampling/clipping height (" Law	man s Len
Pathogens (presence, description, prevalence)	have since load low. you you
plants not sample look allet	I by drones
Herbivory (presence, description, prevalence)	danger las rum run
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3-15-TO3N-F	Av Date 9/17/19 15:18
Personnel MEST 520 BA	<u>\</u>
Plant type: Shrub Grass	Forb
Species MESP	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample& &	
Phenology: Vegetative Bud F	lowering <u>S</u> Fruiting Senescing
Phenology: Vegetative Bud F Notes I	lowering <u>S</u> Fruiting Senescing
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants	lowering <u>S</u> Fruiting <u>Senescing</u>
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants Description of Aboveground Samples	lowering <u>S</u> Fruiting <u>Senescing</u>
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height I*	18" Towering <u>S</u> Fruiting <u>Senescing</u> 18" 18" 18" 10 manufer 10 manufer
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height I [*] S Pathogens (presence, description, prevalence)_	18" 18" 18" Alloge when apour a di
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height I [*] Pathogens (presence, description, prevalence) Xow	18" 18" Senescing 18" 18" Delage rother gover an all (
Phenology: Vegetative Bud F Notes Notes Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height I* Pathogens (presence, description, prevalence) Image: Sample state	18" 18" Senescing 18" 18" Delage nother gover an all (No
Phenology: Vegetative Bud F Notes I Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height I Pathogens (presence, description, prevalence) Herbivory (presence, description, prevalence)	18" 18" Senescing 18" 18" Notes and a most, 1" h marsten Delage nother grown and 1 No
Phenology: Vegetative Bud F Notes Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height Pathogens (presence, description, prevalence) Image: Sample description, prevalence) Image: Sampling description, prevalence) Image: Sample description, prevalence,	18" 18" Senescing Senescing 18" 18" Mond on most, 1" h manuten Dologo nother opens on all, 1 No

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3 -16 - TU3 IN - FAW Date 9/17/14 14:48
Personnel Jup BAJ
Plant type: Shrub Grass Forb_
Species ne of
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative <u>3</u> Bud Flowering <u>2</u> Fruiting <u>3</u> Senescing
Notes to 2.5 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height (" from manstern
Pathogens (presence, description, prevalence) all low here for allow that
one has pour day wildow
Herbivory (presence, description, prevalence)
Visible dust_all diving (1st year)
Other Description
1

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Personnel TOBAS
Plant type: Shrub Grass Forb
Species neo F
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>4</u> Bud Flowering Fruiting Senescing
Notesk_m
Average aboveground size of sampled plants on P 2, 4 postaliz
Description of Aboveground Samples
Sampling/clipping height_ 1" Since warnsten
Pathogens (presence, description, prevalence) 7 have parden million 12 have
a seller og fvæ-
Herbivory (presence, description, prevalence) -4
Visible dust <u>wo</u>
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3 - 18 - TU3N - FAW Date 8/17/14 11:00			
Personnel TW BAD			
Plant type: Shrub Grass Forb			
Species hear			
Aboveground Sample_X Belowground Sample_			
Site ID Area_Tailings Facility			
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample 5			
Phenology: Vegetative Bud Flowering <u></u> Senescing Senescing			
Notes the 2m			
Average aboveground size of sampled plants 2			
Description of Aboveground Samples			
Sampling/clipping height 1° Sm man 12			
Pathogens (presence, description, prevalence) 3 damped by ren - we			
appears he be drying, produce milder an one that is vigeners			
Herbivory (presence, description, prevalence)			
Visible dust			
Other Description			

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_01/7.0_Project_Working_files/Wugust 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CVR3-19-TV3N-FAV$ Date $9/12/12 12-11$ Personnel TLD RXP
Plant type: Shrub Grass Forb Species hetileter albe
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering <u>S</u> Fruiting <u>S</u> Senescing
Notes to 3 m
Average aboveground size of sampled plants 48" - wobwer plants -
many veretter (1th year), but not sure which a price they are
Description of Aboveground Samples
Sampling/clipping height 1" for main rhen
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust ~
Other Description hs/hs0

R: VProjects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files August 2013 Soil_Veg Sampling Field Forms Sampling Forms Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 3-20-TOSN-FAV Date 9/1	17/14 10:33
Personnel <u>SLO</u>	
Plant type: Shrub Grass Fo	orb
Species	- 1 - 1
Aboveground Sample X Belowgro	ound Sample
Site ID Area Tail	ings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	~
Phenology: Vegetative Bud Flowering 90	Fruiting 7 Senescing
Notes to 1.5 m	
Average aboveground size of sampled plants 25	one wer (the year.
Description of Aboveground Samples	
Sampling/clipping height brown here	0.
Pathogens (presence, description, prevalence)	of dilign all the wany
	~
Herbivory (presence, description, prevalence) fro drac	ged from men - over
Visible dust	
Other Description	
	··

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-21-TOBN-FAW Date 9/17/19 10:12
Personnel 500 \$ 25
Plant type: Shrub Grass Forb_
Species ARLy
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 32 Bud Flowering 3 Fruiting 3 Senescing
Notes to 2m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height It from growt
Pathogens (presence, description, prevalence) 3 rue ave dampt
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-22- TO3N-FAW Date 9/17/17 5254
Personnel 500 BAS
Plant type: Shrub Grass Forb
Species MEOF
Aboveground Sample_X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative <u>4</u> Bud Flowering Fruiting Senescing
Notes to 2 m
Average aboveground size of sampled plants 4" (on about (ft)
others prosted
Description of Aboveground Samples
Sampling/clipping height 1° from mon sten
Pathogens (presence, description, prevalence) and damages, stype a
Herbivory (presence, description, prevalence) powday milder aghide in has
porday under at blan god
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VN3-23-TO3N-FBW Date 2/1)/14 9:08
Personnel TO BAS
Plant type: Shrub Grass Forb_
Species Arry
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 1 Bud Flowering 7 Senescing Senescing
Notes 25m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
6
Herbivory (presence, description, prevalence) one domand by bang more aver the
spite and meet dampe on one
Visible dust hydrownal on related up on all
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3 - 24 - TO3 N - F	Date 9/17/14 8:25
Personnel SLO BAS	
Plant type: Shrub Grass_	Forb_
Species MEOF	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>S</u> Bud	Flowering Fruiting Senescing
Notes to In	
Average aboveground size of sampled plants	(-3*
Description of Aboveground Samples	
Sampling/clipping height	(starben (providede)
Pathogens (presence, description, prevalence) ~~
Herbivory (presence, description, prevalence)) bo one van aver same damage.
Some indeet damage an one	, , , , , , , , , , , , , , , , , , , ,
Visible dust_ elt plants	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR3 - V5 - TO3N - FAW</u> Date <u>8/17/14</u> 8:46 Personnel TLO BAS
Plant type: Shrub Grass Forb_
Species MG of
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative S Bud Flowering Fruiting Senescing
Notes $f_{0} = 3 $
Average aboveground size of sampled plants 24 prostant
Description of Aboveground Samples
Sampling/clipping height 1 ho non sten
Pathogens (presence, description, prevalence) v wy Jung anon' of yillow low (1-29.)
Herbivory (presence, description, prevalence)
Visible dust Other Description

R: \Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVK 3 - VC - TO3N - PAW	_ Date 9/16/14 15:20	\$
Personnel TCO BAS	/ /	
Plant type: Shrub Grass	Forb	
Species <u>heof</u>		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative Bud Flow	wering <u>5</u> Fruiting <u>5</u> S	enescing
Notes to 3m		· · · · · · · · · · · · · · · · · · ·
Average aboveground size of sampled plants	e' D'	
Description of Aboveground Samples		
Sampling/clipping height 1° from the	an elem	
Pathogens (presence, description, prevalence)	and the fact	
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description		

R:VProjects/22242713_2012_OM_Prog_SupportTask_011/.0_Project_Working_files/Wugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>Urks - 27 - TO3N - 7 Aw</u> Date <u>9/16/17</u> 15:07			
Personnel <u>SLP</u> BAJ			
Plant type: Shrub Grass Forb			
Species 76-07			
Aboveground Sample_X Belowground Sample_			
Site ID Area <u>Tailings Facility</u>			
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample5			
Phenology: Vegetative Bud Flowering <u>5</u> Fruiting <u>5</u> Senescing			
Notes to 2m			
Average aboveground size of sampled plants 27			
Description of Aboveground Samples			
Sampling/clipping height to from many been			
Pathogens (presence, description, prevalence) <u>va</u>			
Herbivory (presence, description, prevalence) You way of John damage			
Visible dust			
Other Description			

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	TO3N-FAW	Date_ 116/19
Personnel Jup 8	1	
Plant type: Shrub	Grass	Forb <u> </u>
Species here		
Aboveground Sample X		Belowground Sample
Site ID		Area <u>Tailings Facility</u>
Location		
Description of Sampled Vegeta	tion	
Number of Individuals in Samp	le5	
Phenology: Vegetative	Bud Flowe	rring <u>5</u> Fruiting <u>5</u> Senescing
Notes to 2 ~		
······		
Average aboveground size of sa	ampled plants 2	5
Description of Aboveground Sa	amples	
Sampling/clipping height	1 Se me	
Pathogens (presence, descriptio	n, prevalence)_ 🔨	tome my of seven duban
Sparce Plan,	Anven) -
Herbivory (presence, descriptio	n, prevalence) 🦟	A
	· · · · ·	
Visible dust		
Other Description Mr /h	50	
· · · · · · · · · · · · · · · · · · ·		

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN 3-23-TO3N-FAW Date 9/16/14 (2:50)	
Personnel the BAS	
Plant type: Shrub Grass Forb_	
Species AFER ANU	
Aboveground Sample X Belowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	1
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering Fruiting <u>~</u> Send	escing
Notes des 2m	
Average aboveground size of sampled plants 7	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) 🐱	
Herbivory (presence, description, prevalence) 2 damy by drugting - 1 jul	dang
Visible dust_ be didn'ty	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID $(vp3-3u-Tv3D - FAW)$ Personnel TLD Bar
Plant type: Shrub Grass Forb_
Species MEGR
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample
Description of Aboveground Samples
Sampling/clipping height 1° from manual
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 m for and for m org <u>(Shere Upper not are sampled. Same evidence of reasond decled</u> Visible dust_ho Other Description_

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

	Her Date
Personnel 520 Bbs	
Plant type: Shrub Grass_	Forb
Species Arly	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative Bud	Flowering Fruiting Senescing
Notes to 2.5m	
	107
Average aboveground size of sampled plants	127
Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height	124 front
Average aboveground size of sampled plants_ Description of Aboveground Samples Sampling/clipping height	124 frant) too blan yob on induside
Average aboveground size of sampled plants_ Description of Aboveground Samples Sampling/clipping height4 Pathogens (presence, description, prevalence) Herbivory (presence, description, prevalence)	124 frant) to blue god on induside) 4 done god by reliefer - my
Average aboveground size of sampled plants_ Description of Aboveground Samples Sampling/clipping height f^{4} f^{4} f^{4} Pathogens (presence, description, prevalence) Herbivory (presence, description, prevalence) Herbivory (presence, description, prevalence)	124 front) to blue god on induside 14 done god by reliefe - mo had revou tonon satur
Average aboveground size of sampled plants_ Description of Aboveground Samples Sampling/clipping height f^{μ} f_{μ} Pathogens (presence, description, prevalence) Herbivory (presence, description, prevalence) Herbivory (presence, description, prevalence) Mathematical States of the second states of the se	124 frant) too blan god on induside) 4 done ged by relate - mo had revou tany satur

R\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-32-TU3N-FAW	Date 9/16/14 (J:41
Personnel JLD BAD	- I · - Participation
Plant type: Shrub Grass	Forb
Species MEOP	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 423 Bud Flow	wering Fruiting Senescing
Notes to 2m	
Average aboveground size of sampled plants <u>+-</u>	2" 3" all small 1" year pland
Description of Aboveground Samples	
Sampling/clipping height	Jun .
Pathogens (presence, description, prevalence)	K 0
Herbivory (presence, description, prevalence)	Sent held y Lilson affecture
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-33-TO3N-FAW Date 9/10/14	(1:25
Personnel JLO BAS	
Plant type: Shrub Grass Forb_	
Species DEGR	
Aboveground Sample_X Belowground Sa	mple
Site ID Area_Tailings Fa	<u>cility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering <u>§</u> Frui	ting <u>\$</u> Senescing
Notes to 2 m	
Average aboveground size of sampled plants 272	
Description of Aboveground Samples	
Sampling/clipping height 1" In mains tem	·····
Pathogens (presence, description, prevalence)	
	14
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description hs/msp	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR3-34-TU3N- FAW</u> Date 9/15/14 10:02
Personnel SLD BAS
Plant type: Shrub Grass Forb
Species Arla
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 6
Phenology: Vegetative <u>5</u> Bud Flowering <u>3</u> Fruiting <u>3</u> Senescing
Notes de 25 m
Average aboveground size of sampled plants " worky show
Description of Aboveground Samples
Sampling/clipping height 1 charce from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 damandez bas my
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_SupportTask_011/.0_Project_Working_files/Jugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-36- TO3N- FAW Date 9/16/14 5:55
Personnel Jup Blog
Plant type: Shrub Grass Forb
Species dru
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative $\mathcal{V}_{\mathcal{I}}$ Bud Flowering Fruiting Senescing
Notes Sym vadius
Average aboveground size of sampled plants 10
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) and morely smaller by buy me me
for other have some damp In beg non over.
Visible dust some don't on store
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CVRI-I-TO2-N-GAV$ Date 9/10/14/1048PersonnelJLD, JSP, ACRPlant type:ShrubGrassSpeciesPASMAboveground SampleBelowground SampleSite IDArea Tailings Facility	
Personnel_JLD, JSP, ACR Plant type: Shrub Grass_V Forb Species_PASIM Belowground Sample Aboveground Sample_X Belowground Sample Site ID Area Tailings Facility	
Plant type: Shrub Grass_V Forb Species_PAStv Aboveground Sample_X Belowground Sample Site ID	
Species_PASM Belowground Sample Aboveground Sample_X Belowground Sample Site ID Area Tailings Facility	
Aboveground Sample X Belowground Sample Site ID Area Tailings Facility	
Site ID Area Tailings Facility	
Area_rainings Facinity	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 6	
Phenology: Vegetative 5 Bud Flowering Fruiting	Senescing 1
Notes tra - 3m 4 m (520)	
Average above ground size of sampled plants $12^{11} - 18^{11}$	
Description of Aboveground Samples	
Sampling/clipping height <u>1"</u>	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) Work	
Visible dust Nove	· · · · · · · · · · · · · · · · · · ·

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CNR1-2-TOZN-GAW Date 9/10/14 1080
Personnel JLD, JSP, ACR
Plant type: Shrub Grass Forb
Species ACHY
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 2 Bud 😤 Flowering Fruiting 4 Senescing
Notes Im - 2m 4 m (-s-0)
Average above ground size of sampled plants $u'' - 12''$
Description of Aboveground Samples
Sampling/clinning height 1"
Pathogens (presence description prevalence) to (pa/
Tuniogens (presence, description, prevalence) <u>veetec</u>
Herbivory (presence, description, prevalence) work
Visible dust <u>Nove</u>
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-3-TO2N-&GRW	Date 9/10/14 1021	
Personnel JUD, JSP, ACR		-
Plant type: Shrub Grass_	Forb	
Species PASM		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative Bud B Flow	ering Fruiting	Senescing
Notes 3m 5m (LO)		
Average aboveground size of sampled plants_15	" w/ buds	
Description of Aboveground Samples		
Sampling/clipping height'		
Pathogens (presence, description, prevalence) No	ne	
Herbivory (presence, description, prevalence) <u>vo</u>	ne	
		<u> </u>
Visible dust none		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-4-TO2N-GAW	Date 9/10/14 1115
Personnel & JLD, JSP, AUR	
Plant type: Shrub Grass/	Forb
Species PSSP	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative <u>4</u> Bud Flower	ing Fruiting Senescing
Notes 27 - 37 5 m (540)	
Average aboveground size of sampled plants <u>لو</u>	
Description of Aboveground Samples	
Sampling/clipping height 0.5	
Pathogens (presence, description, prevalence) <u>WoV</u>	L.
Harbivory (progence description provelence) 10 (2)	
receivery (presence, description, prevalence) reve	e
Visible dust None	
Other Description Low SAMPLE Weight	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR1-5-TO2N-GAW</u> Date 9/10/14 1122	
Personnel JUD, JSP, ACR	
Plant type: Shrub Grass_V Forb	
Species FEAR	
Aboveground Sample X Belowground Sample	
Site ID Area_Tailings Facility	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative Bud Flowering Fruiting Send	escing <u>5</u>
Notes Im	
Average aboveground size of sampled plants 3" veg., up to 12" w/ sta	IK seed
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) whe	
Herbivory (presence, description, prevalence) hove	
Visible dust_None_	
Other Description	
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CNRI-6-TOZN-GAW Date 9/10/14/137
Personnel JUD, JSP, ACR
Plant type: Shrub Grass Forb Species_AC41Y
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering 5 Fruiting Senescing
Notes m-2m
Average aboveground size of sampled plants <u>Ib</u>
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) NOVe
Herbivory (presence, description, prevalence)
Visible dust_wone
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\Jugust 2013 Soil_Veg Sampling\Fleid Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-7-TO2N-GAIN	Date 9/10/14 1000
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass V	Forb
Species ACHY	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	4
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative 2 Bud Flo	owering <u>&</u> Fruiting Senescing <u>3</u>
Notes $lm - 3m$	
Average aboveground size of sampled plants	<u> </u>
Description of Aboveground Samples	
Sampling/clipping height)	
Pathogens (presence, description, prevalence) <u>n</u>	014
Herbivory (presence, description, prevalence) V	whe
Visible dust Nov e_	
Other Description	

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachm PLANT SAMPLE COLLE	ent A CTION DATA SHEET
Sample ID <u>CVR1-8-TO2N-GAW</u> Personnel JUD, JSP, JMM, ACR	Date 9/10/14 0949
Plant type: Shrub Grass	Forb
Species_FEAR	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 9	
Phenology: Vegetative Bud Flow	ering 9 Fruiting Senescing
Notes 2m 3 m	
Average above ground size of sampled plants 3°	for veg part, up to 10" w/ flowering stalk
Description of Aboveground Samples	
Sampling/clipping height /"	
Pathogens (presence, description, prevalence) ho	ne
Herbivory (presence, description, prevalence) ws	~e
Visible dust work	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID CVRI-9-TOZN - GOW Date 9/10/14 2001 0937 Personnel JLD, JMM, JSP, ACR
Plant type: Shrub Grass_ Forb
Species PSSP
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative Bud Flowering Fruiting Senescing Notes 3
Average aboveground size of sampled plants 12"
Description of Aboveground Samples Sampling/clipping height' Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) <u>None</u>
Visible dust some dust on plants
Other Description ALSO DOVING AN MS/MSD ON HHIS SAMPLE

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1 - 10 - TO2N - GRAVA D	ate alialiy nazz
Personnel II D. INAMA ACK	
Plant type: Shruh Grass	Earh
Species EEAR	F010
Abayaground Sample V	
Aboveground Sample A Be	slowground Sample
Site ID Ai	rea Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 4	
Phenology: Vegetative Bud Flowering	<u>5</u> Fruiting Senescing
Notes Trop 1.5 m (2005)	
Average above ground size of sampled plants $12^{"}$	4
Description of Aboveground Samples	
Sampling/clipping height <u>\``</u>	
Pathogens (presence, description, prevalence) none	
Herbivory (presence, description, prevalence) none	
Visible dust <u>work</u>	1
Other Description	

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-11-TOZN-GAN) Date 9/10/14 0913
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	V Forb
Species PASM	
Aboveground Sample X	Belowground Sample
Site ID	Area_Tailings Facility
Location	(
Description of Sampled Vegetation	
Number of Individuals in Sample 7	
Phenology: Vegetative 5 Bud	Flowering 2 Fruiting Senescing
Notes tra- 2m 2.5 m (5.0)	
Average aboveground size of sampled plants	12"-15"
Description of Aboveground Samples	
Sampling/clipping height_1"	
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence))none
Visible dust none	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Some ID $AVR = 12 - TA2 + 1 - (DA10)$	Du gluplus DEE
Barrannel N. D. NAMA ACP	Date (18/14 695
Personnel <u>JCD</u> , Slovier, ACC	
Plant type: Shrub Grass	V Forb
Species ACH9	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 5 Bud 1	Flowering / Fruiting Senescing
Notes km-2m 2.5m (JLP)	
Average aboveground size of sampled plants_	8"
Description of Aboveground Samples	
Sampling/clipping height_1"	
Pathogens (presence, description, prevalence)	hone
Herbivory (presence, description, prevalence)	none
Visible dust none	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR1-13-TO2N-GAW</u> Date 9/9/14 1529 1530
Personnel JLD, JSP, ACR
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 🚺
Phenology: Vegetative 5 6 Bud Flowering 4 Fruiting Senescing
Notes Im - 3m
Average above ground size of sampled plants $8'' - 18''$
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) None
Herbivory (presence, description, prevalence) None
Visible dust none
Other Description ALSO DO AN MS/MSD ON THIS SAMPLE.

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-14-TO2N-GAW	Date 9/9/14 1520
Personnel JUD, JSP, ACR	
Plant type: Shrub Grass	✓ Forb
Species FEAR PRIP FRAR	(· · · · · · · · · · · · · · · · · · ·
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 10	
Phenology: Vegetative Bud I	Flowering <u>Senescing</u>
Notes 2m-3m	
Average aboveground size of sampled plants_	6" with flowering stalk
	,
Description of Aboveground Samples	
Sampling/clipping height Vr 0.5	
Pathogens (presence, description, prevalence)	hone
Herbivory (presence, description, prevalence)	none
-	
Visible dust none	-
Other Description	

ŏ

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR1-15-TO2N-GAM Date 9/9/14 1441
Personnel_JUD, JSP, ACR
Plant type: Shrub Grass Forb
Species PASM
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>5</u> Bud Flowering Fruiting Senescing
Notes In- 21 2.5 m (200)
Average aboveground size of sampled plants <u>&</u>
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) None
Herbivory (presence, description, prevalence) hong
Visible dust <u>None</u>
Other Description

R:VProjects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/Jugust 2013 Soli_Veg Sampting/Field Forms/Sampting Forms/Plant Sampte Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR1-14-TOW-GAN Date 9/9/14 1454
Personnel JLD, JSP, ACR
Plant type: Shrub Grass_V Forb
Species PASTON PSSP (50)
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative_5_ Bud Flowering Fruiting Senescing
Notes ² × m
Average aboveground size of sampled plants <u>b</u>
Description of Aboveground Samples
Sampling/clipping heightl
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence) None
Visible dust <u>some dust</u>
Other Description

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-17-TOZN-GrAw Date 9/9/14 1506
Personnel JLD, JSP, ACR
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>3</u> Bud Flowering <u>7</u> Fruiting Senescing
Notes Im - 2n 2 m SLP
Average aboveground size of sampled plants <u>12</u> "
Description of Aboveground Samples
Sampling/clipping height(ⁿ
Pathogens (presence, description, prevalence) large ant hill mound for 3 of 5 plant
Herbivory (presence, description, prevalence) none
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-18-TOZN-GAN	Date 9 9 14 1432
Personnel JLD, JSP, ACR	·
Plant type: Shrub Grass	V Forb
Species PASM	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 4 Bud	Flowering 2 Fruiting Senescing
Notes Lon-Zon 3 m	
Average aboveground size of sampled plants	s_12"
Description of Aboveground Samples	
Sampling/clipping height !'	
Pathogens (presence, description, prevalence	e) none
Herbivory (presence, description, prevalence	e) none
Visible dust none	
Other Description	
	8

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WRI-19-TO2N-GRAW Date 9/9/14 1424
Personnel JLD, JSP, ACR
Plant type: Shrub Grass_ Forb
Species_PASM
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative \checkmark Bud Flowering Fruiting Senescing
Notes m
Average aboveground size of sampled plants <u>B", one plant area is short, new growth</u>
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) work
Herbivory (presence, description, prevalence) Nove
Visible dust none
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WR1-20-TO2N-GRAW Date 9/9/14 1/38
Personnel JUD, JSP, ACR
Plant type: Shrub Grass Forb Species_PSSP
Aboveground Sample_X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>2</u> Senescing
Notes 2m
Average above ground size of sampled plants $12^{"} - 18^{"}$
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence) none
Visible dust_minimal on (2" plant
Other Description

R:VProjects/22242713_2012_QM_Prog_SupponTask_0117.0_Project_Working_files/Wugust 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-21-TO2N-GAV Date 9/9/14 1250
Personnel <u>JCB</u> , <u>JCP</u> , <u>NCK</u>
Plant type: Shrub Grass_V Forb
SpeciesSP
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 34 Bud Flowering 2 Fruiting Senescing
Notes 3 m
Average above ground size of sampled plants $U'' - 2'$
Description of Aboveground Samples
Sampling/clipping height 1" (linch)
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence) boby
Visible dust None
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR1-22-TO2N-GRAN</u> Date 9/9/14 1339
Personnel JLD, JMM, ACR
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 🧖 (10)
Phenology: Vegetative B Bud Flowering Fruiting Senescing
Notes Im - 4m
Average above ground size of sampled plants (q^{\prime})
Description of Aboveground Samples
Sampling/clipping height 0.5"
Pathogens (presence, description, prevalence) none
Herbivory (presence, description, prevalence) none
Visible dust wone
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\ugust 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CVR1-23-TO2N-GAW Date 9/9/14 1330
Personnel JUD, JMM, ACR
Plant type: Shrub Grass Forb
Species ACHY
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 4
Phenology: Vegetative Bud Flowering 4 Fruiting Senescing
Notes 2m
Average aboveground size of sampled plants_) 8 ^h
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) within a large ant mound
Herbivory (presence, description, prevalence) and mound
Visible dust <u>wore</u>
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

ŏ

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-24-TOZN-GAL	N Date 9/9/14 1347
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass	5 Forb
Species PASM	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample_ 7	<u>}</u>
Phenology: Vegetative <u>3</u> Bud	Flowering 4 Fruiting Senescing
Notes 2m	
Average aboveground size of sampled plant	ts 18 ^k -2 ¹
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence	ce) none
Herbivory (presence, description, prevalence	e) none
Visible dust_ <u>None</u>	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CM21-25-TO2N-GAW Date 9/9/14 1325
Personnel JLD, JMM, ACK
Plant type: Shrub Grass_ Forb
Species_FEAR
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 10
Phenology: Vegetative 4 Bud Flowering 6 Fruiting Senescing
Notes Im- 3m
Average aboveground size of sampled plants 0
Description of Aboveground Samples
Sampling/clipping height)
Pathogens (presence, description, prevalence) None
Herbivory (presence, description, prevalence) work
Visible dust worke
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CVRI-24-TO2N-GAW</u> Date <u>9/9/14</u> 1305 Personnel JLD, JMM, ACR
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample 5
Phenology: Vegetative Senescing Notes YM Sup
Average aboveground size of sampled plants (&"
Description of Aboveground Samples
Sampling/clipping height 2 from ground
Pathogens (presence, description, prevalence) NONQ
Sampling/clipping height 2 from ghound Pathogens (presence, description, prevalence) NONQ Herbivory (presence, description, prevalence) NONQ
Sampling/clipping height <u>2 from ground</u> Pathogens (presence, description, prevalence) <u>NONE</u> Herbivory (presence, description, prevalence) <u>NONE</u> Visible dust_ <u>neme</u>
Sampling/clipping height <u>2 from ground</u> Pathogens (presence, description, prevalence) <u>none</u> Herbivory (presence, description, prevalence) <u>none</u> Visible dust <u>nene</u> Other Description
Sampling/clipping height <u>2 from ground</u> Pathogens (presence, description, prevalence) <u>NONe</u> Herbivory (presence, description, prevalence) <u>NONe</u> Visible dust_ <u>nene</u> Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

ŏ

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-27 - TOW- GRAW	Date 9/9/14 1410
Personnel JLD, JMM, ACR	
Plant type: Shrub Grass_	✓ Forb
Species PASM	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 6 Bud	Flowering 1 Fruiting Senescing
Notes 2M	
Average aboveground size of sampled plants	s_0-12"
Description of Aboveground Samples	
Sampling/clipping height 1" from grou	ind
Pathogens (presence, description, prevalence	e) none
Herbivory (presence, description, prevalence	e) vore
Visible dust_ <u>veve</u>	
Other Description	
2	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CVR1 - 28 - TO2N - GAW$ Date $9/9/14$ 1120
Personnel_JUD, JSP, ACR
Plant type: Shrub Grass_
Species PSSP
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 2m
Average above ground size of sampled plants \int_{0}^{1}
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) le of littler a mind one bottom
Herbivory (presence, description, prevalence) hone
Visible dust nonl
Other Description
F

R:\Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

11:39

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-29-TO2N-GAW Date 9/9/14 1107
Personnel JiD, JSP, ACR
Plant type: Shrub Grass V Forb
Species PSSP
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 5 Bud Flowering Fruiting Senescing
Notes 2m
Average aboveground size of sampled plants $\mathfrak{S}^{"}$
Description of Aboveground Samples
Sampling/clipping height 0.5"
Pathogens (presence, description, prevalence) vone
Herbivory (presence, description, prevalence) None
Visible dust on some plants
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-30-T02N-GAW	Date 9/9/14 1056
Personnel JLD, JSP, JMM, ACR	
Plant type: Shrub Grass V	Forb
Species FEAP	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
	3
Description of Sampled Vegetation	
Number of Individuals in Sample 🕮 9	
Phenology: Vegetative H Bud Flow	ering Fruiting 5 Senescing
Notes 2m	
Average above ground size of sampled plants $5"$	
Description of Aboveground Samples	
Sampling/clipping height F 0.5"	
Pathogens (presence, description, prevalence) No	INE
Herbivory (presence, description, prevalence) N DA	VE
Visible dustNONE	
Other Description	

Herbivory (presence, de Visible dust <u>NONE</u> Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-31-TO2N-GAW	Date 9/9/14 1037
Personnel TEAR (AR) JLD, JSP; P	KR
Plant type: Shrub Grass_ V	Forb
Species PEAR	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
	N
Description of Sampled Vegetation	
Number of Individuals in Sample 9	
Phenology: Vegetative 24 Bud Flow	wering Fruiting 💋 5 Senescing
Notes 2.5 m	(AK)
Average above ground size of sampled plants 2^{2}	~ 8"
Description of Aboveground Samples	
Sampling/clipping height <u>D.5"</u>	
Pathogens (presence, description, prevalence) no	me
Herbivory (presence, description, prevalence) no	one
	·
Visible dust	
Other Description	

ŏ

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CNRI-32-TOZN-GAN</u> Date 9/9/14 1032
Personnel_JLD; JSP, ACR
Plant type: Shrub Grass Forb
Species PASM
Aboveground Sample_XBelowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting $\sqrt{5}$ Senescing
Notes
Average aboveground size of sampled plants 2 - 18"
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)_www
Herbivory (presence, description, prevalence) www.
Visible dust none
Other Description

ŏ

R:\Projects\22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CN/R 1-33- TO24 CA	
	Date <u>414114 101</u> 6
Personnel CD JOSE, JIVIVI, AC	
Plant type: Shrub Grass_	Forb
Species PSSY	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 5	
Phenology: Vegetative 5 Bud	Flowering Fruiting Senescing
Notes 2.5 m	
Average aboveground size of sampled plants	7-10"
	- 365
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) hone
Herbivory (presence, description, prevalence)) none
······································	·
Visible dust on most samples	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Solf_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
T LANT SAME LE COLLECTION DATA SHELT
Sample ID <u>CVR1-34-TO2N-GAW</u> Date <u>9/9/14</u> 1004
Personnel Stab Jor Jord Ack(rogging)
Species $\square \square \square$
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>4</u> Bud Flowering Fruiting <u>5</u> I Senescing
Notes_2-m
Average aboveground size of sampled plants 10-15"
Description of Aboveground Samples
Sampling/clipping height ("
Pathogens (presence, description, prevalence) None
Herbivory (presence, description, prevalence) work
Visible dust_hohe
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR -1-35-TO2N-CAW Date 9/8/14 0948
Personnel JLD, JSP, JMM, ACR
Plant type: Shrub Grass Forb
Species Jachy
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 87 (39)
Phenology: Vegetative 2. Bud Flowering Fruiting 5 Senescing
Notes 2 m Que
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)_ none
Visible dust
Other Description Took more plants - 3m out from center point

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID CVR.130 TO2N-CAW Date 9/3/17 0934 Personnel_YD, JSP, JMM, ACR (logging) Plant type: Shrub Grass Forb Species farceform Suff. Aboveground Sample X Belowground Sample Site ID Area Tailings Facility Location Image: Site ID Image: Site ID
Description of Sampled Vegetation Number of Individuals in Sample 5 Phenology: Vegetative 4 Bud Flowering Fruiting Senescing Notes 32.5 m Average aboveground size of sampled plants 6
Description of Aboveground Samples Sampling/clipping height Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust were
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CVR21-JG2N-GAN</u> Date <u>9/10/19</u> 2:03 Personnel JFD JNH
Plant type: Shruh Grass / Forh
Species Medany sature Achertheren homewider
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative Description Notes Small Fruiting Small Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height l
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Attachment A

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 8/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-2- TOS2N- GAW Date 9/10/14 14:21
Personnel JCP JRA
Plant type: Shrub Grass_ Forb
Species CSV P
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering <u>S</u> Fruiting <u>S</u> Senescing
Notes 4-5 m
Average aboveground size of sampled plants (2
Description of Aboveground Samples
Sampling/clipping height (
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11;39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-3-TO2N-GAW Date 9/10/14 1446
Personnel JLD, JMM, ACR
Plant type: Shrub Grass Forb
Species FEAR
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 3
Phenology: Vegetative Bud Flowering Fruiting \$13 Senescing
Notes hon-3m 4m
Average aboveground size of sampled plants 3" for veg, & w) seeded stem
Description of Aboveground Semples
Sampling/alinning height $D_{2}S''$
Pathogong (progence description providence) 4 No.4
radiogens (presence, description, prevalence) // ove
Herbivory (presence, description, prevalence) <u>Nove</u>
Visible dust none.
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CVR2-3-TO2N-GAW</u> Date 9/10/14 1435 Personnel JLD, JMM, ACR
Plant type: Shrub Grass V Forb
Species PSSP
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative 3 Bud Flowering Fruiting 3 Senescing Notes transform 2 m
Average aboveground size of sampled plants 12"
Description of Aboveground Samples
Sampling/clipping height "
Pathogens (presence, description, prevalence) hole
Herbivory (presence, description, prevalence) www.
Visible dust_Wone
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-5-TO2N-GAW</u> Date 9/10/14 1455
Personnel JLD, JMM, ACR
Plant type: Shrub Grass_ Forb
Species ACHY
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample12
Phenology: Vegetative 4 Bud Flowering Fruiting 8 Senescing
Notes 1 - 3m 5 m
Average above ground size of sampled plants $(\dot{\phi} - \vartheta)$
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) NONC
Herbivory (presence, description, prevalence) NONL
Visible dust hone
Other Description
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

•
Personnel JLD, JMM, AUR
Plant type: Shrub Grass_ / Forb
Species PASM
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering Fruiting 5 Senescing
Notes m-2m
Average aboveground size of sampled plants 18"
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) very dry and
Herbivory (presence, description, prevalence) hove.
Visible dust_dny and dusty
Other Description & in a pear of two day roads
•

--

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR2 - 7 - TO2N - GrAN Date 9/10/14 (507
Personnel JLD, JMM, ACR
Plant type: Shrub Grass_
Species PASM
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
-9
Description of Sampled Vegetation
Number of Individuals in Sample_ 7-
Phenology: Vegetative Bud Flowering Fruiting 7 Senescing
Notes In-2m 2.5 m
Average above ground size of sampled plants $12' - 18'' - 2'$
Description of Aboveground Samples
Sampling/clipping height <u>\``</u>
Pathogens (presence, description, prevalence) NONL
Herbivory (presence, description, prevalence) hove
Visible dust hope
Other Description ALSO DO AN MS/MSD FOR THIS SAMPLE.

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID _ CUR2-8- TO2N - Gru Date 9/12/17 235
Personnel JLO JRM
Plant type: Shrub Grass_
Species PhSM
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in SampleG
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 1 m
Average aboveground size of sampled plants 12 Color It 18
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-9 - TO2N-GNW Date 9/12/13 7:57
Personnel JLD Stin
Plant type: Shrub Grass_
Species PFF P
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Somulad Vacatation
Number of Individuals in Sample 7
Phenology: Vegetative <u></u> Bud Flowering Fruiting Senescing Notes <u>2.5 m</u>
Average aboveground size of sampled plants 6
Description of Aboveground Samples
Sampling/clipping heightt* door would
Pathogens (presence, description, prevalence) marc dead prove in damp than hyper
Herbivory (presence, description, prevalence) <u>she moved</u>
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-10-JULN - GAV Date 8/12/14 9739
Personnel JLO JAN
Plant type: Shrub Grass_ Forb
Species PAST
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing
Notes_1.5
Average aboveground size of sampled plants 1 5
Description of Aboveground Samples
Sampling/clipping height_ 1 above from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Sampling/clipping heig Pathogens (presence, of Herbivory (presence, of Visible dust______ Other Description_____

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CIER 2-11-TOIN-GOW Date 9/12/14 8:21
Personnel 540 511M
Plant type: Shrub Grass_ / Forb
Species PSP
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 2n
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID _ ~ ~ ~ ~ TOZN - 6 Date 9/14/12 8244
Personnel JLD JTAN
Plant type: Shrub Grass Forb
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Average aboveground size of sampled plants5
Description of Aboveground Samples Sampling/clipping height 1° J~ Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description 73/hJD

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-13 - TOZN - Gov Date 8/12/14 9:11
Personnel Ton Jan
Plant type: Shrub Grass_ Forb
Species Prom
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>4</u> Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants_8
Description of Aboveground Samples
Sampling/clipping height 14 fra grow
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) and me and some hat pretty for
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-14-TO2N-644</u> Date 9/12/14 10:02
Personnel JLD JMA
Plant type: Shrub Grass Forb
Species
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>Senescing</u> Bud Flowering Fruiting Senescing
Notes (m
Average aboveground size of sampled plants 43
Description of Aboveground Samples
Sampling/clipping height_ l' dr rrc proved
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN2-15-TO2N-FAW Date 2/12/14 (5317
Personnel Jup Jun
Plant type: Shrub Grass_ Forb
Species PAST
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 7
Phenology: Vegetative 2 Bud Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants <u>*</u>
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
·
Herbivory (presence, description, prevalence) 3 me one, and men donge
not bushing
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2.16 - TOZN-68</u> Date $3/12/19$ (5:36
Personnel JLD , JMA
Plant type: Shrub Grass <u>~</u> Forb
Species for
Aboveground Sample_X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting C Senescing
Notes
Average aboveground size of sampled plants /
Description of Aboveground Samples
Sampling/clipping height_ 1" to grant
Pathogens (presence, description, prevalence) 600
Herbivory (presence, description, prevalence).
Visible dust
Other Description of the over

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
5 17 1
Sample ID (VR2-14- TOZN-GBW Date 9/14/14 14:58
Personnel JLD JMh
Plant type: Shrub Grass Forb
SpeciesPASM
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>5</u> Bud Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 run over
Visible dust
Other Description

-

R:VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURL-18-TELN-CAW Date S/12/14 (U=57
Personnel Two Jun
Plant type: Shrub Grass Forb
Species <u>C5dP</u>
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>5</u> Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants ?
Description of Aboveground Samples
Sampling/clipping height 14 from ground
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment	A
PLANT SAMPLE COLLECTION	ON DATA SHEET
CrR 2-18-TG20-GAW	
Sample ID CVR2-19-TOLN-FAL Da	ate 2/11/14 14:33
Personnel JCD JMD	·
Plant type: Shrub Grass_	Forb
Species	
Aboveground Sample X Be	elowground Sample
Site ID Ar	ea <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation Number of Individuals in Sample 5	
Phenology: Vegetative Bud Flowering Notes A h	Fruiting Senescing
Average aboveground size of sampled plants 2	dell Elige to 14"
Description of Aboveground Samples	
Sampling/clipping height 1" 2 base p	nound
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) fire	trad war one plant but no
Visible dust	
Other Description	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 0/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CV& 2-20-T82N - 635W Date 8/11/14 15-13
Personnel SLD, JMM
Plant type: Shrub Grass_ Forb
Species
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 2 1 m
Average aboveground size of sampled plants 15" ~ which clarge
Description of Aboveground Samples
Sampling/clipping height 1 aberra grows
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Sol_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 0/3/2014 11:39 AM 6-

2014 1

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID TO2N-GAW Date 9/4/14 13:21
Personnel 500 570
Plant type: Shrub Grass_
Species PAST
Aboveground Sample_X Belowground Sample_
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>3</u> Senescing
Notes 2 m
Average aboveground size of sampled plants 8
*
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) one man gran
Visible dust
Other Description

R: Projects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

//201

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID TO2N - For Date 9/11/17 14:17
Personnel Juo Jun
Plant type: Shrub Grass_
Species Pharm
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants 8 4 4
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) on one
Visible dustk
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (1100 28 Track (NIC D) Shulling 12:52
Sample ID $\underline{CrR2-CS-3GCR-CRD}$ Date $\underline{310}$ [14] $\underline{14}$ $\underline{16}$ $\underline{33}$
Personnel SCO, SRA
Plant type: Shrub Grass Forb
Species <u>P >S n</u>
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative 2 Bud Flowering Fruiting 3 Senescing
Notes
Average aboveground size of sampled plants 15 when her
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R/Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-24 - T&2N- & Date 9/11/17 13:17
Personnel SLP, STry
Plant type: Shrub Grass Forb
Species ?>Sh
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants <u>&</u>
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11;39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (1/R) 25 Tropals FAW Data Studie 12:28
Sample ID <u>CVRC-CS TOCIN THE</u> Date of the CC-36
Personnel 3 CP 3 RR
Plant type: Shrub Grass Forb
Species PASIA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes M
Average aboveground size of sampled plants 12 , culture to 18
Description of Aboveground Samples
Sampling/clipping heightl"
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-2C TSILN-CAW Date Stully 15000
Personnel TLP TAX
Plant type: Shrub Grass Forb
Species ('SSN
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 7 Bud Flowering Fruiting Senescing
Notes 54 metros
2mD
$\frac{1}{3}$
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height /4
Datha and (margine description and local) 2 merced
Pathogens (presence, description, prevalence) 3 million have silve source
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID <u>CURZ-M-TUZH-GAW</u> Date $9/11/14$ (0.35 Personnel JLD, JRD
Plant type: Shrub Grass_ / Forb
Species <u><u><u></u></u><u></u><u></u><u></u><u>S</u><u>S</u><u>C</u></u>
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 2 m
Average aboveground size of sampled plants 15° alar 8° Alar
Description of Aboveground Samples
Sampling/clipping height 1 chara prod
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)n
Visible dust
Other Description

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET
Sample ID CVR 2 - 22 - TO2N - GAW Date (1219
Personnel 523 JAn
Plant type: Shrub Grass Forb
Species fri
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative Bud Flowering Fruiting Senescing Notes 3 ~
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height 1" and over prove
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) and mewod
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CvR 2 - 36 - 162R - G$	\underline{x} Date \underline{y} \underline{y} \underline{y}
Personnel JLD JMM	
Plant type: Shrub Grass	Forb
Species TEOR PASTICO	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>9</u> Bud H	Flowering Fruiting Senescing
Notes 5 m	
Average aboveground size of sampled plants_	67
Description of Aboveground Samples	
Sampling/clipping height (re front
Pathogens (presence, description, prevalence)	on inswell have the her
- ante Berne (presence, accerption, prevalence)	
Herbivory (presence, description, prevalence)_	Nore
Visible dust	
Other Description	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-31-TO2N-COW Date 9/11/14 (1:34	
Personnel <u>500,500</u>	
Plant type: Shrub Grass Forb	
Species PAST	
Aboveground Sample_XBelowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>G</u> Bud Flowering Fruiting <u>Sec</u> Se	enescing
Notes 3.5 m	
Average aboveground size of sampled plants (5)	
Description of Aboveground Samples	
Sampling/clipping height 14 Som Sorry and	
Pathogens (presence, description, prevalence) w	2015-03
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2.32-TO 20-GAW Date 4/4/19 9522
Personnel JW JAN
Plant type: Shrub Grass_ Forb
Species (B+17
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>3</u> Bud <u>Flowering</u> Fruiting <u>C</u> Senescing
Notes 4-5 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height in son proved
Pathogens (presence, description, prevalence) 2 ~~~ ~~~
Herbivory (presence, description, prevalence)
Visible dust
Other Description

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-33 - TOIN- 6150 Date 9/11/14 9:12
Personnel Jul / Jun
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 8
Phenology: Vegetative <u>&</u> Bud <u>Flowering</u> Fruiting <u>Senescing</u>
Notes game 3 maders
Average aboveground size of sampled plants <u>s</u>
Description of Aboveground Samples
Sampling/clipping height <u>i dont grow</u>
Pathogens (presence, description, prevalence) km Jus km
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-34 - TO 2N - 6AW Date 9/11/14 8:51
Personnel JCP, JAM
Plant type: Shrub Grass_ Forb
Species PDSM
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative (Senescing Flowering Fruiting Senescing Sene
Notes Small at 4-5 m. Garren site.
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height 1 door from
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-35-TO2N-60W</u> Date <u>8/11/19</u> 8:30
Personnel 500, 500
Plant type: Shrub Grass_ Forb
Species Cash
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative / Bud Flowering Fruiting Senescing
Notes <u>3.5 m</u>
Average aboveground size of sampled plants & Delroy, 13" culo
Description of Aboveground Samples
Sampling/clipping height (" Some growthe
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 2 - 36 - TOIN-Gow Date 9/11/14 8:06
Personnel SLO Stra
Plant type: Shrub Grass_ Forb
Species Acky
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting <u>~</u> Senescing
Notesf w
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height <u>l</u>
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3-1 - TOZN - 600 Date 9/18/17 (041
Personnel SLO BAS
Plant type: Shrub Grass_
Species PAS M
Aboveground Sample X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting <u>4</u> Senescing
NotesM
Average aboveground size of sampled plants (+
Description of Aboveground Samples
Sampling/clipping height 1" above ground
Pathogens (presence, description, prevalence) a little relation on los
¢
Herbivory (presence, description, prevalence)
Visible dust ko
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects/22242713_2012_CM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CAN - CAW Date 9/18/14 8:55
Personnel JCP, BAS
Plant type: Shrub Grass_
Species PASn
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering Fruiting 5 Senescing
Notes
Average aboveground size of sampled plants (2 ⁴
Description of Aboveground Samples
Sampling/clipping height 12 how fromd
Pathogens (presence, description, prevalence) 6 (ach min a dur.
·
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/Jugust 2013 Soil_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR3-4-TO2N-GAW Date 9/17/19 5:14
Personnel JLD BAS
Plant type: Shrub Grass Forb
Species PAST
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting 5 Senescing
Notes trailing
Average aboveground size of sampled plants 18
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 🛰
Visible dust
Other Description

C

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Cow
Sample ID CUR 3-5-TO2N - Con Date \$1/18/17 (5:31
Personnel JLP BAS
Plant type: Shrub Grass Forb
Species <u>PSJP</u>
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 87
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>4</u> Senescing
Notesto (
Average aboveground size of sampled plants ($\overline{\bullet}^{\vee}$
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description
•

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-
Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $CVR3-G-TGLD-GAW$ Date $9/18(14 8:14)$ Personnel 500 , BAS				
Plant type: Shrub Grass Forb				
Species PASM				
Aboveground Sample_X Belowground Sample_				
Site ID Area <u>Tailings Facility</u>				
Location				
Description of Sampled Vegetation				
Number of Individuals in Sample				
Phenology: Vegetative Bud Flowering Fruiting <u></u> Senescing				
Notes to 15n				
Average aboveground size of sampled plants 18"				
Description of Aboveground Samples				
Sampling/clipping height				
Pathogens (presence, description, prevalence)				
Herbivory (presence, description, prevalence)				
Visible dust				
Other Description				

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID					
Personnel 520 BAS					
Plant type: Shrub Grass Forb					
Species Prin					
Aboveground Sample_X Belowground Sample					
Site ID Area <u>Tailings Facility</u>					
Location					
Description of Sampled Vegetation					
Number of Individuals in Sample 5					
Phenology: Vegetative Bud Flowering Fruiting 4 Senescing					
Notes_fo_2n					
Average aboveground size of sampled plants 12"					
Description of Aboveground Samples					
Sampling/clipping height 1" from proved					
Pathogens (presence, description, prevalence)					
Herbivory (presence, description, prevalence) 4 1. July damy by run-or					
Visible dust					
Other Description					

R:VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg SamplingVield Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VN3-8 - TOW- GAW Date 9/18/14 7227				
Personnel Jup Bas				
Plant type: Shrub Grass Forb				
Species <u>CASH</u>				
Aboveground Sample_X Belowground Sample				
Site ID Area <u>Tailings Facility</u>				
Location				
Description of Sampled Vegetation				
Number of Individuals in Sample5				
Phenology: Vegetative Bud Flowering Fruiting Senescing				
Notes to Im				
Average aboveground size of sampled plants (ζ '				
Description of Aboveground Samples				
Sampling/clipping height / Yran from				
Pathogens (presence, description, prevalence) all her drowland, rencery los				
Herbivory (presence, description, prevalence) 3 mm and light dances, Phillend				
but not broken.				
Visible dust				
Other Description				

R:VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3-8-TODN- GAW Date 9/17/14 (4:20) Personnel TLP BAS					
Plant type: Shrub Grass ✓ Forb					
Species PASM					
Aboveground Sample X Belowground Sample					
Site ID Area_Tailings Facility					
Location					
Description of Sampled Vegetation					
Number of Individuals in Sample 6					
Phenology: Vegetative <u>4</u> Bud Flowering Fruiting <u>2</u> Senescing					
Average aboveground size of sampled plants (27					
Description of Aboveground Samples					
Sampling/clipping height					
Pathogens (presence, description, prevalence) 7 - 7 plus hour puty/ dor al					
on leeven					
Herbivory (presence, description, prevalence)					
Visible dust					
Other Description					

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R:VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3 - 11 - TO24 - GAW Date 9/12/14 15:55
Personnel
Plant type: Shrub Grass Forb
SpeciesP AS M
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 2 Bud Flowering Fruiting 3 Senescing
Notes
Average aboveground size of sampled plants (S ^u
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) from des schender - (v?)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID Date 9/12/14 13:32						
Personnel 520 BAS						
Plant type: Shrub Grass_						
SpeciesGDSD						
Aboveground Sample_X Belowground Sample						
Site ID Area <u>Tailings Facility</u>						
Location						
Description of Sampled Vegetation						
Number of Individuals in Sample						
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>3</u> Senescing						
Notes 1.5 m						
Average aboveground size of sampled plants						
Description of Aboveground Samples						
Sampling/clipping height 1° clove grund						
Pathogens (presence, description, prevalence)						
Herbivory (presence, description, prevalence)						
Visible dust						
Other Description						

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3 - 13 - TOUN-GAW Date 9/17/14 13:14					
Personnel JCP \$AJ					
Plant type: Shrub Grass Forb					
Species Acky					
Aboveground Sample_X Belowground Sample_					
Site ID Area <u>Tailings Facility</u>					
Location					
Description of Sampled Vegetation					
Number of Individuals in Sample					
Phenology: Vegetative Bud Flowering Fruiting 7 Senescing					
Notes_1.5 m					
Average aboveground size of sampled plants 14					
Description of Aboveground Samples					
Sampling/clipping height (above growt					
Pathogens (presence, description, prevalence)					
Herbivory (presence, description, prevalence)					
Visible dust					
Other Description					

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN3 - 14 - TU2N - 6 DW Date 9/17/14 13:42						
Personnel 520 BAS						
Plant type: Shrub Grass_						
Species PMP						
Aboveground Sample_X Belowground Sample						
Site ID Area_Tailings Facility						
Location						
Description of Sampled Vegetation						
Number of Individuals in Sample						
Phenology: Vegetative <u>6</u> Bud Flowering Fruiting <u>7</u> Senescing						
Notes the (.5 m						
Average aboveground size of sampled plants 14 in Slowe 4 vy						
61-51 2 84						
Description of Aboveground Samples						
Sampling/clipping height						
Pathogens (presence, description, prevalence)						
Herbivory (presence, description, prevalence)						
Visible dust						
Other Description						

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg SamplingField Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

 \bigcirc

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID VR3-15TO2N-GAU Date 1/12/14 15:10						
Personnel SUP BAS						
Plant type: Shrub Grass Forb						
Species PSTP						
Aboveground Sample X Belowground Sample						
Site ID Area_Tailings Facility						
Location						
Description of Sampled Vegetation						
Number of Individuals in SampleG						
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>3</u> Senescing						
Notes to 1 m						
Average aboveground size of sampled plants to 14 3 2 7						
Description of Aboveground Samples						
Sampling/clipping height						
Pathogens (presence, description, prevalence)						
Herbivory (presence, description, prevalence) 60						
Visible dust						
Other Description						

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

		- li- lie				
Sample ID (VR 3 - 16 - TO2N -	GBV Date	5/(7/17	(4:41			
Personnel 520 BAS						
Plant type: Shrub Grass_		Forb				
Species P DS M	·····					
Aboveground Sample X	boveground Sample <u>X</u> Belowground Sample					
Site ID	Area Ta					
Location						
Description of Sampled Vegetation						
Number of Individuals in Sample 5						
Phenology: Vegetative Bud	Flowering	Fruiting	Senescing			
Notes						
Average aboveground size of sampled plants	144					
Description of Aboveground Samples			8			
Sampling/clipping height 1 Sam	fromd	24 55 0.00 Million				
Pathogens (presence, description, prevalence	all had	sond at	do colorados			
- Ale class work on 10% -	1 Siliage	0	,			
Herbivory (presence, description, prevalence)	1 0					
Visible dust all at base						
Other Description						
•						

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-17-TOZN-GAW Date 5/17/14 11:17
Personnel JLD BAS
Plant type: Shrub Grass Forb
Species
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative_3_ Bud Flowering Fruiting_5_ Senescing
Notes 2m
Average aboveground size of sampled plants 12"
Description of Aboveground Samples
Sampling/clipping height (" chon from
Pathogens (presence, description, prevalence) ~ (All des coloradium - Liby
Herbivory (presence, description, prevalence) w
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-18-TOIN-GAW Date 9/10/14 10:55
Personnel TW &AS
Plant type: Shrub Grass Forb
Species CAST
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting G Senescing
Notes to 2m
Average aboveground size of sampled plants (C [*]
Description of Aboveground Samples
Sampling/clipping height la sove ground
Pathogens (presence, description, prevalence) ~~~
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_SupponTask_0117.0_Project_Working_files/Wugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3 - 19 - TO2N - GAW Date 9/12/14 12:04
Personnel Type BAS
Plant type: Shrub Grass Forb
Species P 55 P
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample7
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to 1.5 m
Average aboveground size of sampled plants 14
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-20-TOLN-GAV Date S/ 17/14 (522)
Personnel JLD BAU
Plant type: Shrub Grass Forb
Species PASM
Aboveground Sample_XBelowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to U.S ~~
Average aboveground size of sampled plants 25
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 🔨
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $(V \land 3 - 2) - TO 2N - GW Date \frac{9}{17}/17 (5:07$
Personnel JLO BAS
Plant type: Shrub Grass Forb
SpeciesP&PM
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting 2/2 Senescing
Notes to 1.5 m
Average aboveground size of sampled plants [8]
Description of Aboveground Samples
Sampling/clipping height 1" from from
Pathogens (presence, description, prevalence) gotty, and dis colorestin m some (even
Herbivory (presence, description, prevalence)
Visible dust

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID
Personnel Jup Bibs
Plant type: Shrub Grass Forb
Species PSP P
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to 2m
Average aboveground size of sampled plants (s ``
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) <u>ko</u>
Visible dust
Other Description

R: Projects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR 3 - 23 - TOLN - 6Aw Date 8/12/14 9202
Personnel 500 Bbs
Plant type: Shrub Grass_ Forb
Species PASM
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>2</u> Bud Flowering Fruiting <u>3</u> Senescing
Notes to 1.5 m
Average aboveground size of sampled plants 12"
Description of Aboveground Samples
Sampling/clipping height (" from provid
Pathogens (presence, description, prevalence) some mothing de charden in
two alunds, 10% of Delage has blever spits
Herbivory (presence, description, prevalence) and damage to her any preve theory
and when domain a will
Visible dust the of the had had had make my the
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-24 - TOW - GAW Date 5/12/12 8:18
Personnel Sep for
Plant type: Shrub Grass Forb
Species
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>2</u> Bud <u>Flowering</u> Fruiting <u>3</u> Senescing
Notes time I we neder
Average above ground size of sampled plants \mathcal{V}
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) <u>a little grally on leave</u> - ~ 105
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg SamplingVField Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID 3-25-TOW - GOW Date 5/ 17/12 8:40
Personnel JLO \$63
Plant type: Shrub Grass Forb
Species PAST
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in SampleS
Phenology: Vegetative Bud Flowering Fruiting <u>S</u> Senescing
Notes / motor
Average aboveground size of sampled plants [6]
Description of Aboveground Samples
Sampling/clipping height 1" chose ground
Pathogens (presence, description, prevalence) with description on 2
Herbivory (presence, description, prevalence)
Visible dustk
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Somela ID CVR 3-28 - TOSIN- CNH Data SUILLIS 1515
Sample ID CO Date Date (S-1)
Personnel <u><u><u></u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>
Plant type: Shrub Grass Forb
Species PASTY
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Elowering Eruiting Senercing
Notos At 2 h
Notes A Stre
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height [down growt
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust_a (Alle dus)
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_011/7.0_Project_Working_files/Wugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CV M 3 -27 - TG2N - GAW Date 5/16/14 15:00
Personnel The BAS
Plant type: Shrub Grass Forb
Species ? Xat
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
· ·
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting <u>/</u> Senescing
Notes tre 3 m
Average aboveground size of sampled plants 12
Description of Aboveground Samples
Sampling/clipping height de en freed
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_SupponTask_01\7.0_Project_Working_files/Wugust 2013 Soli_Veg Sempling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVP3-28-TV2N-GAW Date 9/10/14 11-47
Personnel JLD BAY
Plant type: Shrub Grass Forb
Species PDS M
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 6 Bud Flowering Fruiting 6 Senescing
Notes 2 2-
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) and have mark of the
Herbivory (presence, description, prevalence) to
Visible dust one donly
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PL'ANT SAMPLE COLLECTION DATA SHEET

Sample ID Trin - GAV Date 9/16/17 12:46
Personnel Tep BAS
Plant type: Shrub Grass Forb
SpeciesPNSM
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to 2~
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) www
Visible dust_ and for your dury
Other Description

R \Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR3-30-TO2N-GAM</u> Date 9/10/14 13:03		
Personnel JUD ISAS		
Plant type: Shrub Grass_ Forb		
Species <u>PSSP</u>		
Aboveground Sample_X Belowground Sample_		
Site ID Area_ <u>Tailings Facility</u>		
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample7		
Phenology: Vegetative_3BudFlowering_4Fruiting_5Senescing		
Notes Jo 3 m		
Average aboveground size of sampled plants ?" alm hill - to 1'		
Description of Aboveground Samples		
Sampling/clipping height 1° dave from		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust_ all a little durz		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN 3-31- TO2N-COW Date 9/16/14 13:26		
Personnel TLO BAS		
Plant type: Shrub Grass Forb		
Species 725M		
Aboveground Sample X Belowground Sample		
Site ID Area <u>Tailings Facility</u>		
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative 2 Bud Flowering Fruiting 4 Senescing		
Notes to ? 5 m		
Average aboveground size of sampled plants 10"		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description		

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\ugust 2013 Soil_Veg Sampling\Flekt Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11/39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-32-TU2N- GAW	Date 9/11/11 (0:28
Personnel TLP BAS	
Plant type: Shrub Grass	Forb
Species PSS P	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 2 Bud Flo	owering 🖌 Fruiting 🛸 Senescing
Notes to 2 m	
Description of Aboveground Samples	- month to write door more al al
Pathogens (presence description prevalence)	Providence and a second and a second a
·	
Herbivory (presence, description, prevalence) v the used on work at	more standy dear material in daug the side
Visible dust	
Other Description	
R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil	L Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID Crp 3-33-TON-GAW Date 8/16/14 11:18		
Personnel JLD BAS		
Plant type: Shrub Grass_ Forb		
Species		
Aboveground Sample_X Belowground Sample_		
Site ID Area <u>Tailings Facility</u>		
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative Bud Flowering <u>5</u> Fruiting <u>5</u> Senescing		
Notes to 2m for entry ent		
Average above ground size of sampled plants 8^{4}		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence) 🛰		
Visible dust		
Other Description		

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg SamplingVField Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-34- TO2N- FAW Date 8/16/17 9:57			
Personnel JLO BAS			
Plant type: Shrub Grass_ Forb			
Species PAS 17			
Aboveground Sample_X Belowground Sample_			
Site ID Area_ <u>Tailings Facility</u>			
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample5			
Phenology: Vegetative <u>1</u> Bud <u>Flowering</u> Fruiting <u>4</u> Senescing			
Notes to 2 m from compt			
Average aboveground size of sampled plants_/v~			
Description of Aboveground Samples			
Sampling/clipping height			
Pathogens (presence, description, prevalence) one est. 1,30 Mlonoris, raising in ho			
Herbivory (presence, description, prevalence) w			
Visible dust one droby Servent both			
Other Description			

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

0

0

000

00

0000

0

0

0

0

0

0

0

0

0

0

000

0

0

0

00

000

0

0000

0

0

Plant Sample Collection

Attachment A			
PLANT SAMPLE COLLECTION DATA SHEET			
Sample ID $Crkr - 35 - TOIN - CAW$ Personnel TLD RAG			
Plant type: Shrub Grass_ Forb			
Species PSSP			
Aboveground Sample X Belowground Sample			
Site ID Area <u>Tailings Facility</u>			
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample 39			
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing			
Notes Y B m radius to job dug P. a.t.			
Average aboveground size of sampled plants (5)			
Description of Aboveground Samples			
Sampling/clipping height 1° door ford			
Pathogens (presence, description, prevalence)			
Herbivory (presence, description, prevalence)			
Visible dust			
Other Description			

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

1

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN3-3(-TOIN-GAV Date S/11/14 5:58
Personnel JLD BAS
Plant type: Shrub Grass Forb
Species CASh
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative Bud Flowering Fruiting Constrained Senescing
Notes ~ vadim
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) on plat has a 25% prople option
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R:VProjects/22242713_2012_QM_Prog_Support/Task_011/7.0_Project_Working_files/Wugust 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-1-TO4N-S	SAW Date 9/10/14 1045	
Personnel JLD, JSP, ACR		
Plant type: Shrub \checkmark C	Brass Forb	
Species ERNA		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 8		
Phenology: Vegetative 8 Bud	Flowering Fruiting Senescing	
Notes 2m-3m 4 m (Suo)	
Average aboveground size of sampled	plants $10^{\prime\prime} - (2^{\prime\prime})^{\prime\prime}$	
Description of Aboveground Samples		
Sampling/clipping height 1"		
Pathogens (presence, description, preva	alence) None	
Herbivory (presence, description, preva	alence) <u>None</u>	
*		
Visible dust <u>Nove</u>		
Other Description ALSO DO AN MS/MSD ON THIS SAMPLE		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVF1-2-TO4N-SAW</u>	Date 9/10/14 N/A
Personnel JLD, JSP, ACR	
Plant type: Shrub V Grass	Forb
Species NONE	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample N/A	
Phenology: Vegetative Bud F	lowering Fruiting Senescing
Notes	
Average aboveground size of sampled plants_	
	-
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)_	
	211
Herbivory (presence, description, prevalence)_	
Visible dust	
Other Description NO SAMPLE COL	ECTED DUE TO NO QUANTITY

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-4-TO4N-SAW	Date 9/10/14 NA	
Personnel JLD, JSP, ACR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample N/A		
Phenology: Vegetative Bud Flor	wering Fruiting Senescing	
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description No SAMPLE CONECTED	DUE TO NO QUANTITY	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVRI-S-TOHN-SAW</u>	Date 9/10/14 1130
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass	Forb
Species ERNA	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 4	
Phenology: Vegetative <u>3</u> Bud Flow	vering / Fruiting Senescing
Notes man 5 m 600	
- 11	a
Average aboveground size of sampled plants	-18
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) whe	
Herbivory (presence, description, prevalence) he	one
Visible dust little dayness on ende	J stem of one plant
Other Description	
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-6-TOUN-SAW	Date 9/10/14 N/A	
Personnel JLD, JSP, ACR		
Plant type: Shrub / Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample NA		
Phenology: Vegetative Bud Flo	wering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description NO SMMPLE COLLEC	TED DUE TO NO QU	UNTITY

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

 \bigcirc

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID OVR1-7-TOYN-SAN	Date 9/10/14 N/A
Personnel JLD, SP, ACR	
Plant type: Shrub V Grass	Forb
Species NONE	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample N	
Phenology: Vegetative Bud Flow	ering Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description NO SAMPLE COU	EUTED DUE TO QUANTI'TY
-SPARSE VEG. APEA -	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-8- TOYN - SAW	Date 9/10/14 N/A	
Personnel JLD, JSP, JMM, ACK		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
·		
Description of Sampled Vegetation		
Number of Individuals in Sample NIA		
Phenology: Vegetative Bud Flow	wering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description NO SAMPLE COM	ECTED DUE TO NO O	RUANTITY

R: Projects/22242713_2012_OM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 0/3/2014 11:39 AM 6-

D

D

D

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR1-10-TOHN-SAW	Date 9/10/14 NA	
Personnel JLD, JMM, ACR		
Plant type: Shrub V Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample N/A		
Phenology: Vegetative Bud Flor	wering Fruiting	Senescing
Notes		
· · · · · · · · · · · · · · · · · · ·		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
		A
Visible dust	<u></u>	
Other Description NO SAMPLE COLE	CTED PHE TO NO QU	ANTITY

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRL-11-TO4	N-SAW	Date 9/10/14	N/A	
Personnel JUD, JMM	ACR			
Plant type: Shrub	Grass	Forb		
Species NONE				
Aboveground Sample X		Belowground San	nple	
Site ID		Area Tailings Faci	lity	
Location				
Description of Sampled Vegetation	<u>on</u>			
Number of Individuals in Sample	NIA	15		
Phenology: Vegetative E	Bud Flov	vering Fruiti	ng	Senescing
Notes				
Average aboveground size of sam	pled plants			
Description of Aboveground Sam	ples			
Sampling/clipping height				
Pathogens (presence, description,	prevalence)			
Herbivory (presence, description,	prevalence)			
Visible dust				
Other Description No SAMP	DE COME	ECTED DUE TO	5 NO 6	2 uprtity

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attach	ment A	
PLANT SAMPLE COLL	ECTION DATA SHEET	
Sample ID CNRI-12-TOHN-SAW Personnel JUD, JMM, ACR	Date 9/10/14 0903	
Plant type: Shrub_V Grass Species_ERNA	Forb	
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation Number of Individuals in Sample 5 Phenology: Vegetative 5 Bud Flow	wering Fruiting	Senescing
Notes lem, on edge of roadside -	edge 5m	
Average aboveground size of sampled plants 10	"-12"	
Description of Aboveground Samples Sampling/clipping height <u>2</u> "		
Pathogens (presence, description, prevalence) No.	sne	
Herbivory (presence, description, prevalence) <u>N</u>	one	
Visible dust_hone_		
Other Description		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-13-TO4N-SAW	Date 9 9 14 NA
Personnel JLD, JJR, ALR	
Plant type: Shrub // Grass	Forb
Species NGNE	
Aboveground Sample X E	selowground Sample
Site ID A	area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering	g Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description No Sample willed	sed.

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 0/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI-14-TO4N-SAW Date 7/9/14 N/A	
Personnel JUD, JSP, ACR	
Plant type: Shrub Grass Forb	
Species NONE	
Aboveground Sample_XBelowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample N 1A	
Phenology: Vegetative Bud Flowering Fruiting	Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description NO SAMPLE COLLECTED DUE TO NO QUI	ANTITY.

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-15-TOYN-SAW	Date 9/9/14 N/A	
Personnel JUD, JSP, ACR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample \mathcal{N}/\mathcal{A}		
Phenology: Vegetative Bud H	Flowering Fruiting	_ Senescing
Notes		
Average aboveground size of sampled plants		
riverage aboveground size of sampled plants_		
Description of Aboveground Samples	1	
Sampling/clipping height		
Pathogens (presence, description, prevalence)		⁶ n
Herbivory (presence, description, prevalence)_		<u>.</u>
Visible dust	· · · · · · · · · · · · · · · · · · ·	
Other Description NO SAMPLE COLL	ECTED DUE TO NO 1	SUANTITY

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID 16-TO-1N - SAW	Date 9/9/14 1448	
Personnel JLD, JSP, ACR	• •	
Plant type: Shrub Grass	Forb	
Species CELA		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 3		
Phenology: Vegetative <u>3</u> Bud H	Flowering Fruiting	_ Senescing
Notes 2m En		
,		
Average aboveground size of sampled plants_	1"-6"	
Description of Aboveground Samples		
Sampling/clipping height 0.5		
Pathogens (presence, description, prevalence)	none	
Herbivory (presence, description, prevalence)_	nohe	
Visible dust <u>some dust</u>		
Other Description		

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

D

D

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-17-TOMN-SAW	Date 9/9/14 N/A	
Personnel JLD, JSP, ACR		
Plant type: Shrub / Grass	Forb	
Species NONE	1010	
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location	<u></u>	
Description of Sampled Vegetation	N	
Number of Individuals in Sample_NA	2	
Phenology: Vegetative Bud Flor	wering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		8
Visible dust		
Other Description No SAMPLE COLLECT	ED DUE TO NO QU	ANTITY
h		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-18-TOHN-STAW	Date 9/9/14 N/A
Personnel JLD, JSP, ACR	
Plant type: Shrub Grass	5 Forb
Species NONE	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample $V A$	
Phenology: Vegetative Bud	Flowering Fruiting Senescing
Notes	
Average aboveground size of sampled plant	ts
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence	xe)
Herbivory (presence, description, prevalence	;e)
Visible dust	
Other Description NO SAMPLE COL	LECTED DUE TO NO QUANTITY.
=	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

D

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR1-19-TO4N-SAW</u> Date 9/9/14 N/A
Personnel JLD, JSP, ACR
Plant type: Shrub Grass Forb
Species NONE
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample NIA
Phenology: Vegetative Bud Flowering Fruiting Senescing_
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description NO SAMPLE TAKEN DUE TO NO QUANTITY

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Same ID CURI 25 TUAN SMIL	D. alalus Alla	
Sample ID CVRT = COST IO IN = SAW	Date 9/4/14 10 HA	
Personnel Job, JSP, AOR	<u></u>	
Plant type: Shrub Grass	Forb	
Species NOME		
Aboveground Sample_X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample N)A		
Phenology: Vegetative Bud Flow	ering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
· · · · ·		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description NO SAMPLE NUE	TO LACK OF DUR	WTITH

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID WRI-21-TOYN-SAW	Date $9/9/14$	
Personnel JLD, JSP, & ACR		
Plant type: Shrub Grass	Forb	
Species N/A		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample N/A		
Phenology: Vegetative Bud F	lowering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height	E	
Pathogens (presence, description, prevalence)_		
Herbivory (presence, description, prevalence)_		
Visible dust		
Other Description No SAMPLE COL	LECTED PUE TO NO	QUALTITY.

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVRI - 22 - TOYN - SAW Date 9/9/14 N/A
Personnel JUD, JMM, ACR
Plant type: Shrub / Grass Forb
Species NONE
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample N/A
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description NO SAMPLE COLLEGED DUE TO NO QUANTITY

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_011/.0_Project_Working_files/Jugust 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-23-TO4N-SAW	Date <u>9/9/14 N/</u> A	
Personnel JUD, JAM, ACR		
Plant type: Shrub Grass	Forb	
Species NDNE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample N/A		
Phenology: Vegetative Bud F	lowering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)_		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description NO SAMPLE CON	ECTED DUE TO NO G	MANTITY
		·····

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Filed Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID
Personnel JUD, JMM, ACR
Plant type: Shrub Grass Forb
Species NA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample N/A
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description NO SAMPLE COLLECTED DUE TO NO QUANTITY.

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

	,	
Sample ID CVR1-25-TO4N-SAW	Date 9/9/14 N/A	
Personnel JLD, JMM, ACR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample $N \not\mid A$		
Phenology: Vegetative Bud Flow	vering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description No Sample Contec	TED DUE TO NO C	MANTITY

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CNR1 - 26 - TOYN - SAW	Date 9/9/14 1312	
Personnel JLD, JMM, ACR		
Plant type: Shrub Grass	Forb	
SpeciesCELA		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample5		
Phenology: Vegetative 5 Bud FI	owering Fruiting	Senescing
Notes Im 4m fr 5m (34)		
Average aboveground size of sampled plants	o" - 18"	
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)_Y	none	
Herbivory (presence, description, prevalence)	none	
Visible dust on some plants		
Other Description		

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CURI-27-TOUN-SAW	Date 9/9/14 1416	
Personnel JLD JMM, ACK		a -
Plant type: Shrub Grass	Forb	
Species CELA		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 4		
Phenology: Vegetative 4 Bud	Flowering Fruiting	Senescing
Notes 10 - 2m 3 m 500		
Average aboveground size of sampled plants_	2"-6"	
Description of Aboveground Samples		
Sampling/clipping height 1" from grow	nd	
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description under weight of	sample, weighed ~ 20	07

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVP1 - 28 - TO4N - SAW</u> Date 9/9/14 N/A
Personnel JUD, JSP, ACR
Plant type: Shrub Grass Forb
Species NONE
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in SampleN(A
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No SAMPLE COLLECTED, SHRUBS ARE OUT OF
SAMPLE AREA, (IN ROAD and GRAVER)

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-29-TO4N-SAW	Date 9/9/14 1111	
Personnel JUD, JSP, ACR		
Plant type: Shrub Grass	Forb	
Species EPNA		
Aboveground Sample_X	Belowground Sample	
Site ID	Area_Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative 2 Bud F.	lowering Fruiting Senescing	
Notes 2-m		
Average aboveground size of sampled plants	12"	
Description of Aboveground Samples		
Sampling/clipping height 1" from Stem	or from ground height	
Pathogens (presence, description, prevalence)_	hone	
Herbivory (presence, description, prevalence)	ment insect galls on flowening pla	ht
only, dime size, I cm thick	ness about halfway up	
Visible dust <u>none</u>	5 1	
Other Description		
-		

R: Projects/22242713_2012_OM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-30-TO4N-SAVO	Date 9/9/14 N/A
Personnel JLD, JSP, ACR	·
Plant type: Shrub Grass	Forb
Species NONE	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample N/A	
Phenology: Vegetative Bud F	lowering Fruiting Senescing
Notes	
	12
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)_	
Herbivory (presence, description, prevalence)_	
Visible dust	
Other Description NO SAMPLE COU	ECTED DUE TO NO QUANTITY

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

	1 AF
Sample ID <u>CNRI-31-TO4N-SAW</u> Date 9/0	14 1045
Personnel JLD, JSP, JMM, ACR	
Plant type: Shrub	·b
Species ERNA	
Aboveground Sample X Belowgrou	ind Sample
Site ID Area Tailin	ngs Facility
Location	2
Description of Sampled Vegetation	
Number of Individuals in Sample 2	
Phenology: Vegetative 1 Bud Flowering 1	Fruiting Senescing
Notes	
Average above ground size of sampled plants $6'' - 2'$	
Description of Aboveground Samples	
Sampling/clipping height 3"	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) Insect galls	(moderate amount)
dime size balls, I cm thick, half new	up 2' plant
Visible dust more	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

9/3/2

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR1-32-TO4N-SAW	Date 9/9/14 N/A	<u>.</u>
Personnel JLD, JSP, PCR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample NA		
Phenology: Vegetative Bud Fl	owering Fruiting	Senescing
Notes		
		·····
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)_		
Herbivory (presence, description, prevalence)_		at.
Visible dust		
Other Description NO SAMPLE COL	LECTED DUE TO	NO QUANTITY

 \bigcirc

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CVRI-33-TOUN-SAW	Date 9/9/14 N/A	
Personnel JUD, JSP, JMM, AUR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	v
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative Bud Flow	wering Fruiting	Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
······································		
Visible dust		
Other Description NO SAMPLE COLLE	CTED BECAUSE QUA	INTITY IS
NOT SUFFICIENT.		······································

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soli_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR1-34-TO4N-SAW	Date glglin NA
Personnel JUD, JSP, JMM, ACR	
Plant type: Shrub Grass Grass	Forb
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Phenology: Vegetative Bud Flowe	ring Fruiting Senescing
Average aboveground size of sampled plants	-15 R VERY SHORT
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description NO SAMPLE COLL	ECTED BECAUSE QUANTITY

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVRI-35-TG4N-SAW</u> Date 5/2/17 0952
Personnel 59 558 5try, ACR
Plant type: Shrub Grass Forb
Species Entrematic manage
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 7
Phenology: Vegetative <u>~</u> Bud Flowering Fruiting Senescing
Notes 4 ~~
Average aboveground size of sampled plants
Description of Aboversund Semular
Sampling/alinning height - 2"
Pathogona (presence description prevalence) a size
ratiogens (presence, description, prevalence) were
Herbivory (presence, description, prevalence)
Visible dust <u>none</u>
Other Description <u>collected</u> 2 plants from ~ 3m from center stake

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVF1-36-to4N-JAV</u>	Date 2/11 0934
Personnel	
Plant type: Shrub Grass	Forb
Species Fricancia mandenta	
Aboveground Sample X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation)
Number of Individuals in Sample 15	/
Phenology: Vegetative <u>3</u> Bud Flowe	ring 2 Fruiting Senescing
Notes to 5 m	
Average aboveground size of sampled plants 8	×ay ("-1"
Description of Aboveground Samples	
Sampling/clipping height 3'-5'	
Pathogens (presence, description, prevalence)	ne
Herbivory (presence, description, prevalence) <u>No</u>	ne
Visible dust	
Other Description	

R:VProjects/22242713_2012_QM_Prog_Suppor/Task_01/7.0_Project_Working_files/August 2013 Solf_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-1-TO4N-SAUV	Date 9/10/14 N/A	
Personnel JLD, JMM		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	Terre I
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample NA		
Phenology: Vegetative Bud Flow	vering Fruiting	_ Senescing
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
	والمحاد المحادي المحاد	
Herbivory (presence, description, prevalence)	•	
Visible dust	·····	
Other Description NO SAMPLE COLLEC	TED- NO QUANT!	ty

đ.

 \bigcirc

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-2-TO4N-SAW	Date 9/10/14 NA	
Personnel		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample NIA		
Phenology: Vegetative Bud Fl	lowering Fruiting	Senescing
Notes		
		<u></u>
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)_		
Visible dust		
Other Description NO SAMPLE COUL	ECTED DUE TO NO	QUANTITY
		<u> </u>

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID_CVR2-3-TO4N-SAW	Date 9/10/14 N/A	
Personnel JLD, JMM, ACR		
Plant type: Shrub Grass	Forb	
Species NONE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in SampleN		
Phenology: Vegetative Bud Flo	wering Fruiting Senescing	
Notes		
Average aboveground size of sampled plants		
Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		
Visible dust		
Other Description No SAMPLE COLI	ECTED DUE TO NO QUANTITY	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-4-TO4N-SAW Date 9/10/14 ALLA
Personnel JLD, JMM, ACR
Plant type: Shrub Grass Forb
Species NETAF
Aboveground Sample Y Polowground Sample
Site ID
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description NO SAMPLE COLLECTED NAE TO NO DIL ANTITU

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Solf_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2 - 5- TO 4N - SAW	Date 9/10/14 N/A			
Personnel JLD, JMM, ACR.	•			
Plant type: Shrub Grass	Forb			
Species NONE				
Aboveground Sample X	Belowground Sample			
Site ID	Area <u>Tailings Facility</u>			
Location				
Description of Sampled Vegetation				
Number of Individuals in Sample NIA				
Phenology: Vegetative Bud]	Flowering Fruiting Senescing			
Notes				
Average aboveground size of sampled plants				
Description of Aboveground Samples				
Sampling/clipping height				
Pathogens (presence, description, prevalence)				
Herbivory (presence, description, prevalence)				
Visible dust				
Other Description NO SHMPLE DUE TO NO QUANTI'TY				

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-6-TOHN-SAW	Date 9/10/14 N/A
Personnel JLD, JIMM, ACR	
Plant type: Shrub Grass	Forb
Species_NONE	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample N/A	
Phenology: Vegetative Bud Flor	wering Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
E	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description NO SAMPLE COLLE	CRED DUE TO NO QUANTITS

R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\Uugust 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-7-TOYN-SAW Date 9/10/14 NHA
Personnel JLD, JMM, ACR
Plant type: Shrub / Grass Forb
Species NONE
Aboveground Sample_XBelowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample N/A
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No SHMPLE COLLECTED DINE TO NO QUANTITY

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Fiekt Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR 2-8- To4 N- JAW	Date 9/12/14 NA
Personnel Jun Jun	
Plant type: Shrub Grass	Forb
Species Non	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flow	ering Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description No Much Lawy	, la

R:VProjects/22242713_2012_OM_Prog_SupportTask_0117.0_Project_Working_files/Wugust 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVK2-9-TO2N-GAW Date 9/12/14 8:04	
Personnel SLD, JMM	
Plant type: Shrub Grass Forb	
Species CELA	
Aboveground Sample X Belowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>6</u> Bud Flowering Fruiting Senescir	1g
Notes	
Average aboveground size of sampled plants 5	
Description of Aboveground Samples	
Sampling/clipping height 1" from from	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) and the second and the second sec	
Visible dust_ man an-y, also man with	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	FR 2-10- TO4N - SAV	Date_ <u>\$/1v/1#</u>	8:44
Personnel 50	D SMM		
Plant type: Shrub_	Grass	Forb	
Species	rnn -		
Aboveground Samp	ole_X	Belowground Sample_	
Site ID		Area Tailings Facility	
Location			
Description of Sam	pled Vegetation		
Number of Individu	als in Sample		
Phenology: Vegeta	tive_2BudFlow	vering Fruiting	Senescing
Notes 5 m	(3-5)		
	<u> </u>		
Average abovegrou	nd size of sampled plants <u>lo</u>	<i>د</i> ر	
Ω.			
Description of Abov	eground Samples		
Sampling/clipping h	eight 12 from ma	noten	
Pathogens (presence	e, description, prevalence)	1	
Herbivory (presence	e, description, prevalence) in	seet cells a both	
v u		0	
Visible dust			
Other Description_			

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Solf_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

.

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-11-TO4N-SAV Date 9/12/14 8:25
Personnel 5-0 Jny
Plant type: Shrub Grass Forb
Species ChVI
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample G
Phenology: Vegetative 2 Bud Flowering 9 Fruiting Senescing
Notes
Average aboveground size of sampled plants 54 54
Description of Aboveground Samples
Sampling/clipping height 1" from front a main sten
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 3 run over and damapa
prohen dens, brown leaver,
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

D

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
Sample ID $CVRL-12 - TG4N - SBW$ Date $2/12/11 - 55C$ Personnel $5CP$ $5MR$
Plant type: Shrub Grass Forb
Species CELA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation Number of Individuals in Sample Phenology: Vegetative4 Bud Flowering Notes Senescing
Average aboveground size of sampled plants <u>& </u>
Description of Aboveground Samples
Sampling/clipping height 1" from grown, to mension on one
Pathogens (presence, description, prevalence) <u>vo</u>
Herbivory (presence, description, prevalence)
Visible dust 2 divy Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-14-TO 4N-JA	\square Date $\frac{9}{12}$	(0:00
Personnel TLO JAN		
Plant type: Shrub Grass	Forb	-
Species CELA		
Aboveground Sample X	Belowground Sample_	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample 5		
Phenology: Vegetative 5 Bud	Flowering Fruiting	Senescing
Notes 5 m		
Average aboveground size of sampled plants_	le	
		·····
Description of Aboveground Samples		
Sampling/clipping height 1° F	me frond	
Pathogens (presence, description, prevalence)	2 hore a lot of	attended deal
make - I		
Herbivory (presence, description, prevalence)	one ver over	
Visible dust		
Other Description wet snorth me	Smid for Md/125	Q
	2	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CYR2-15-TO4N-SAW Date 9/12/14 (V=24
Personnel <u>JC</u>
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample 2
Phenology: Vegetative <u> </u> Bud Flowering Fruiting Senescing
Notes to 35m no more de 5 m
Average aboveground size of sampled plants (0 ⁴
Description of Aboveground Samples
Sampling/clipping height (" from mansky
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) both non over for broken piece
Visible dust
Other Description

R: Projects: 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files: August 2013 Soil_Veg Sampling: Field Forms: Sampling Forms: Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-16-TO4N-SAW Date 2/12/14 15044
Personnel TLO THY
Plant type: Shrub <u> Grass</u> Forb
Species ERNA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 6 Bud Flowering Fruiting Senescing
Notes is Sm
Average aboveground size of sampled plants /*
Description of Aboveground Samples
Sampling/clipping height 1" from manusken
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 3 has in the self-
2 vien ore, for protection
Visible dust
Other Description

R: VProjects/22242713_2012_OM_Prog_SupportTask_0117.0_Project_Working_files/Wugust 2013 Solt_Veg Sempting/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVA 2-17-TV4N - SAW Date 9/11/14 NA
Personnel JLO Jhy
Plant type: Shrub Grass Forb
Species None
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description to show saugh - Insufficient mathematical

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soll_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID D	ate S/12/14 NA
Personnel JLO JMA	
Plant type: Shrub Grass	Forb
Species Noc	
Aboveground Sample X B	elowground Sample
Site ID A	rea <u>Tailings Facility</u>
Location	=
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering	g Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description No sample - 1	sufficent matural

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-19-TOYN-SBV</u> Date <u>\$/11/17</u> 14:44
Personnel <u>5-0</u> , <u>510</u>
Plant type: Shrub Grass Forb
Species CELN
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample3
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes 5 m
Average above ground size of sampled plants $\sqrt{\delta}$
Description of Aboveground Samples
Sampling/clipping height the from menustra areast Swall (1" a boxe of
Pathogens (presence, description, prevalence)
Herbivory (presence description prevalence)
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (CVCB 2-20 -TOUN-SAW Date Shully 1500
Personnel TO TO TO TO
Plant type: Shrub Grass Forb
Species CELL ERNA 140
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample3
Phenology: Vegetative 3 Bud Flowering Fruiting Senescing
Notes 5 m
Average aboveground size of sampled plants (« "
Description of Aboveground Samples
Sampling/clipping height 1' from ground
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-21 - TEHN-SAW</u> Date 2/11/14 (3:50
Personnel 540 5mm
Plant type: Shrub Grass Forb
Species ERNK
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 2
Phenology: Vegetative Bud Flowering Flowering Senescing
Notes 5 m
Average above ground size of sampled plants l^{\prime}
Description of Aboveground Samples
Sampling/clipping height /* from one of tan
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) and run orn, ather has threat
Visible dust
Other Description
2
R: Projects 22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files / August 2013 Soil_Veg Sampling \Field Forms \Sampling Forms \Plant Sample Data sheet to print. doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID	Date 9/11/14	F
Personnel 560 JMM	· · · · · · · · · · · · · · · · · · ·	
Plant type: Shrub Grass Grass	Forb	
Species CELA		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		<u> </u>
Description of Sampled Vegetation		
Number of Individuals in Sample 4		
Phenology: Vegetative <u>4</u> Bud F	lowering Fruiting	Senescing
Notes S m		
Average aboveground size of sampled plants	8~	
Description of Aboveground Samples		
Sampling/clipping height l	duripment	
Pathogens (presence, description, prevalence)_	O-yr leasing las	
Herbivory (presence, description, prevalence)_	<u>к</u> ч	
Visible dust		· · · · · · · · · · · · · · · · · · ·
Other Description		

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR2-23 - TO4N-SAW	Date 9/11/14 1:47
Personnel JUD, XHY	
Plant type: Shrub Grass	Forb
Species CELD	
Aboveground Sample_X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 3 Bud Flow	wering Fruiting Senescing
Notes 5 m. 2 loge to 1	Juli
Average aboveground size of sampled plants	1. 2
-	
Description of Aboveground Samples	
Sampling/clipping height 1" fm ma	nela
Pathogens (presence, description, prevalence)	hs
····	
Herbivory (presence, description, prevalence)	<u></u>
Visible dust	
Other Description	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (UR2-27-TS4N-SAN Date 9/11/14 13:27
Personnel JLP, JDM
Plant type: Shrub Grass Forb
Species ELNA
Aboveground Sample_X Belowground Sample_
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample3
Phenology: Vegetative <u></u> Bud Flowering Fruiting Senescing
Notes to 5 m
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R \Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR2-25-TOQN-SAW Date 9/1/14 12:45
Personnel JCO JMn
Plant type: Shrub Grass Forb
Species CHVI
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in SampleS
Phenology: Vegetative <u>Bud</u> Flowering <u>S</u> Fruiting Senescing
Notes_3-5 m
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height Wasky 1" from grant
Pathogens (presence, description, prevalence) many leave, logh how -
Like they are lyings
Herbivory (presence, description, prevalence) <u>we was aver</u>
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2 - 26-T 4N	SAW Date $5/11/14$ NA
Personnel 520 JAN	1
Plant type: Shrub Grass	Forb
Species Nonc	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud	Flowering Fruiting Senescing
Notes	
Average aboveground size of sampled plants_	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description No Long ((ellected Insafficint material

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUT & 4N-SAW Date 9/11/14 (5:44
Personnel 500 Still
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>5</u> Bud Flowering Fruiting Senescing
Notes 2~
Average aboveground size of sampled plants(
Average aboveground size of sampled plants
Average aboveground size of sampled plants Description of Aboveground Samples
Average aboveground size of sampled plants Description of Aboveground Samples Sampling/clipping height
Average aboveground size of sampled plants (Description of Aboveground Samples Sampling/clipping height 1 Pathogens (presence, description, prevalence) inscription
Average aboveground size of sampled plants (Description of Aboveground Samples Sampling/clipping height 1 for mans for Pathogens (presence, description, prevalence) indext follow 2 glade I man and - look law hally
Average aboveground size of sampled plants (Description of Aboveground Samples Sampling/clipping height 1 Pathogens (presence, description, prevalence) inscription Irran accon Herbivory (presence, description, prevalence) w
Average aboveground size of sampled plants (Description of Aboveground Samples Sampling/clipping height 1 Pathogens (presence, description, prevalence) inscat galls Iron eres Herbivory (presence, description, prevalence) w
Average aboveground size of sampled plants (Description of Aboveground Samples Sampling/clipping height 1' /v manshe Pathogens (presence, description, prevalence) inscar falls m ² flat I run eres - loste law halty Herbivory (presence, description, prevalence) w Visible dust w Other Description (

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-18-TO4N-SAW</u> Date 9/11/14 11:02	
Personnel 5-M 5MM	
Plant type: Shrub	
Species ELNA	
Aboveground Sample X Belowground Sample	
Site ID Area Tailings Facility	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample3	
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting Se	nescing
Notes 2.5 m. No more to 5 m	
Average aboveground size of sampled plants 7 12 ***	<u></u>
Description of Aboveground Samples	
Sampling/clipping height 1° be main sten	
Pathogens (presence, description, prevalence) (~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	~
Herbivory (presence, description, prevalence)	
Visible dust	
Visible dust Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VK2-29 - NO4N - SAW Date 7/11/14 11:23
Personnel JLP JMM
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample7
Phenology: Vegetative 7 Bud Flowering Fruiting Senescing
Notes to 4 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height 1" At manste
Pathogens (presence, description, prevalence) <u>Mo</u>
Herbivory (presence, description, prevalence) one has insuch pelles 2 moures (anon
Mectrical be ken)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR2-36-T64N-SAW</u> Date <u>9/11/19</u> 5:47
Personnel JLD JIZM
Plant type: Shrub Grass Forb
Species ENNY
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample3
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes5 un June
Average aboveground size of sampled plants 2 e 1'1 10 4
Description of Aboveground Samples
Sampling/clipping height (" from man ster
Pathogens (presence, description, prevalence) on q y had been moved - such plus
insect july
Herbivory (presence, description, prevalence)
Visible dustV
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR 2-31-TO4N-SAV Date 9/4/14 MA
Personnel 540 JAM
Plant type: Shrub Grass Forb
Species None
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No sample - insufficient should
· · · · · · · · · · · · · · · · · · ·

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-32-JV4 N- JAW Date 2/11/14 NA
Personnel Jup Jun
Plant type: Shrub Grass Forb
Species Nore
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No Langle allected

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-33 - TO 4N - SAW	Date -/11 (17 N)
Personnel Jun Jun	
Plant type: Shrub Grass	Forb
Species Now	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flows	ering Fruiting Senescing
Notes	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description No Sawyle - T	matice matic

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 2-34-TOHN-JAW Date 2/11/14 NA
Personnel JUP / JHN
Plant type: Shrub Grass Forb
Species Now
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No show sample
0

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/Wugust 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 2-35- T64N- JAW Date 2/11/14 NA
Personnel JSD JAN
Plant type: Shrub Grass Forb
Species Now
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No sample allerter, should wat available

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

ŏ

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR 2-36- TOTH - JAN Date SIMIN NA
Personnel 560 5MH
Plant type: Shrub Grass Forb
Species Nora
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence)
Visible dust
Other Description No sample collected
4

R:VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

C

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3-1-TO 4N-FAW Date 5/18/14 (0219
Personnel SLO BAS
Plant type: Shrub Grass Forb
Species (ELA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing
Notes 3 maters
Average aboveground size of sampled plants 14 th
Description of Aboveground Samples
Sampling/clipping height 1 from mary fer
Pathogens (presence, description, prevalence) 4 had lost most on Llize, dy
Herbivory (presence, description, prevalence) 63
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR3-2-TOYN-SAV Date 9/18/13 10:02
Personnel <u>SLP BDJ</u>
Plant type: Shrub Grass Forb
Species CELN
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative 4 Bud Flowering Fruiting Senescing
Notes to 2 m
Average aboveground size of sampled plants <u></u>
Description of Aboveground Samples
Sampling/clipping height /" from many tem
Pathogens (presence, description, prevalence) al los lar her her here
2 locky day swell los
Herbivory (presence, description, prevalence)
Visible dust all are dury
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR3 - 3 - TOYN - SAW Date 9/18/14 9:05
Personnel JCO BAS
Plant type: Shrub Grass Forb
Species CELA
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 45
Phenology: Vegetative Bud Flowering <u>5</u> Fruiting <u>5</u> Senescing
Notes dr. 4 m
Average aboveground size of sampled plants 2 °
bij plante - haolthy
Description of Aboveground Samples
Sampling/clipping height /" I'm man Im
Pathogens (presence, description, prevalence) Linge de de mar
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampting/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVN3-4-TO4N-SAW Date 9/18/14 9:28
Personnel the bo
Plant type: Shrub Grass Forb
Species CELA
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative <u>Senescing</u> Flowering Fruiting Senescing
Notes h tw
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) 4 (soch dry, horry kan
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VA3-5-TOXN-SAV Date S/18/14 (0:42
Personnel JO BAS
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample X Belowground Sample
Site ID Area Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative 4 Bud Flowering Flowering Senescing
Notes to 1.5 m from centupsint
0
Average aboveground size of sampled plants (4*)
Description of Aboveground Samples
Sampling/clipping height 1" from many len
Pathogens (presence, description, prevalence) all have yelling how with black Lip
Herbivory (presence, description, prevalence) h.
Visible dust
Other Description

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-
Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR3-5 TU4N-SAW Da	ite 9/18/14
Personnel <u>320 BAS</u>	1
Plant type: Shrub Grass	Forb
Species ERNA	
Aboveground Sample X Be	elowground Sample
Site ID Ar	ea <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud Flowering	Fruiting Senescing
Notes to fm, no muc to In	
·	~
Average aboveground size of sampled plants(
Description of Aboveground Samples	
Sampling/clipping height 1° S- h	and she
Pathogens (presence, description, prevalence)	
Herbivory (presence, description, prevalence) 3 &	anonally run- use light to
porcel - broken bronchen stoped	leavy
Visible dust	· · · · · · · · · · · · · · · · · · ·
Other Description	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR 3-7- TUTN - SAW	Date 9/18/19 7:59
Personnel JCD BAS	1
Plant type: Shrub Grass	Forb
Species <u>ERNA</u>	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
<u>×</u>	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative <u>J</u> Bud Flower	ering X Fruiting Senescing
Notes to 4 m	
Average aboveground size of sampled plants (8	ч
Description of Aboveground Samples	
Sampling/clipping height /" from main	1. tan
Pathogens (presence, description, prevalence)	when brown are blim hope in flight
Herbivory (presence, description, prevalence)	her sope bitter AF, remaring for -have
one has sweet fells	
Visible dust	
Other Description	

R:\Projects\22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files\August 2013 Soil_Veg SamplingVield Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:38 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-8-TUHN-SAW Date 9/18/14 7:40
PersonnelBAS
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample2
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to 5 m.
Average aboveground size of sampled plants 15
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) en has a little and line of filing
rightly damager and non -o ver
Herbivory (presence, description, prevalence)
Visible dust and by desinder
Other Description

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3 - 9 - TV4N - SAN Date 9/11/14 14:32	
Personnel JLO BAS	
Plant type: Shrub Grass Forb	
Species CELA	
Aboveground Sample X Belowground Sample	
Site ID Area <u>Tailings Facility</u>	
Location	<u> </u>
	· .·
Description of Sampled Vegetation	
Number of Individuals in Sample3	
Phenology: Vegetative Bud Flowering 2 Fruiting Ser	nescing
Notes to Sn	
<u>N</u>	
Average above ground size of sampled plants (5°)	
Description of Aboveground Samples	
Sampling/clipping height 1" for mains ten	
Pathogens (presence, description, prevalence) many loar dying the gla healthy	-h ave
Herbivory (presence, description, prevalence) more and down to one	Som
- over	
Visible dust at base-ali	
Other Description	

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Plant type: Shrub	Forh
Species	Ford
Aboveground Semple V	Delowground Somple
Site ID	_ Belowground Sample
Leastion	Area_rannigs_racinty
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative Bud	Flowering Fruiting Senescing
Notes 3 mar	<u> </u>
Average aboveground size of sampled plants	s_ 14" and mun longer them
Description of Aboveground Samples	
Sampling/clipping height	frence
Pathogens (presence, description, prevalence	e)
Herbivory (presence, description, prevalence 2 when han small le	e) one severes danget for ver west
Visible dust day at bagy	0
1	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVA3-11 - TO4N-DW Date 9/12/14 (6:04
Personnel TLO BAS
Plant type: Shrub Grass Forb
Species CNVI
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Senescing Senescing
Notes to the
Average aboveground size of sampled plants (
Description of Aboveground Samples
Sampling/clipping height / Son mension
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) on e non non -damput
Visible dust
Other Description

R:\Projects/22242713_2012_QM_Prog_SupportTask_01\7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR3 -17- TUHN- SAW</u> Personnel JLD BAS	Date 9/17/14 NA	
Plant type: Shrub Grass	Forb	
Species NUNE		
Aboveground Sample X	Belowground Sample	
Site ID	Area Tailings Facility	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative Bud Flower	ring Fruiting	Senescing
Notes		
Average aboveground size of sampled plants Description of Aboveground Samples		
Sampling/clipping height		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)		······································
Visible dust		
Other Description No sample wille	the - in rufs;	Gut maderid

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3-13-TO4N-SAW Date 9/12/14 13=23
Personnel JLD Bas
Plant type: Shrub
Species CELD
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample3
Phenology: Vegetative Bud Flowering 2 Fruiting 2 Senescing
Notes to Sm
Average aboveground size of sampled plants 181
Description of Aboveground Samples
Sampling/clipping height I" above promb (many des
Pathogens (presence, description, prevalence) all van- and dament mod-reve
all had diebad of leaves
Herbivory (presence, description, prevalence)
Visible dust_cll divy
Other Description

R:\Projects\22242713_2012_QM_Prog_Suppon\Task_01\7.0_Project_Working_files\August 2013 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Ł

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID Crt 3 - 14 - TO 4 N-SAN	Date 9/17/14 13:55
Personnel 500 BAS	, ,
Plant type: Shrub Grass	Forb
Species ERNA	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample5	
Phenology: Vegetative <u> Bud</u> Flowe	ering <u>3</u> Fruiting <u>3</u> Senescing
Notes to Y u	
Average aboveground size of sampled plants 2	N [*]
Description of Aboveground Samples	
Sampling/clipping height _ from w	ansten
Pathogens (presence, description, prevalence)	8
Herbivory (presence, description, prevalence) $\frac{4}{3}$	langed by nun-over, 2 had
much sally	
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID $\underline{Crrs} - 15 - \overline{Crrs} + \overline{N} - SrevDate - 9(17)(5:73)$
Personnel 545
Plant type: Shrub Grass Forb
Species KRNA
Aboveground Sample_X Belowground Sample_
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative <u>"Bud</u> Flowering (Fruiting Senescing
Notes to 4 m
Average aboveground size of sampled plants (2*
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) me yellowy at botton
one slippity damaged by run-ever
Herbivory (presence, description, prevalence) <u>60</u>
Visible dust
Other Description

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR2-16 - TV4N-SAW Date 9/17/17 1	~:5#
Personnel JLO BAS	
Plant type: Shrub Grass Forb Forb	
Species CELA	
Aboveground Sample_XBelowground Sample	
Site ID Area_ <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative 4 Bud Flowering Fruiting	Senescing
Notes to the	
Average aboveground size of sampled plants (8	
<u> </u>	
Description of Aboveground Samples	
Description of Aboveground Sumples	
Sampling/clipping height with I from grand (many	stemmed plants)
Sampling/clipping height with 1 for grand (many Pathogens (presence, description, prevalence) all or cept some any los	stemmed glands)
Sampling/clipping height with 1 for grand (many Pathogens (presence, description, prevalence) all or cept some any los	stemmed plants)
Sampling/clipping height with 1° for grand (non- Pathogens (presence, description, prevalence) all or cept smarry los Herbivory (presence, description, prevalence) 3 of 5 sector damage	stemmed plants) wei
Sampling/clipping height with 1° for grand (non- Pathogens (presence, description, prevalence) all or cept income los Herbivory (presence, description, prevalence) 3 of 5 seven damage for the lage one my be dying as a wall	stemmed plants) wei
Sampling/clipping height <u>with 1 for prind (non</u> Pathogens (presence, description, prevalence) <u>all or cept income los</u> Herbivory (presence, description, prevalence) <u>3 of S seven damage for an and the seven we all</u>	stemmed plants) iver
Sampling/clipping height <u>with 1 for prind (non</u> Pathogens (presence, description, prevalence) <u>at orcept incomp</u> <u>lee</u> Herbivory (presence, description, prevalence) <u>3 of S seven domap</u> <u>for an a legin one my be dying as a walle</u> Visible dust Other Description	stemmed plants) ver

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
WR3-17-TOYD -3AW
Sample ID CVR 3 -17-TU4 N - SAW Date 9/17/14 (1:34
Personnel JCD BAS
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative 2 Bud Flowering Fruiting Senescing
Notes to Sm
Average aboveground size of sampled plants (8)
Description of Aboveground Samples
Sampling/clipping height 1" In mainsten Mainsten
Pathogens (presence, description, prevalence) in same allowing leave
Herbivory (presence, description, prevalence) is all all all all all all all all all al
ants on Row - plants and will at base of one time black dow (aphids)
Visible dust_ 3 durs by gon area top (Ste) upper of for side mech
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampting/Field Forms/Sampting Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-18- TO4N - SAV	Date 3/17/19 11:06
Personnel 520 BAS	
Plant type: Shrub Grass	Forb
Species CELP	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	~~~~~
Phenology: Vegetative 2 Bud Flower	ring 3 Fruiting 3 Senescing
Notes 5 ~	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height Jan	(3) 1' In moinsh (2)
Pathogens (presence, description, prevalence) el	danage by run - over , Un has
very small leave all here same	duban asp on lover leeve
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description	

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID <u>CVR3-19 - TVYN-SAV</u> Date 9/17/19 12:15
Personnel 500 BAS
Plant type: Shrub // Grass Forb
Species ERNA
Aboveground Sample X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in SampleS
Phenology: Vegetative <u>S</u> Bud Flowering Fruiting Senescing
Notes to 3 in
Average aboveground size of sampled plants [2"
Description of Aboveground Samples
Sampling/clipping height 1' from another
Pathogens (presence, description, prevalence) a latter following, do bach
I have ment get
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID TOYN-S&W Date 9/12/14 15:39
Personnel 5-9 BAS
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample_X Belowground Sample_
Site ID Area_ <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample 5
Phenology: Vegetative <u>S</u> Bud Flowering Fruiting Senescing
Notes 5 m
Average aboveground size of sampled plants [197]
6
Description of Aboveground Samples
Sampling/clipping height to free mainstem
Pathogens (presence, description, prevalence) all had sellioning loves some with blan
type, for damaged by run-over
Herbivory (presence, description, prevalence) NU
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID Date 9/12/14 (0:17
Personnel JLO BAS
Plant type: Shrub Grass Forb
Species CELA
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in SampleS
Phenology: Vegetative <u>3</u> Bud Flowering ^v Fruiting ^v Senescing
Notes Jo 3m
Average aboveground size of sampled plants 15"
Description of Aboveground Samples
Sampling/clipping height 1" Som por a " 1" Som mondan a
Pathogens (presence, description, prevalence) 2 has small leave, with ster
Herbivory (presence, description, prevalence)
Visible dust
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3 - N- TO4N - SAW Date 9/17/14 (8:00)	
Personnel JLA iBAS	
Plant type: Shrub Grass Forb	
Species CEUA	
Aboveground Sample_X Belowground Sample_	
Site ID Area <u>Tailings Facility</u>	
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample3	
Phenology: Vegetative 2 Bud Flowering Fruiting Senescing	
Notes by 5m	
Average aboveground size of sampled plants	
Description of Aboveground Samples	
Sampling/clipping height	
Pathogens (presence, description, prevalence) al her Sma (cel dicher	
*	
Herbivory (presence, description, prevalence) the damaged by buy our une	
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3-23 - TOYN-SAW	Date 9/17/17 9:17
Personnel <u>SLD</u> , BDS	. /
Plant type: Shrub <u></u> Grass	Forb
Species CELD	
Aboveground Sample_X	Belowground Sample
Site ID	Area <u>Tailings Facility</u>
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 3	
Phenology: Vegetative Bud Flower	ring <u>3</u> Fruiting <u>3</u> Senescing
Notes to 5m	
Average aboveground size of sampled plants 20*	
Description of Aboveground Samples	
Sampling/clipping height1"	rten
Pathogens (presence, description, prevalence)	has small leave athe have
traver yellowing at buc as phi	in overall 2 m for head the 1 fam -
Herbivory (presence, description, prevalence)	
Visible dust	
Other Description	

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print_doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-27-TO4N-SAV Date 9/17/19 8:32
Personnel Sun BAS
Plant type: Shrub Grass Forb
Species Frykly
Aboveground Sample_X Belowground Sample
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample4
Phenology: Vegetative <u>3</u> Bud Flowering Fruiting Senescing
Notes h 4 m
Average aboveground size of sampled plants 15
Description of Aboveground Samples
Sampling/clipping height 1" free manster
Pathogens (presence, description, prevalence) 1 cm y dlowing base and me has
bled yob on los
Herbivory (presence, description, prevalence) one has story (bud a Ploven,) Liter off (jechvellit?)
Visible dust no, agage at base.
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

'3/20

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (V K 3 - 25 - T04N - S)	Date 5/17/14 8:51
Personnel SLD BAD	
Plant type: Shrub Grass	Forb
Species CELA	
Aboveground Sample_X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	~
Phenology: Vegetative <u>~</u> Bud Flo	owering <u> </u>
Notes the Sm	
Average aboveground size of sampled plants	
Sampling/aligning height	
Pathogens (presence, description, prevalence)	ne .
Herbivory (presence, description, prevalence) 2	Lange from berg - sver, and
Visible dust	•
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVA3 - 27 - TO4N - SA	\underline{W} Date $\frac{9}{16}/17$ $\frac{15:39}{15:39}$
Personnel SLO BAS	
Plant type: Shrub Grass	Forb
Species FRNA	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>3</u> Bud Flow	wering Fruiting Senescing
Notesto 5 m	
Average aboveground size of sampled plants	+ 20
Description of Aboveground Samples	<u>,</u>
Sampling/clipping height 1' S- w	norus tem
Pathogens (presence, description, prevalence)	2 hore sum selleway los
Herbivory (presence, description, prevalence)	pall 2
Visible dust	
Other Description	

IS AM

CMI Questa Mine Sampling QAPP Appendix B Revision No. 0.0 April 14, 2010

SOP NUMBER 6.0

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR 3 -28 - TOYN - SA	V Date $\frac{2}{15}/15} 11253$
Personnel Sco pro	
Plant type: Shrub Grass	Forb
Species	
Aboveground Sample X	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample	
Phenology: Vegetative <u>4</u> Bud 1	Flowering 4 Fruiting Senescing
Notes to 2 in from can be growt	
Average aboveground size of sampled plants_	157
Description of Aboveground Samples	
Sampling/clipping height to for which	nuler.
Pathogens (presence, description, prevalence)	hall have sugar filter
g (, , , , , , , , , , ,	fin fin fin
Herbivory (presence, description, prevalence)	two d
Visible dust	
Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_01/7.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CUR-22-TOGN-SOW I	Date 9/16/17 12:55	
Personnel 500 BAS		
Plant type: Shrub Grass	Forb	
Species EANT		
Aboveground Sample_X	Belowground Sample	
Site ID	Area <u>Tailings Facility</u>	
Location		
Description of Sampled Vegetation		
Number of Individuals in Sample		
Phenology: Vegetative <u></u> Bud Flowering Fruiting Senescing		
Notes by 3.5m		
Average aboveground size of sampled plants <u>4</u>		
Sampling/clipping beight		
Pathogens (presence, description, prevalence)		
Herbivory (presence, description, prevalence)	a little gellewing of las	
Visible dust		
Other Description		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID (VR3-38-TOYN-JAW Date #11/14 13:21
Personnel <u>TO BAP</u>
Plant type: Shrub Grass Forb
Species <u>KNNA</u>
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative Bud Flowering Fruiting Senescing
Notes to 3 m
Average aboveground size of sampled plants 1
×
Description of Aboveground Samples
Sampling/clipping height_ 1 manual
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) wa
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A
PLANT SAMPLE COLLECTION DATA SHEET
TOYN (50)
Sample ID CUR3-31 - Topper JAW Date 9/16/14 13=3?
Personnel 500 BAS
Plant type: Shrub Grass Forb
Species ER ELD
Aboveground Sample_X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative_4_ Bud Flowering Fruiting Senescing Notes 3 5 5
Average aboveground size of sampled plants 8
Description of Aboveground Samples
Sampling/clipping height
Pathogens (presence, description, prevalence) <u>all lest pren 1 half dout, other</u> <u>3 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>
Visible dust
Other Description

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print, doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID UR3 - 32 - TU4N - SAW Date 9/16/14 15:49
Personnel 20 BAJ
Plant type: Shrub Grass Forb
Species ERNA
Aboveground Sample X Belowground Sample
Site ID Area_Tailings Facility
Location
Description of Sampled Vegetation
Number of Individuals in Sample
Phenology: Vegetative / Bud Flowering 7 Fruiting Senescing
Notes to 3 m
Average aboveground size of sampled plants
Description of Aboveground Samples
Sampling/clipping height_
Pathogens (presence, description, prevalence) - on has zellowith leave
the of the
Herbivory (presence, description, prevalence) - here here is the dampe - though ??
Visible dust c (
Other Description

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-33 - TUYN-SAV	Date 9/16/14 11:33			
Personnel TO BAS				
Plant type: Shrub Grass	Forb			
Species ERNA				
Aboveground Sample X	Belowground Sample			
Site ID	Area Tailings Facility			
Location				
Description of Sampled Vegetation				
Number of Individuals in Sample 🛛 🗲 🗲				
Phenology: Vegetative 2 Bud Flowering 3 Fruiting Senescing				
Average aboveground size of sampled plants	(8,			
Description of Aboveground Samples				
Sampling/clipping height	Sampling/clipping height 1 The manufacture (Sur)			
Pathogens (presence, description, prevalence) are her sellower (or - charty 25'd				
a second one mark well.	- Jh			
Herbivory (presence, description, prevalence)	m			
Visible dust wo				
Other Description <u>ms/hsD</u>				

R: Projects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soll_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

nt.ck

Plant Sample Collection

Attachment A

PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CVR3-34-TO4N-JAW Date 2/16/14 (2:11
Personnel <u>SLO</u> BAS
Plant type: Shrub Grass Forb
Species CELA
Aboveground Sample_X Belowground Sample_
Site ID Area <u>Tailings Facility</u>
Location
Description of Sampled Vegetation
Number of Individuals in Sample5
Phenology: Vegetative <u>Bud</u> Flowering <u>Fruiting</u> Senescing
Average aboveground size of sampled plants 10 ⁴
Description of Aboveground Samples
Sampling/clipping height to chon growt
Pathogens (presence, description, prevalence)
Herbivory (presence, description, prevalence) 2 on. Low Nort Suit deal of
constru off - Color liere
Visible dust
Other Description

R:VProjects/22242713_2012_0M_Prog_SupportTask_011/.0_Project_Working_files/Wugust 2013 Soil_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-

Plant Sample Collection

Attachment A			
PLANT SAMPLE COLLECTION DATA SHEET			
Crr3 -35 - T04P -5 Sample ID <u>Crf3 - 35 - T04N - 5</u> Personnel <u>50</u> Bibs	BW Date 9/18/14 7:58		
Plant type: Shrub Grass Forb			
Species CELN			
Aboveground Sample X	Belowground Sample		
Site ID	Area <u>Tailings Facility</u>		
Location			
Description of Sampled Vegetation			
Number of Individuals in Sample 4	~		
Phenology: Vegetative <u>3</u> Bud	Flowering Fruiting Senescing		
Notes to Sun			
Average above ground size of sampled plants $18^{\circ} - 26^{\circ}$			
Description of Aboveground Samples			
Sampling/clipping height 1" about ground a or mainston (I are 3-6" about and)			
Pathogens (presence, description, prevalence)			
Herbivory (presence, description, prevalence)) one large plant has some dand		
Visible dust_			
Other Description			
R:\Projects\22242713_2012_QM_Prog_Suppor\Task_01\7.0_Project_Working_files\August 201	13 Soil_Veg Sampling\Field Forms\Sampling Forms\Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM $\mathfrak{G} ext{-}$		

Plant Sample Collection

Attachment A PLANT SAMPLE COLLECTION DATA SHEET

Sample ID CrR3-35-TOYN - SAM	<u>Date 2/16/11 9200</u>
Personnel 54 BAP	
Plant type: Shrub Grass	Forb
Species CFCA	
Aboveground Sample <u>X</u>	Belowground Sample
Site ID	Area Tailings Facility
Location	
Description of Sampled Vegetation	
Number of Individuals in Sample 4	
Phenology: Vegetative <u>4</u> Bud Flo	owering Fruiting Senescing
Notes 5 m radin.	
Average aboveground size of sampled plants (2 are 1, 2 are 6
Description of Aboveground Samples Sampling/clipping height	h-v-
Pathogens (presence, description, prevalence)	No
Herbivory (presence, description, prevalence)	n has about 40% diebach)
	/
Visible dust <u> </u>	
Visible dust^ Other Description	

R: VProjects/22242713_2012_QM_Prog_SupportTask_0117.0_Project_Working_files/August 2013 Soli_Veg Sampling/Field Forms/Sampling Forms/Plant Sample Data sheet to print.doc 9/3/2014 11:39 AM 6-



Sample ID	Northing	Easting	Horizontal Variance
Soil and Vegetation	n Sample Locations		
CVR1-1	2080113.06	1828491.82	0.3
CVR1-2	2080161.3	1828492.43	0.3
CVR1-3	2080178.59	1828492.18	0.3
CVR1-4	2080211.55	1828638.64	0.3
CVR1-5	2080275.31	1828590.27	0.3
CVR1-6	2080325.51	1828670.28	0.3
CVR1-7	2080373.85	1828490.11	0.3
CVR1-8	2080491.9	1828607.95	0.7
CVR1-9	2080507.27	1828588.23	0.3
CVR1-10	2080554.45	1828671.84	0.3
CVR1-11	2080587.73	1828622.4	0.3
CVR1-12	2080617.08	1828509.04	0.3
CVR1-13	2080636.36	1828639.69	0.5
CVR1-14	2080651.43	1828687.33	0.5
CVR1-15	2080669.76	1828559.09	0.7
CVR1-16	2080667.29	1828588.27	1.3
CVR1-17	2080684.95	1828686.77	0.7
CVR1-18	2080719.02	1828554.92	1
CVR1-19	2080766.86	1828653.16	0.6
CVR1-20	2080784.4	1828576.66	0.4
CVR1-21	2080780.48	1828608.32	1
CVR1-22	2080797.56	1828686.09	0.6
CVR1-23	2080800.41	1828704.92	0.4
CVR1-24	2080798.11	1828737.41	0.6
CVR1-25	2080814.13	1828686.12	0.8
CVR1-26	2080825.22	1828599.43	1.2
CVR1-27	2080832.19	1828722.18	0.7
CVR1-28	2080895.37	1828443.51	0.3
CVR1-29	2080909.19	1828457.55	1.5
CVR1-30	2080912.19	1828504.4	0.6
CVR1-31	2080929.31	1828591.62	0.8
CVR1-32	2080930.39	1828621.6	0.6
CVR1-33	2080944.52	1828720.56	1.1
CVR1-34	2080959.97	1828721.81	0.6
CVR1-35	2080979.34	1828720.81	0.9
CVR1-36	2081028.62	1828752.96	0.5
CVR2-1	2080242.78	1828789.24	0.3
CVR2-2	2080289.52	1828755.23	0.3
CVR2-3	2080307.57	1828819.92	0.3
CVR2-4	2080325.4	1828771.73	0.3
CVR2-5	2080326.05	1828836.83	0.3
CVR2-6	2080341.16	1828721.51	0.3
CVR2-7	2080358.45	1828804.24	0.3

Sample ID	Northing	Easting	Horizontal
0) (D0.0	000040745	4000755.50	variance
CVR2-8	2080407.15	1828755.52	0.3
CVR2-9	2080487.43	1828870.56	0.8
CVR2-10	2080668.91	1828852.76	0.3
CVR2-11	2080538.95	1828869.5	0.3
CVR2-12	2080568.68	1828753.98	0.3
CVR2-13	2080600.61	1828819.05	0.3
CVR2-14	2080650.18	1828901.63	0.3
CVR2-15	2080733.4	1828902.26	0.3
CVR2-16	2080752.47	1828917.35	0.4
CVR2-17	2080767.53	1828983.14	0.3
CVR2-18	2080800.96	1828853.28	0.3
CVR2-19	2080801.89	1828968.5	0.3
CVR2-20	2080814.6	1828871.5	0.3
CVR2-21	2080834.91	1828952.1	0.3
CVR2-22	2080835.55	1828984.2	0.7
CVR2-23	2080849.4	1828819.95	0.3
CVR2-24	2080867.07	1828952.65	0.3
CVR2-25	2080899.78	1828819.82	0.3
CVR2-26	2080996.96	1829034.54	0.3
CVR2-27	2080875.82	1829180.63	0.5
CVR2-28	2081049.05	1828920.04	0.7
CVR2-29	2081064.98	1828917.81	0.3
CVR2-30	2081058.63	1829051.25	0.4
CVR2-31	2081082.23	1828882.89	0.3
CVR2-32	2081080.02	1829034.24	0.3
CVR2-33	2081096.48	1828953.43	0.3
CVR2-34	2081111.92	1828985.5	0.3
CVR2-35	2081144.92	1828975.55	0.4
CVR2-36	2081163.73	1828866.97	0.3
CVR3-1	2080207.88	1829017.43	0.3
CVR3-2	2080305.59	1828982.12	0.3
CVR3-3	2080341.18	1828933.42	0.3
CVR3-4	2080336.94	1828998.78	0.3
CVR3-5	2080354.73	1829130.8	0.3
CVR3-6	2080521.55	1828999.3	0.3
CVR3-7	2080537.01	1829081 86	0.3
CVR3-8	2080570.58	1829098 58	0.3
CVR3-9	2080571 48	1829216 21	0.3
CVR3-10	2080587 52	1829000 75	0.3
CVR3-11	2080586.95	1829081.65	0.3
CVR3-12	2080601.68	1829262 52	0.3
CVR3-13	2080603 48	1829278 67	0.3
CVR3-14	2080618 6	1829213 46	0.0
CVR3-15	2080636 57	1829033 78	0.3
011010	20000001	1020000.10	0.0

Sample ID	Northing	Easting	Horizontal Variance
CVR3-16	2080636.76	1829080.57	0.3
CVR3-17	2080670.28	1829149.81	0.4
CVR3-18	2080686.13	1829117.05	0.3
CVR3-19	2080685.28	1829214.11	0.3
CVR3-20	2080719.53	1829035.71	0.3
CVR3-21	2080734.7	1829114.93	0.4
CVR3-22	2080734.42	1829131.68	1.8
CVR3-23	2080769.35	1829281.33	0.3
CVR3-24	2080801.63	1829198.25	0.4
CVR3-25	2080815.42	1829295.29	0.3
CVR3-26	2080834.17	1829149.03	0.3
CVR3-27	2081031.39	1828951.43	0.3
CVR3-28	2080961.51	1829310.99	0.3
CVR3-29	2080979.26	1829264.59	0.3
CVR3-30	2080994.41	1829179.9	0.3
CVR3-31	2081012.21	1829147.46	0.3
CVR3-32	2081074.25	1829211.43	0.3
CVR3-33	2081075.62	1829262.17	0.3
CVR3-34	2081089.99	1829198.2	0.4
CVR3-35	2081173.5	1829164.7	0.3
CVR3-36	2081190.01	1829213.64	0.3
Vegetation Transe	ct Locations		
1N-1E	2080345.44	1828669.03	0.4
1N-1S	2080345.361	1828587.579	0.4
1N-2E	2080305.475	1828555.281	0.5
1N-2S	2080305.136	1828473.595	0.3
1N-3E	2080286.486	1828586.01	0.3
1N-3S	2080284.912	1828504.364	0.3
1N-4E	2080271.216	1828664.539	0.6
1N-4S	2080272.394	1828582.713	0.4
1N-5E	2080135.504	1828533.059	0.3
1N-5S	2080134.462	1828450.913	0.4
1N-6E	2080199.941	1828561.717	0.6
1N-6S	2080200.209	1828480.38	0.9
1N-7E	2080307.004	1828661.178	1
1N-7S	2080304.931	1828578.735	0.7
1N-8E	2080324.726	1828561.342	0.3
1N-8S	2080324.639	1828478.15	0.7
1N-9E	2080299.447	1828555.326	0.3
1N-9S	2080299.583	1828471.751	0.8
1N-10E	2080214.516	1828655.355	0.6
1N-10S	2080214.145	1828574.063	0.6
1N-11E	2080279.499	1828652.876	0.5
1N-11S	2080280.039	1828570.668	0.3

Sample ID	Northing	Easting	Horizontal						
			Variance						
1N-12E	2080213.413	1828543.74	0.6						
1N-12S	2080213.411	1828461.413	0.5						
1N-13E	2080358.383	1828600.968	0.8						
1N-13S	2080357.284	1828519.786	0.3						
1N-14E	2080143.181	1828601.652	0.8						
1N-14S	2080142.176	1828519.493	0.6						
1N-15E	2080160.788	1828546.823	0.3						
1N-15S	2080160.414	1828464.295	0.5						
1N-16E	2080167.343	1828532.256	1.1						
1N-16S	2080166.554	1828450.129	0.3						
1N-17E	2080121.736	1828527.955	0.5						
1N-17S	2080121.33	1828445.812	0.5						
1N-18E	2080174.499	1828544.243	0.4						
1N-18S	2080172.947	1828462.203	0.3						
1N-19E	2080218.946	1828554.419	0.6						
1N-19S	2080219.871	1828472.394	0.5						
1N-20E	2080148.271	1828581.615	0.4						
1N-20S	2080147.772	1828498.979	0.5						
1N-21E	2080245.201	1828549.787	0.4						
1N-21S	2080246.298	1828467.91	0.8						
1N-22E	2080239.956	1828656.398	0.4						
1N-22S	2080238.955	1828573.656	0.5						
1N-23E	2080344.055	1828581.222	0.3						
1N-23S	2080343.904	1828499.328	0.5						
1N-24E	2080238.847	1828555.653	0.5						
1N-24S	2080238.431	1828473.088	0.3						
1N-25E	2080233.712	1828616.072	0.5						
1N-25S	2080233.225	1828534.13	1						
1N-26E	2080260.054	1828668.595	0.4						
1N-26S	2080259.337	1828586.589	0.3						
1N-27E	2080207.06	1828606.264	0.7						
1N-27S	2080206.399	1828524.325	0.6						
1N-28E	2080181.083	1828615.304	0.4						
1N-28S	2080180.703	1828533.506	0.7						
1N-29E	2080312.775	1828646.485	0.3						
1N-29S	2080311.739	1828564.714	0.4						
1N-30E	2080163.419	1828649.918	0.4						
1N-30S	2080161.688	1828568.781	0.3						
1N-31E	2080331.468	1828627.976	0.3						
1N-31S	2080331.223	1828545,154	0.4						
1N-32E	2080155.911	1828642.436	0.5						
1N-32S	2080155 116	1828560 197	0.0						
1N-33E	2080371 231	1828571 423	12						
1N-33S	2080369.345	1828489 611	0.5						
111000	2000000.0.0	1020100.011	0.0						
Sample ID	Northing	Fasting	Horizontal						
-----------	-------------	-------------	------------	--	--	--	--	--	--
Gampie ib	Northing	Lasting	Variance						
1N-34E	2080186.675	1828568.191	0.4						
1N-34S	2080187.865	1828486.564	0.4						
1N-35E	2080258.644	1828577.499	0.3						
1N-35S	2080258.97	1828495.679	0.7						
1N-36E	2080188.114	1828666.67	0.4						
1N-36S	2080187.176	1828584.434	0.8						
1N-37E	2080364.315	1828633.392	0.5						
1N-37S	2080363.631	1828551.207	0.6						
1N-38E	2080251.897	1828546.318	0.3						
1N-38S	2080252.719	1828463.982	0.4						
1N-39E	2080246.699	0.4							
1N-39S	2080246.099	1828591.526	0.5						
1N-40E	2080371.928	1828668.107	0.8						
1N-40S	2080370.562	1828586.575	0.9						
1N-41E	2080279.764	1828553.032	0.4						
1N-41S	2080276.506	1828466.737	0.7						
1N-42E	2080194.054	1828627.21	0.4						
1N-42S	2080192.84	1828545.151	0.8						
1N-43E	2080169.617	1828667.349	0.4						
1N-43S	2080169.413	1828585.145	0.9						
1N-44E	2080318.582	1828581.048	0.5						
1N-44S	2080319.886	1828497.061	0.9						
1N-45E	2080253.475	1828643.142	0.4						
1N-45S	2080252.889	1828560.888	0.9						
1S-1E	2080889.057	1828754.524	0.7						
1S-1S	2080887.625	1828670.886	1						
1S-2E	2080725.262	1828547.434	0.5						
1S-2S	2080724.514	1828465.48	0.9						
1S-3E	2080610.183	1828581.327	0.3						
1S-3S	2080608.361	1828499.237	0.3						
1S-4E	2080903.069	1828582.395	0.7						
1S-4S	2080903.821	1828499.967	0.7						
1S-5E	2080512.878	1828622.921	0.3						
1S-5S	2080512.776	1828542.345	1.3						
1S-6E	2080677.351	1828695.403	0.3						
1S-6S	2080680.346	1828613.742	0.3						
1S-7E	2080432.848	1828682.851	0.3						
1S-7S	2080426.531	1828598.734	0.6						
1S-8E	2080463.744	1828585.402	0.4						
1S-8S	2080462.431	1828502.731	0.3						
1S-9E	2080661.268	1828624.859	0.3						
1S-9S	2080661.555	1828542.851	0.3						
1S-10E	2080545.5	1828617.696	0.3						
1S-10S	2080546.782	1828536.481	0.3						

Sample ID	Northing	Easting	Horizontal
	5	J	Variance
1S-11E	2080920.679	1828672.072	0.6
1S-11S	2080922.019	1828593.082	1.1
1S-12E	2081053.407	1828737.39	1.6
1S-12S	2081053.792	1828655.463	1.7
1S-13E	2080610.208	1828706.355	0.3
1S-13S	2080612.082	1828624.913	0.3
1S-14E	2080938.073	1828548.1	0.5
1S-14S	2080937.371	1828465.71	0.9
1S-15E	2080741.762	0.4	
1S-15S	2080741.857	0.4	
1S-16E	2081036.662	0.7	
1S-16S	2081035.058	1828668.887	2.1
1S-17E	2080805.575	1828598.124	0.7
1S-17S	2080804.623	1828515.538	0.8
1S-18E	2080414.167	1828628.336	0.3
1S-18S	2080414.238	1828546.791	0.3
1S-19E	2081020.111	1828678.973	0.9
1S-19S	2081018.719	1828598.625	0.4
1S-20E	2080952.578	1828587.302	1,7
1S-20S	2080952.688	1828509.354	0.9
1S-21E	2080773.717	1828714.219	0.9
18-218	2080772.407	1828632.707	0.4
18-22E	2080757.495	1828667.496	0.4
1S-22S	2080757.678	1828586.249	0.7
1S-23E	2080463.811	1828688.642	0.3
18-235	2080463 786	1828606 525	0.3
18-24F	2080838 415	1828568 597	0.0
18-245	2080836,339	1828486 649	0.0
18-25E	2081018 115	1828776 478	0.7
19-255	2001010.110	1828604 496	0.5
19-200 19-26E	2001010.004	1828600 642	0.7
15-265	2000703.170	1828518 105	0.0
10-200	2000100.234	1020510.105	0.0
10-270	2000043.004	1020077.075	0.3
10-210	2000043.401	1020430.740	0.5
10-200	2000394.077		0.3
10-200		1020000.900	0.3
10-295		1828303.709	0.3
15-295		1828484.434	0.3
15-30E	2081000.008	1828654.043	1.1
15-305	2081002.825	1828572.599	0.4
15-31E	2080726.812	1828688.409	0.4
18-318	2080/23.844	1828607.563	1.3
1S-32E	2081068.361	1828802.174	1.1
1S-32S	2081068.599	1828719.311	1.3

Sample ID	Northing	Easting	Horizontal Variance						
		3	Variance						
1S-33E	2080987.796	1828688.603	0.6						
1S-33S	2080987.498	1828606.232	0.8						
1S-34E	2081084.396	1828793.854	1.2						
1S-34S	2081084.333	1828707.542	0.6						
1S-35E	2080956.542	1828726.479	1.6						
1S-35S	2080951.91	1828645.345	1.1						
1S-36E	2080563.236	1828589.939	0.4						
1S-36S	2080561.514	1828507.255	0.3						
1S-37E	2080887.533	0.7							
1S-37S	2080886.251	0.5							
1S-38E	2080429.616	0.4							
1S-38S	2080429.538	1828506.909	0.3						
1S-39E	2080398.951	1828623.121	0.3						
1S-39S	2080395.107	1828536.377	0.5						
1S-40E	2080870.572	1828657.41	1.2						
1S-40S	2080871.348	1828577,447	0.8						
1S-41E	2080644,988	1828682.057	0.3						
1S-41S	2080646.065	1828600.406	0.5						
1S-42E	2080788,933	1828674,868	1.4						
18-428	2080789 439	1828590 779	0.8						
1S-43F	2080447 561	1828627 987	0.3						
15-435	2080445 64	1828545 726	0.0						
19-400 19-44F	2000440.04	1828656 274	0.7						
15-445	2000400.024	1828574 086	0.0						
19-445 19-45E	2000430.440	1828658 300	0.3						
10-450	2000020.703	1828576 330	0.3						
10-400	2000020.001	1020370.333	1 /						
10-402	2000000.000	1020031.00	0.6						
10-400	2000003.433	1020048.010	0.0						
10-41 0	2000707.170	1020044.001	0.0						
10-410		1020407.000	1.0						
10-400	2000674.044	1020009.40	0.4						
10-480	2000014.912	1828487.337	0.3						
15-495	2080477.354		0.0						
15-495	2080478.923	1828575.33	0.4						
2N-1E	2080373.997	1828873.917	0.3						
2N-15	2080374.063	1828/91.902	0.3						
2N-2E	2080313.819	1828781.045	0.3						
2N-2S	2080313.026	1828698.809	0.3						
2N-3E	2080367.465	1828884.169	0.3						
2N-3S	2080366.296	1828802.634	0.3						
2N-4E	2080406.395	1828896.406	0.3						
2N-4S	2080405.9	1828814.373	0.3						
2N-5E	2080262.486	1828882.662	0.3						
2N-5S	2080262.057	1828799.887	0.3						

Sample ID	Northing	Easting	Horizontal Variance						
	0000000 400	4000700.000	variance						
	2080262.192	1828/80.398	0.3						
	2080201.001		0.3						
2N-7E	2080380.935	1828890.492	0.4						
2N-75	2080380.654	1828808.733	0.3						
2N-8E	2080321.53	1828874.185	0.3						
2N-8S	2080319.678	1828792.568	0.3						
2N-9E	2080334.802	1828825.817	0.3						
2N-9S	2080334.076	1828743.239	1.2						
2N-10E	2080190.474	1828782.266	0.3						
2N-10S	2080189.315	0.3							
2N-11E	2080339.833	0.3							
2N-11S	2080339.161	0.3							
2N-12E	2080255.74	1828792.208	0.3						
2N-12S	2080254.984	1828710.094	0.3						
2N-13E	2080405.357	1828808.977	0.3						
2N-13S	2080404.975	1828726.56	0.3						
2N-14E	2080287.268	1828777.436	0.3						
2N-14S	2080287.43	1828695.668	0.3						
2N-15E	2080306.362	1828866.777	0.3						
2N-15S	2080307.095	1828785.092	0.3						
2N-16E	2080301.237	1828790.109	0.3						
2N-16S	2080301.911	1828872.361	0.3						
2N-17E	2080242,194	1828868.851	0.3						
2N-17S	2080242,182	1828786,633	0.3						
2N-18E	2080281,358	1828776,864	0.3						
2N-18S	2080281.353	1828694,809	0.3						
2N-19E	2080281.852	1828862.419	0.3						
2N-19S	2080281 866	1828780 252	0.3						
2N-20F	2080314 057	1828870 658	0.3						
2N-20E	2000014.001	1828789 251	0.0						
2N-200	2000310.001	1828853 722	0.0						
2N-21C	2000300.300	1828771 755	0.3						
2N-210	2000300.002	1020111.100	0.3						
211-22L 2NI 22S	2000411.400	1020000.010	0.3						
	2000411.010	1020/02.140	0.5						
	2000393.207	10200704 525	0.3						
2IN-233	2080392.247	1828/94.555	0.3						
	2080241.300	1828/70.092	0.3						
2N-245	2080241.541	1828695.384	0.3						
2N-25E	2080301.613	1828780.339	0.3						
2N-255	2080299.351	1828698.185	0.3						
2N-26E	2080399.653	1828889.283	0.3						
2N-26S	2080398.916	1828807.422	0.3						
2N-27E	2080227.577	1828776.859	0.3						
2N-27S	2080229.061	1828695.272	0.3						

Sample ID	Northing	Easting	Horizontal						
oumpio 12	Julia	Lucing	Variance						
2N-28E	2080215.987	1828779.393	0.3						
2N-28S	2080215.305	1828697.565	0.3						
2N-29E	2080361.411	1828840.931	0.3						
2N-29S	2080358.073	1828758.875	0.3						
2N-30E	2080248.877	1828844.844	0.3						
2N-30S	2080249.25	1828763.744	0.3						
2N-31E	2080380.951	1828799.297	0.3						
2N-31S	2080379.495	1828716.551	0.4						
2N-32E	2080294.09	1828816.18	0.3						
2N-32S	2080295.887	1828733.965	0.3						
2N-33E	2080417.368	0.3							
2N-33S	2080416.665	1828708.202	0.3						
2N-34E	2080209.366	1828775.773	0.3						
2N-34S	2080208.318	1828693.089	0.3						
2N-35E	2080341.187	1828883.471	0.3						
2N-35S	2080341.199	1828801.67	0.3						
2N-36E	2080235.681	1828840.801	0.3						
2N-36S	2080234.372	1828757.255	0.3						
2N-37E	2080419.325	1828895.089	0.3						
2N-37S	2080418.063	1828813.174	0.3						
2N-38E	2080222.878	1828845.597	0.3						
2N-38S	2080222.213	1828763.283	0.3						
2N-39E	2080202.983	1828807.612	0.3						
2N-39S	2080202.337	1828726.656	0.3						
2N-40E	2080274.804	1828779.905	0.3						
2N-40S	2080274.055	1828697.725	0.3						
2N-41E	2080347.02	1828811.504	0.3						
2N-41S	2080346.695	1828728.948	0.3						
2N-42E	2080398.159	1828789.724	0.3						
2N-42S	2080398.399	1828708.16	0.3						
2N-43E	2080268.645	1828800.194	0.3						
2N-43S	2080268.374	1828718.641	0.3						
2N-44E	2080366.008	1828796.703	0.3						
2N-44S	2080365.742	1828713.897	0.3						
2N-45E	2080326.782	1828804.408	0.3						
2N-45S	2080325.981	1828721.955	0.3						
2S-1E	2080933.704	1828956.356	0.3						
2S-1S	2080931.678	1828875.254	0.4						
2S-2E	2080867.165	1828938.582	0.7						
2S-2S	2080866.655	1828856.508	1						
2S-3E	2080654.104	1828840.868	0.4						
2S-3S	2080652.938	1828758.62	0.3						
2S-4E	2080620,731	1828913.098	0.6						
2S-4S	2080620.601	1828832.133	0.3						

Sample ID	Northing	Easting	Horizontal Variance						
2S-5E	2080820.036	1829010.792	1.2						
2S-5S	2080819.264	1828926.616	1.1						
2S-6E	2080770.246	1828885.456	0.6						
2S-6S	2080769.27	1828805.112	0.9						
2S-7E	2080967.147	1828964.061	0.9						
2S-7S	2080965.357	1828882.315	0.4						
2S-8E	2080540.462	1828852.697	0.9						
2S-8S	2080540.351	1828934.23	1.1						
2S-9E	2081148.752	1828923.08	0.4						
2S-9S	2081147.091	0.4							
2S-10E	2080591.897	0.6							
2S-10S	2080584.93	1828806.267	0.8						
2S-11E	2080722.165	1828856.956	0.4						
2S-11S	2080719.82	1828775.17	0.3						
2S-12E	2080791.971	1828861.876	1.1						
2S-12S	2080787.906	1828777.774	0.7						
2S-13E	2080885.027	1829007.606	0.5						
2S-13S	2080883.102	1828925.8	1.1						
2S-14E	2080949.293	1828907.039	1.3						
2S-14S	2080949.352	1828825.285	0.4						
2S-15E	2081178.179	1829053.252	1.8						
2S-15S	2081180.315	1828970.355	0.3						
2S-16E	2081198.775	1828999.389	0.5						
2S-16S	2081198.263	1828917.037	0.3						
2S-17E	2081117.276	1829067.848	0.4						
2S-17S	2081115.911	1828984.397	1.1						
2S-18E	2081050.292	1828929.945	1.6						
2S-18S	2081050.591	1828846.958	0.4						
2S-19E	2081066.133	1829001.612	0.3						
2S-19S	2081066.263	1828919.219	0.9						
2S-20E	2080722.619	1828962.656	0.3						
2S-20S	2080724.246	1828878.756	0.4						
2S-21E	2080689.629	1828934.975	0.3						
2S-21S	2080688.757	1828852.531	0.6						
2S-22E	2080867.912	1829035.73	0.3						
2S-22S	2080866.641	1828952.172	0.3						
2S-23E	2081181.614	1828952.937	0.5						
2S-23S	2081180.621	1828872.251	0.3						
2S-24E	2080851.551	1828868.087	0.7						
2S-24S	2080849.707	1828786.836	0.4						
2S-25E	2080901.716	1828942.12	0.7						
2S-25S	2080901.677	1828860.471	1.3						
2S-26E	2080835.366	1828907.974	0.9						
2S-26S	2080833.642	1828825.119	0.4						

Sample ID	Northing	Easting	Horizontal					
oumpro 12		24019	Variance					
2S-27E	2080787.352	1828964.902	0.4					
2S-27S	2080787.627	1828882.569	0.3					
2S-28E	2081098.741	1828914.698	0.4					
2S-28S	2081097.334	1828832.507	0.3					
2S-29S	2080882.616	1828825.101	0.6					
2S-29E	2080884.42	1828906.623	0.4					
2S-30E	2080474.876	1828907.812	0.3					
2S-30S	2080473.778	1828825.719	0.3					
2S-31E	2080755.301	1828942.429	0.4					
2S-31S	2080753.902	1828858.4	0.4					
2S-32E	2080555.034	1828941.457	0.3					
2S-32S	2080553.459	1828860.271	0.4					
2S-33E	2080488.626	1828861.113	1.2					
2S-33S	2080487.971	1828779.781	0.3					
2S-34E	2080457.859	1828836.32	0.3					
2S-34S	2080455.651	1828754.198	0.3					
2S-35E	2080983.112	1828945.254	0.6					
2S-35S	2080982.894	1828861.981	0.5					
2S-36E	2081134,566	1829074.079	0.6					
2S-36S	2081128.67	1828993.305	1.5					
28-37E	2081002.661	1829060.315	1.8					
28-378	2080998.307	1828976.996	0.5					
25-38E	2080802.677	1828975.587	0.5					
28-38S	2080803.868	1828892.251	0.4					
28-39E	2080689.17	1828837.284	0.4					
25-395	2080687.63	1828755 478	0.4					
20 000 28-40F	2080522 542	1828836 362	0.1					
25-405	2080521.258	1828754 514	0.5					
20 400 28-41F	2080917 259	1828002 352	1 4					
25-415	2000317.200	1828008 848	1					
20-410 29-42F	2000310.100	1828002 800	0.3					
20-425	2000700.11	1828820 764	0.5					
20-420 29-43E	2000/03.001	1828800 82	0.4					
20-43L 29-43S	2000470.301	1828728 00	0.4					
20-400 20 11E	2000473.13	1020720.03	0.3					
20-442	2001002.403	1023013.000	0.4					
20-440	2001002.003	1020937.014	1.4					
20-400	2000753.400	1020043.400	0.0					
20-400	2000/00.009	1020/00.009	0.5					
20-400	2001140.010	1029000.020	1.1					
23-403	2081145.155	18289/4.203	0.8					
25-4/E	2080667.119	1828959.844	0.3					
25-475	2080671.31	1828877.854	0.4					
2S-48E	2080993.07	1828930.252	0.7					
2S-48S	2080990.864	1828847.592	0.8					

Sample ID	Northing	Fasting	Horizontal						
Campione	Northing	Lasting	Variance						
2S-49S	2080948.124	1828940.081	1.3						
2S-49E	2080948.273	1829024.508	1.4						
3N-1E	2080333.198	1828989.702	0.3						
3N-1S	2080332.489	1828907.081	0.3						
3N-2E	2080359.899	1829021.537	0.3						
3N-2S	2080359.019	1829051.532	0.3						
3N-3E	2080295.484	1829020.731	0.3						
3N-3S	2080296.009	1828938.218	0.3						
3N-4E	2080379.716	1829023.075	0.3						
3N-4S	2080379.242	1828940.713	0.4						
3N-5E	2080368.446	0.3							
3N-5S	2080366.973	0.3							
3N-6E	2080302.831	1829020.04	0.3						
3N-6S	2080302.205	1828937.905	0.3						
3N-7S	2080353.904	1828924.389	0.3						
3N-7E	2080352.329	1829005.723	0.3						
3N-8E	2080269.242	1829126.085	0.3						
3N-8S	2080268.95	1829044.46	0.3						
3N-9E	2080247.967	1829004.577	0.3						
3N-9S	2080247.588	1828922.841	0.3						
3N-10E	2080248.205	1829099.737	0.3						
3N-10S	2080247.942	1829017.218	0.3						
3N-11E	2080235.502	1829016.59	0.3						
3N-11S	2080234.79	1828934.6	0.3						
3N-12E	2080305.406	1828986.535	0.3						
3N-12S	2080307.119	1828904.589	0.3						
3N-13E	2080260.793	1829002.684	0.3						
3N-13S	2080260.026	1828920.538	0.3						
3N-14E	2080253.683	1828989.309	0.3						
3N-14S	2080254.422	1828907.447	0.3						
3N-15E	2080296.293	1829141.561	0.3						
3N-15S	2080295.366	1829059.762	0.3						
3N-16E	2080340.657	1829061.757	0.3						
3N-16S	2080340.978	1828979.626	0.3						
3N-17E	2080229.294	1829043.471	0.3						
3N-17S	2080228.986	1828962.051	0.3						
3N-18E	2080326.035	1829007.51	0.3						
3N-18S	2080327.952	1828926.451	0.3						
3N-19E	2080263.39	1829126.513	0.4						
3N-19S	2080262.954	1829044.821	0.3						
3N-20E	2080320.639	1828985.474	0.3						
3N-20S	2080319.658	1828903.657	0.3						
3N-21E	2080307.761	1829089.93	0.3						
3N-21S	2080306.73	1829007,769	0.3						

N-22E 2080202.388 1829082.657 0.3 3N-22S 2080202.392 1829000.831 0.3 3N-23E 2080373.909 1829087.573 0.3 3N-23E 2080372.587 1829005.289 0.3 3N-24E 2080275.427 1829052.16 0.3 3N-24E 2080275.722 1828969.84 0.3 3N-24S 2080322.16 182907.327 0.3 3N-25E 2080194.718 1829068.36 0.3 3N-26E 2080322.129 1829064.719 0.3 3N-26S 2080379.902 1829064.719 0.3 3N-27E 2080361.773 1829133.856 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-30E 2080208.611 1828993.299 0.3 3N-30E 2080208.611 1828932.99 0.3 3N-31E 2080385.294 182894.576 0.3 3N-32E 2080341.264 182907.4 0.4 3N-33E 2080341.264 1829018.262	Sample ID	Northing	Easting	Horizontal					
3N-22E 2080202.388 1829082.657 0.3 3N-22S 2080373.909 1829007.573 0.3 3N-23E 2080372.587 1829005.289 0.3 3N-24E 2080275.427 1829052.16 0.3 3N-24S 2080275.722 1829069.44 0.3 3N-24E 2080275.722 1829069.01 0.3 3N-25E 2080195.471 1829080.1227 0.3 3N-26E 2080322.216 182907.327 0.3 3N-27E 2080322.129 1829064.719 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-28E 2080236.101 182907.16 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 208028.011 182913.856 0.3 3N-30E 208028.011 182907.527 0.3 3N-31E 2080386.174 182903.299 0.3 3N-32E 2080341.264 1829044.445 0.4 3N-33E 2080365.378 1829036.826 <td< th=""><th></th><th></th><th></th><th>Variance</th></td<>				Variance					
3N-22S 2080202.392 1829007.573 0.3 3N-23E 2080373.909 1829087.573 0.3 3N-23S 2080372.587 182905.289 0.3 3N-24E 2080275.722 1828969.84 0.3 3N-24S 2080275.722 1828969.84 0.3 3N-25S 2080194.718 1829007.327 0.3 3N-25S 2080322.129 1829068.36 0.3 3N-26S 2080322.129 1829064.719 0.3 3N-27S 2080381.171 1829145.956 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 208028.611 1828932.99 0.3 3N-30E 2080208.664 1829075.257 0.3 3N-31E 2080385.294 1828904.559 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080314.726 1829006.829	3N-22E	2080202.388	1829082.657	0.3					
3N-23E 2080373.909 1829087.573 0.3 3N-23S 2080372.587 1829005.289 0.3 3N-24E 2080275.427 1829052.16 0.3 3N-24S 2080275.722 1828969.84 0.3 3N-24S 2080195.471 1829069.01 0.3 3N-25E 2080194.718 1829069.01 0.3 3N-26E 2080322.129 1829068.36 0.3 3N-26S 2080322.129 1829064.719 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080236.639 1829027.136 0.3 3N-28E 2080208.644 1829075.257 0.3 3N-30E 2080208.044 1828924.576 0.3 3N-31E 2080386.174 1828924.576 0.3 3N-32E 2080341.043 1829067.4 0.4 3N-33E 2080341.264 1829067.4 0.4 3N-33E 2080341.73 1829365.982 <td< td=""><td>3N-22S</td><td>2080202.392</td><td>1829000.831</td><td>0.3</td></td<>	3N-22S	2080202.392	1829000.831	0.3					
3N-23S 2080372.587 1829005.289 0.3 3N-24E 2080275.427 1829052.16 0.3 3N-24S 2080195.427 1829098.01 0.3 3N-25E 2080195.471 1829089.01 0.3 3N-25S 2080195.471 1829007.327 0.3 3N-26E 2080322.216 1829150.922 0.3 3N-26S 2080322.129 1829068.36 0.3 3N-27F 2080381.171 1829145.956 0.3 3N-27S 2080236.639 1829029.136 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30S 2080208.011 182893.299 0.3 3N-31E 2080385.294 1828906.4 0.4 3N-32E 2080341.043 1829149.445 0.4 3N-33E 2080364.733 1829036.826 0.3 3N-33E 2080364.733 1829036.826 0.3 3N-33E 2080341.044 1829006.74 <	3N-23E	2080373.909	1829087.573	0.3					
3N-24E 2080275.427 1829052.16 0.3 3N-24S 2080194.718 1829089.01 0.3 3N-25E 2080195.471 1829089.01 0.3 3N-25S 2080195.471 1829007.327 0.3 3N-26E 2080322.129 1829068.36 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-27E 2080379.902 1829064.719 0.3 3N-28E 2080236.101 1829111.299 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080208.64 1829075.257 0.3 3N-30E 2080208.011 182893.299 0.3 3N-31E 2080386.744 1829006.859 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32E 2080341.264 1829067.4 0.4 3N-32E 2080365.378 1829036.826 0.3 3N-33S 2080365.378 1829036.826 0.3 3N-34E 2080215.187 1829014.826 <	3N-23S	2080372.587	1829005.289	0.3					
3N-24S 2080275.722 1828969.84 0.3 3N-25E 2080194.718 1829089.01 0.3 3N-25S 2080195.471 1829007.327 0.3 3N-26E 2080322.216 1829150.922 0.3 3N-26S 2080322.129 1829068.36 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080208.611 1829133.856 0.3 3N-30E 2080208.6174 1829075.257 0.3 3N-30S 2080208.011 1828933.299 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-33S 2080365.378 1829067.4 0.4 3N-33E 2080361.73 1828904.576 0.3 3N-34E 2080361.73 1829067.4 0.4 3N-33S 2080361.78 1829066.82 <td< td=""><td>3N-24E</td><td>2080275.427</td><td>1829052.16</td><td>0.3</td></td<>	3N-24E	2080275.427	1829052.16	0.3					
3N-25E 2080194.718 1829089.01 0.3 3N-25S 2080195.471 1829007.327 0.3 3N-26E 2080322.216 1829150.922 0.3 3N-26S 2080322.129 1829068.36 0.3 3N-27E 2080379.902 1829064.719 0.3 3N-28E 2080236.101 1829111.299 0.3 3N-28E 2080235.639 1829029.136 0.3 3N-30E 2080208.011 1829133.856 0.3 3N-30E 2080208.011 1829075.257 0.3 3N-30S 2080208.011 182893.299 0.3 3N-31E 2080385.294 182907.4576 0.3 3N-32S 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-32S 2080341.264 182907.4 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-33S 2080364.733 182895.982 0.3 3N-34E 2080215.244 1829066.66 0	3N-24S	2080275.722	1828969.84	0.3					
3N-25S 2080195.471 1829007.327 0.3 3N-26E 2080322.216 1829150.922 0.3 3N-26S 2080321.129 1829068.36 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-27S 2080379.902 1829064.719 0.3 3N-28E 2080235.639 1829029.136 0.3 3N-28E 2080205.639 1829029.136 0.3 3N-28E 2080208.611 1829133.856 0.3 3N-30E 2080208.011 1829075.257 0.3 3N-30E 2080208.011 182903.299 0.3 3N-31E 2080386.174 182906.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829067.4 0.4 3N-32E 2080364.733 1828955.982 0.3 3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080215.244 182904.359 0.3 3N-34S 2080314.177 1829106.66	3N-25E	2080194.718	1829089.01	0.3					
3N-26E 2080322.216 1829150.922 0.3 3N-26S 2080322.129 1829068.36 0.3 3N-27E 2080381.171 1829064.719 0.3 3N-27S 2080379.902 1829064.719 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28S 2080236.639 1829029.136 0.3 3N-28E 2080209.664 1829075.257 0.3 3N-30E 2080208.011 182893.299 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.043 1829149.445 0.4 3N-33E 2080365.378 1829067.4 0.4 3N-33E 2080361.733 1828955.982 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35E 2080314.417 1828919.62 0.3 3S-1E 2080932.18 1829106.614	3N-25S	2080195.471	1829007.327	0.3					
3N-26S 2080322.129 1829068.36 0.3 3N-27E 2080381.171 1829145.956 0.3 3N-27S 2080379.902 1829064.719 0.3 3N-28E 2080236.101 1829113.299 0.3 3N-28E 2080235.639 1829029.136 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30E 2080208.011 182893.299 0.3 3N-30E 2080386.174 182906.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-32S 2080364.733 1828955.982 0.3 3N-34E 2080215.244 182904.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-34S 2080312.726 182900.882 0.3 3N-34E 2080915.63 182916.699 <t< td=""><td>3N-26E</td><td>2080322.216</td><td>1829150.922</td><td>0.3</td></t<>	3N-26E	2080322.216	1829150.922	0.3					
3N-27E 2080381.171 1829145.956 0.3 3N-27S 2080379.902 1829064.719 0.3 3N-28E 2080236.101 1829111.299 0.3 3N-28E 2080236.639 1829029.136 0.3 3N-28E 2080209.664 1829075.257 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30S 2080208.011 182893.299 0.3 3N-30S 2080385.294 1828924.576 0.3 3N-31S 2080385.294 182907.4 0.4 3N-32E 2080341.043 1829149.445 0.4 3N-32E 2080341.264 1829074.4 0.4 3N-33E 2080365.378 1829036.826 0.3 3N-34E 2080215.244 1829011.222 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-34S 2080215.187 1829011.222 0.3 3N-35S 2080312.726 1829086.699 0.3 3S-1E 2080990.66 1829086.699 <	3N-26S	2080322.129	1829068.36	0.3					
3N-27S 2080379.902 1829064.719 0.3 3N-28E 2080236.101 1829111.299 0.3 3N-28S 2080235.639 1829029.136 0.3 3N-28S 2080361.773 1829133.856 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30S 208028.011 182893.299 0.3 3N-31E 2080386.174 182906.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-33E 2080365.378 1829068.826 0.3 3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080215.187 1829013.220 0.3 3N-35E 2080312.726 182900.882 0.3 3N-35S 208031.417 1829168.766 0.3 3S-1E 208099.066 1829086.699 0.3 3S-2S 2080704.963 1829146.614 <td< td=""><td>3N-27E</td><td>2080381.171</td><td>0.3</td></td<>	3N-27E	2080381.171	0.3						
3N-28E 2080236.101 1829111.299 0.3 3N-28S 2080235.639 1829029.136 0.3 3N-29E 2080361.773 1829133.856 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30E 2080208.011 1828939.299 0.3 3N-30S 208028.011 1828993.299 0.3 3N-31E 2080386.174 1829006.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.264 1829067.4 0.4 3N-32S 2080341.264 1829036.826 0.3 3N-33E 2080365.378 1829036.826 0.3 3N-33E 2080361.726 1829004.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-35E 2080312.726 1829008.82 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080930.66 1829086.699 0.3 3S-2E 2080935.063 1829245.221 <	3N-27S	2080379.902	1829064.719	0.3					
3N-28S 2080235.639 1829029.136 0.3 3N-29E 2080361.773 1829133.856 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30S 2080208.011 1828993.299 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-31E 2080341.043 1829149.445 0.4 3N-32E 2080341.043 1829036.826 0.3 3N-32E 2080341.264 1829036.826 0.3 3N-32E 2080365.378 1829036.826 0.3 3N-33S 2080365.378 1829036.826 0.3 3N-33S 2080365.378 1829036.826 0.3 3N-34E 2080215.187 1829013.599 0.3 3N-34S 2080215.187 1829000.882 0.3 3N-35S 2080312.726 1829000.882 0.3 3N-35S 2080902.18 1829168.766 0.3 3S-1E 2080902.18 1829166.663 1.2 3S-3E 2080704.963 1829171.788	3N-28E	2080236.101	1829111.299	0.3					
3N-29E 2080361.773 1829133.856 0.3 3N-30E 2080209.664 1829075.257 0.3 3N-30S 2080208.011 1828993.299 0.3 3N-31E 2080386.174 1829006.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32E 2080341.264 1829067.4 0.4 3N-32E 2080365.378 1829036.826 0.3 3N-33E 2080365.378 1829036.826 0.3 3N-33E 2080361.733 1828955.982 0.3 3N-34E 2080215.244 1829094.359 0.3 3N-34S 2080215.187 1829011.222 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35S 2080312.726 1829016.699 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-2E 2080935.063 1829285.221 0.3 3S-3E 2080704.963 1829171.788	3N-28S	2080235.639	1829029.136	0.3					
3N-30E 2080209.664 1829075.257 0.3 3N-30S 208028.011 1828993.299 0.3 3N-31E 2080386.174 1829006.859 0.3 3N-31E 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080365.378 1829067.4 0.4 3N-33E 2080364.733 1828955.982 0.3 3N-34E 2080215.244 182904.359 0.3 3N-34E 2080312.726 1829000.882 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35E 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1S 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3E 208074.963 1829171.788 1.4 3S-3E 2080917.14 1829091.561 0.3	3N-29E	2080361.773	1829133.856	0.3					
3N-30S 2080208.011 1828993.299 0.3 3N-31E 2080386.174 1829006.859 0.3 3N-31S 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-32S 2080365.378 1829036.826 0.3 3N-33E 2080364.733 1828955.982 0.3 3N-34E 2080215.244 1829011.222 0.3 3N-34S 2080215.187 182901.822 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1E 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080917.14 1829171.788 1	3N-30E	2080209.664	1829075.257	0.3					
3N-31E 2080386.174 1829006.859 0.3 3N-31S 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-33E 2080365.378 1829036.826 0.3 3N-33E 2080364.733 1828955.982 0.3 3N-34E 2080215.244 1829094.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-34S 2080312.726 1829000.882 0.3 3N-35E 2080312.726 182900.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-2E 2080935.063 1829285.221 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-5E 2081065.729 1829171.052	3N-30S	2080208.011	1828993.299	0.3					
3N-31S 2080385.294 1828924.576 0.3 3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-33E 2080365.378 1829036.826 0.3 3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080215.244 1829094.359 0.3 3N-34E 2080215.187 182900.882 0.3 3N-35E 2080312.726 182900.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1S 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080705.377 1829064.663 1.2 3S-3E 2080705.333 1829171.788 1.4 3S-3E 2080705.333 1829253.146 0.3 3S-5E 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3	3N-31E	2080386.174	1829006.859	0.3					
3N-32E 2080341.043 1829149.445 0.4 3N-32S 2080341.264 1829067.4 0.4 3N-32S 2080365.378 1829036.826 0.3 3N-33E 2080364.733 1828955.982 0.3 3N-33S 2080215.244 1829094.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-355 2080314.417 1828919.62 0.3 3N-355 208092.18 1829168.766 0.3 3S-1E 2080992.18 1829168.766 0.3 3S-2E 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-4S 2080917.14 1829091.561 0.3 3S-5S 2081065.729 18292171.052 0.3	3N-31S	2080385.294	1828924.576	0.3					
3N-32S 2080341.264 1829067.4 0.4 3N-33E 2080365.378 1829036.826 0.3 3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080215.244 1829094.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-34S 2080312.726 1829000.882 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1S 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-4S 2081065.729 1829171.052 0.3 3S-5E 2081065.729 182924.458 0.3 3S-6E 2081031.509 1829294.458 0.3	3N-32E	2080341.043	1829149.445	0.4					
3N-33E 2080365.378 1829036.826 0.3 3N-33E 2080364.733 1828955.982 0.3 3N-33S 2080215.244 1829094.359 0.3 3N-34E 2080215.187 1829011.222 0.3 3N-34S 2080312.726 1829000.882 0.3 3N-35E 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1E 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3E 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-5E 2081065.333 1829253.146 0.3 3S-5E 2081065.729 1829171.052 0.3 3S-6E 2081032.962 182924.458 0.3 3S-6E 2081032.962 182924.458 0.3 3S-6E 2081031.509 1829212.92 0.3 </td <td>3N-32S</td> <td>2080341.264</td> <td>1829067.4</td> <td>0.4</td>	3N-32S	2080341.264	1829067.4	0.4					
3N-33S 2080364.733 1828955.982 0.3 3N-34E 2080215.244 1829094.359 0.3 3N-34S 2080215.187 1829011.222 0.3 3N-34S 2080312.726 1829000.882 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1E 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3E 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-5E 2081065.729 1829171.052 0.3 3S-5S 2081065.729 182924.458 0.3 3S-6E 2081032.962 1829212.92 0.3 3S-6E 2081031.509 1829212.92 0.3 3S-6S 2081031.509 1829214.458 0.5 </td <td>3N-33E</td> <td>2080365.378</td> <td>1829036.826</td> <td>0.3</td>	3N-33E	2080365.378	1829036.826	0.3					
3N-34E2080215.2441829094.3590.33N-34S2080215.1871829011.2220.33N-35E2080312.7261829000.8820.33N-35S2080314.4171828919.620.33S-1E2080902.181829168.7660.33S-1E208099.0661829086.6990.33S-2E2080935.0631829285.2210.33S-3E2080704.9631829146.6140.43S-3E2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-5E2081065.3331829253.1460.33S-5E2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E208038.6011829306.3320.53S-8E208018.1881829224.4110.33S-8E208019.7911829305.9030.53S-9E2081081.8111829206.6680.3	3N-33S	2080364.733	1828955.982	0.3					
3N-34S 2080215.187 1829011.222 0.3 3N-35E 2080312.726 1829000.882 0.3 3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1E 2080990.66 1829086.699 0.3 3S-1S 2080935.063 1829285.221 0.3 3S-2E 2080934.309 1829203.491 0.3 3S-3E 2080704.963 1829146.614 0.4 3S-3E 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-4E 2080917.14 1829091.561 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5	3N-34E	2080215.244	1829094.359	0.3					
3N-35E2080312.7261829000.8820.33N-35S2080314.4171828919.620.33S-1E2080902.181829168.7660.33S-1S2080899.0661829086.6990.33S-2E2080935.0631829285.2210.33S-2S2080934.3091829203.4910.33S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-5E2081065.3331829253.1460.33S-5E2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E2080838.6011829306.3320.53S-8E2080918.1881829224.4110.33S-8E2080919.7911829305.9030.53S-9E2081081.8111829206.6680.3	3N-34S	2080215.187	1829011.222	0.3					
3N-35S 2080314.417 1828919.62 0.3 3S-1E 2080902.18 1829168.766 0.3 3S-1S 2080899.066 1829086.699 0.3 3S-2E 2080935.063 1829285.221 0.3 3S-3E 2080704.963 1829203.491 0.3 3S-3E 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-4E 2080917.14 1829091.561 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3N-35E	2080312.726	1829000.882	0.3					
3S-1E2080902.181829168.7660.33S-1S2080899.0661829086.6990.33S-2E2080935.0631829285.2210.33S-2S2080934.3091829203.4910.33S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-4E2080916.4861829171.7881.43S-5E2081065.3331829253.1460.33S-5S2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E2080838.6011829306.3320.53S-8E2080918.1881829224.4110.33S-9E2081081.8111829206.6680.3	3N-35S	2080314.417	1828919.62	0.3					
3S-1S2080899.0661829086.6990.33S-2E2080935.0631829285.2210.33S-2S2080934.3091829203.4910.33S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-4E2080917.141829091.5610.33S-5E2081065.3331829253.1460.33S-5E2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E2080838.6011829306.3320.53S-8S2080918.1881829224.4110.33S-9E2081081.8111829305.9030.53S-9E2081081.8111829206.6680.3	3S-1E	2080902.18	1829168.766	0.3					
3S-2E2080935.0631829285.2210.33S-2S2080934.3091829203.4910.33S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-4S2080917.141829091.5610.33S-5E2081065.3331829253.1460.33S-5S2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E2080838.6011829306.3320.53S-8S2080918.1881829224.4110.33S-9E2081081.8111829305.9030.53S-9E2081081.8111829206.6680.3	3S-1S	2080899.066	1829086.699	0.3					
3S-2S2080934.3091829203.4910.33S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-4S2080917.141829091.5610.33S-5E2081065.3331829253.1460.33S-5S2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-7E2080838.6011829306.3320.53S-8S2080918.1881829224.4110.33S-9E2081081.8111829305.9030.53S-9E2081081.8111829206.6680.3	3S-2E	2080935.063	1829285.221	0.3					
3S-3E2080704.9631829146.6140.43S-3S2080705.3771829064.6631.23S-4E2080916.4861829171.7881.43S-4E2080917.141829091.5610.33S-5E2081065.3331829253.1460.33S-5S2081065.7291829171.0520.33S-6E2081032.9621829294.4580.33S-6S2081031.5091829212.920.33S-7E2080838.6011829306.3320.53S-8E2080919.7911829305.9030.53S-9E2081081.8111829206.6680.3	3S-2S	2080934.309	1829203.491	0.3					
3S-3S 2080705.377 1829064.663 1.2 3S-4E 2080916.486 1829171.788 1.4 3S-4E 2080917.14 1829091.561 0.3 3S-5E 2081065.333 1829253.146 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-9E 2081081.811 1829305.903 0.5	3S-3E	2080704.963	1829146.614	0.4					
3S-4E 2080916.486 1829171.788 1.4 3S-4S 2080917.14 1829091.561 0.3 3S-5E 2081065.333 1829253.146 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-9E 2081081.811 1829305.903 0.5	3S-3S	2080705.377	1829064.663	1.2					
3S-4S 2080917.14 1829091.561 0.3 3S-5E 2081065.333 1829253.146 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-9E 2081081.811 1829305.903 0.5	3S-4E	2080916.486	1829171.788	1.4					
3S-5E 2081065.333 1829253.146 0.3 3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-9E 2081081.811 1829305.903 0.5	3S-4S	2080917.14	1829091.561	0.3					
3S-5S 2081065.729 1829171.052 0.3 3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-5E	2081065.333	1829253.146	0.3					
3S-6E 2081032.962 1829294.458 0.3 3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-5S	2081065.729	1829171.052	0.3					
3S-6S 2081031.509 1829212.92 0.3 3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-6E	2081032.962	1829294.458	0.3					
3S-7E 2080838.601 1829306.332 0.5 3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-6S	2081031.509	1829212.92	0.3					
3S-8S 2080918.188 1829224.411 0.3 3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-7E	2080838.601	1829306.332	0.5					
3S-8E 2080919.791 1829305.903 0.5 3S-9E 2081081.811 1829206.668 0.3	3S-8S	2080918,188	1829224.411	0.3					
3S-9E 2081081.811 1829206.668 0.3	3S-8E	2080919.791	1829305.903	0.5					
	3S-9E	2081081.811	1829206.668	0.3					
3S-9S I 2081080.342 I 1829124.52 I 0.4	35-95	2081080.342	1829124.52	0.4					

Sample ID	Northing	Easting	Horizontal						
			Variance						
3S-10E	2080786.22	1829232.245	0.3						
38-108	2080788.146	1829150.315	0.3						
3S-11E	2080703.968	1829313.135	1.3						
3S-11S	2080704.198	1829230.457	0.4						
3S-12E	2080721.749	1829291.293	0.4						
3S-12S	2080721.059	1829209.03	0.5						
3S-13E	2080952.003	1829272.951	0.4						
3S-13S	2080952.871	1829191.964	1.3						
3S-14E	2080887.275	0.3							
3S-14S	2080885.387	0.3							
3S-15E	2080805.977	0.4							
3S-15S	2080804.896	1829212.087	0.3						
3S-16E	2080904.115	1829268.969	0.3						
3S-16S	2080901.727	1829187.274	0.3						
3S-17E	2081163.106	1829194.378	0.3						
3S-17S	2081162.271	1829111.59	0.3						
3S-18E	2080689.223	1829318.473	0.8						
3S-18S	2080690.067	1829236.504	0.5						
3S-19E	2080852.572	1829301.888	0.3						
3S-19S	2080853.093	1829219.911	0.3						
3S-20E	2080671.729	1829227.47	0.3						
3S-20S	2080671.411	1829146.038	0.3						
3S-21E	2081195.847	1829192.345	0.3						
3S-21S	2081194.649	1829110.202	0.3						
3S-22E	2080556.036	1829074.001	0.4						
3S-22S	2080552.65	1828991.868	0.3						
3S-23E	2080572.539	1829212.482	0.3						
3S-23S	2080571.742	1829131.132	0.8						
3S-24S	2080868,682	1829175,339	0.5						
3S-24E	2080866,576	1829260,654	2						
3S-25E	2081002.435	1829241.345	1.6						
3S-25S	2081000.294	1829160.083	0.3						
3S-26E	2080540,187	1829244 741	0.3						
38-268	2080539,787	1829162.883	0.3						
3S-27F	2080655 466	1829239 986	0.0						
38-278	2080655 028	1829157 349	0.3						
38-28F	2080639 018	1820189 331	0.0						
35-285	20000001010	1820107 527	0.1						
38-29F	2000000.000	1820106 053	0.7						
35-295	2000007.120	1820030 586	0.7						
30-230 39-30E	2000000.102	122000.000	0.5						
30-30⊾ 2€ 30€	2000753.325	1023024.217	0.0						
20-303 20 21E	2000704.009	1029240.430	0.4						
33-31E	2001114.29	1029204.170	0.3						
38-318	2081113.178	1829172.293	0.3						

Sample ID	Northing	Easting	Horizontal Variance						
3S-32E	2080522.938	1829081.783	0.3						
3S-32S	2080521.401	1828999.776	0.3						
3S-33E	2080968.378	1829197.564	0.5						
3S-33S	2080963.727	1829115.475	1.8						
3S-34E	2080605.761	1829271.75	0.4						
3S-34S	2080606.841	1829189.204	0.7						
3S-35E	2080754.386	1829225.14	0.5						
3S-36E	2080819.623	1829138.7	0.3						
3S-36S	2080818.599	1829057.01	0.3						
3S-37E	2080623.017	1829121.401	0.8						
3S-37S	2080620.316	1829039.027	0.3						
3S-38E	2080804.859	1829169.446	0.5						
3S-38S	2080803.885	1829086.837	0.3						
3S-39E	2080622.809	1829284.724	0.3						
3S-39S	2080624.665	1829203.509	0.3						
3S-40E	2080771.547	1829142.273	0.4						
3S-40S	2080769.336	1829060.384	0.3						
3S-41E	2080588.762	1829131.005	0.4						
3S-41S	2080587.528	1829048.884	0.4						



Table D-1 COVER DATA FROM 2014 VEGETATION MONITORING TRANSECTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

3-foot Cover Solar Area (3S)	1	2	3	4	5 6	6 7	8	9 10	11	12 1	3 14	15	16 17	18	19 20	21 3	22 23	24 2	5 26	27	28 2	9 30	31 3	2 33	34 3	5 36	37	38 39	40	41 4	2 43	44 4	5 46	47 4	8 49	SUM N	IEAN V	AR SD	SE	Sample Adequacy
Number of Points pe	Transed	ct (50 Point	t Transec	t)			<u> </u>		_11	I		-11	I								1						1 1													
Grass points		9 7	11	4	5	8 5	5 5	6	5 11	7	4 1	1 3	9	5 9	5	9 1	2 8	7	10 1	1 7	10	9 8	5	10 8	12	12 11	9	13 7	10	9						317	7.73			
Shrub Points		5 <u>2</u> 1 1	0	1	1	0 0	0 0	0	0 2	2	0 0	0 0	0	0 0	1	6 <u>2</u> 1 0	0 0	0	0	2 0	0	0 0	0	2 4	0	0 0	0	0 0	0	0						136	0.29			
All Vegetation Points	1	5 10	13	11	9	13 10	8	9	8 16	12	8 14	4 4	13	5 9	12 1	6 3	10 9	14	14 1	7 18	10	10 11	10	12 12	12	14 18	9	15 8	12	12						465	11.34			
Rock Litter		0 1 3 1	0	5	0	7 4	4 3 4 8	3	1 2 0 3	1	6 2	2 0	1	2 2	3	6 3 8 0	1 1	1	2	3 1 3 4	0	0 3 5 2	2	0 1 5 0	4	0 2	5	1 1 6 1	0	0						66 125	1.61 3.05			
Other		0 0	0	0	0	0 0	0 0	0	0 0	2	0 0	0 0	0	0 0	0	0 0	0 0	0	0	0 0	0	0 0	2	0 0	0	0 0	0	0 0	0	0						4	0.10			
Bare ground Total Non-Vegetation	3	32 38	36	31	40	29 32	2 31	34 4	1 29	35	32 32	2 45	31 4	43 36	34 2	20 44	38 36	30	31 2	/ 2/	39	35 34	32	33 37	26	36 25	36	28 40	38	37						1390	33.90			
Points	3	40	37	39	41	37 40	42	41 4	2 34	38	42 36	6 46	37 4	45 41	38 3	34 47	40 41	36	36 3	3 32	40	40 39	40	38 38	38	36 32	41	35 42	38	38						1585	38.66			
Grass Cover (%)	1	8 14	22	8	10	16 10	10	12 1	0 22	14	8 2	2 6	18 1	10 18	10 1	8 2	4 16	14	20 2	2 14	20	18 16	10	20 16	24	24 22	18	26 14	20	18	-		1 1			634	15.46	33.60 5.8	30 0.91	
Forb Cover (%)	1	0 4	4	12	6	10 10	6	6	6 6	6	8 6	6 2	8	0 0	12 1	12 4	16 2	14	8	8 22	0	2 6	10	4 8	0	4 14	0	4 2	4	6						272	6.63 2	23.29 4.8	33 0.75	()
Shrub Cover (%)	3	2 2	0	2	2	0 (0 0	0	0 4 6 32	4 24	0 0	0 0	0 26 1	0 0	2	2 0	0 0	0	0 28 3	4 0	0	0 0	0	0 0	0	0 0	0	0 0	0 24	0	_					24 930	0.59	1.45 1.2	20 0.19	26 30
Total Perennial Cover	2	20 18	20	18	12	16 13	2 10	14 1	0 26	24	12 20	4 6	18 1	10 18	18 3	20 6	8 16	16	20 2	- 1 6	20	18 16	12	22 16	24	20 30	18	26 16	24	24						716	17.46	30.80 5.6	55 0.87	28.64
Total Annual/Biennial	1	0 2	0	4	6	10 8	3 6	4	6 6	4	4 4	4 2	8	0 0	6 1	2 0	12 2	12	8	8 20	0	2 6	8	2 8	0	4 12	0	4 0	0	4						214	5.22	20.18 4.4	49 0.70	20.01
Rock Cover (%)		0 2	0	10	0	2 8	8 6	6	2 4	2	8 4	4 0	2	4 4	2 1	6 0	2 2	2	6	6 2	0	0 6	4	0 2	8	0 4	0	2 2	0	0						132	3.22			
Other Cover %)		0 0	0	0	0	0 0	0 0	0	0 0	4	0 (0 0	0	0 0	0	0 0	0 0	0	0	0 0	0	0 0	4	0 0	0	0 0	0	0 0	0	0						8	0.20			
Bare ground (%)	6	4 76	72	62	80	58 64	62	68 8	2 58	70	64 64	4 90	62 8	36 72	68 4	10 88	76 72	60	62 5	4 54	78	70 68	64	66 74	52	72 50	72	56 80	76	74						2780	67.80			
Disturbance	- '	0 80	74	70	02	74 80	04	02 0	4 00	70	04 77	2 92	74 3	00 02	70 0	50 54	0 0	72	72 0	0 04	00	00 70	00	70 70	70	72 04	02	70 04	76	70						3008	13.31			
Informal roads (%)		0 12	0	0	14	0 0) 4	0 1	2 18	0	14 (0 12	0	0 22	0	0 0	0 0	0	14 1	2 0	0	0 12	14	0 0	12	0 0	0	0 0	0	0						172	4.20			
Mowed (%)		0 0	30	20	0	0 30	0	26 2	4 44	0	0 0	0 0	0	0 46	0	0 0	14 28	40	0 1	6 20	0	20 36	0	12 38	24	0 0	18	14 22	0	0						522	12.73			I
2-foot Cover Solar Area (2S)	1	2	3	4	5 6	67	8	9 10	11	12 1	3 14	15	16 17	18	19 20	21 2	22 23	24 2	5 26	27	28 2	9 30	31 3	2 33	34 3	5 36	37	38 39	40	41 4	2 43	44 4	5 46	47 4	8 49	SUM N	IEAN V	AR SD	SE	Sample Adequacy
Number of Points per	Transe	ct (50 Point	t Transec	t)		-1 -		-			-	<u> </u>	-			4			-		-	<u> </u>											<u> </u>							
Grass Points Forb Points	1	0 6	1	11 6	14 4	3 1	3	3 1	1 13 7 1	3	3 8	9 1 8 5	0	2 10 3 12	4	4 8 9 6	9 4 4 3	3	3 1	2 10 3 7	2	6 4 6 2	9	7 5 1 9	4	4 6 3 3	2	1 5	4	12	4 / 7 1	3	6 1 6 2	3	3 3	310 203	6.33 4.14			
Shrub Points		0 1	0	0	0	0 (0 0	0	0 0	0	0 (0 0	0	0 0	1	0 0	0 1	0	0	0 0	0	0 0	0	0 1	0	0 0	0	0 0	0	0	0 0	0	1 0	0	0 0	5	0.10			
All Vegetation Points	1	1 18	8	17	18	10 8	3 14 0 4	6 1	8 14	10	11 1	7 6	0	5 22	12 1	3 14	13 8	7	7 1	5 17	9	12 6	13	8 15	8	7 9	7	8 9	7	16	11 8	8	13 3	10	6 6	518 88	10.57			
Litter		4 2	3	7	6	4 0) 7	0	8 7	5	0 0	0 0	0	2 1	8	6 6	4 1	1	0	1 1	1	4 1	0	4 4	0	2 2	0	6 1	3	4	5 4	2	2 1	6	0 0	136	2.78			
Other Bare ground	3	0 0	0	0	0	0 0	0 0	0 20 2	0 0	0	0 (0 0	0	0 0	2	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	2 0	0	0	0 0	0	0 0	0	0 0	4	0.08			
Total Non Veg Points	3	9 32	42	33	32	40 42	2 36	44 3	2 36	40	39 33	3 44	50 4	45 28	38 3	37 36	37 42	43	43 3	5 33	40	38 44	37	42 35	40	43 41	43	42 41	43	34	39 42	42	37 47	40	44 44	1932	39.43			
Percent Cover		10	44	22	20	44 44		0 0	0 00	44	40 44		0	4 20	44	0 40	40 0	c	c 0	4 00	4	40 0	40	44 40	0	0 40	10	44 0	0	24	0 44	c	40 0	44	c	620	40.05	40.00	70 0.07	
Forb Cover (%)	2	2 22	2	12	28	6 2	2 6	6 1	4 2	6	6 16	6 10	0	4 20 6 24	8 1	8 16	8 6	8	8	4 20 6 14	4 14	12 8	8	2 18	8	6 6	4	2 10	6	24 8	14 2	10	12 2	6	6 6	406	8.29 2	28.17 5.3	31 0.76	
Shrub Cover (%)		0 2	0	0	0	0 0	0 0	0	0 0	0	0 (0 0	0	0 0	2	0 0	0 2	0	0	0 0	0	0 0	0	0 2	0	0 0	0	0 0	0	0	0 0	0	2 0	0	0 0	10	0.20	0.37 0.6	0.09	54.40
Total Veg Cover Total Perennial Cover	2	2 36	16	22	28	18 14	28	8 2	4 26	20	18 20	4 12 0 4	0	6 20	16 1	20 28 10 18	20 10	6	14 3 6 2	0 34 6 24	4	14 8	20	16 30	10	14 18 8 16	14	10 10	14	32 26	8 16	8	26 6 16 4	20 14	8 6	694	14.16	49.14 7.0	01 1.00	51.46 68.89
Total Annual/Biennial		2 18	0	12	8	2 2	2 6	4 1	2 2	4	4 14	4 8	0	4 24	8 1	16 10	4 6	8	8	4 10	14	10 4	6	2 14	6	6 2	4	2 10	6	6	14 0	8	10 2	6	4 6	342	6.98	25.52 5.0	0.72	
Rock Litter		6 4 8 4	10	2 14	0 12	2 0) 8) 14	10	0 2 6 14	2	12 4	4 0 0 0	0	8 6	10 16 1	6 6 2 12	2 0 8 2	4	2	2 2 2	0	0 4 8 2	4	0 0 8 8	4	6 4 4 4	6	4 0 12 2	4	2	2 0	0	2 8 4 2	8 12	4 4	176 272	3.59 5.55			
Other		0 0	0	0	0	0 0	0 0	0	0 0	0	0 (0 0	0	0 0	4	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	4 0	0	0	0 0	0	0 0	0	0 0	8	0.16			
Bare ground Total Non Veg Cover	6	64 56 78 64	68 84	50 66	52 64	70 84	50 72	78 4 88 6	8 56 4 72	68 80	66 62 78 66	2 88 6 88	100 1	78 48 30 56	46 5	54 74 72	64 82 74 84	80 86	84 6 86 7	6 62 0 66	80 82	68 82 76 88	70	76 62 84 70	80 84	76 74	80	64 80 84 82	76	58 68	66 76 78 84	80 84	68 84 74 94	60 80	84 84 88 88	3408 3864	69.55 78.86			
Disturbance									·····							· ·-														1				1						
Informal roads (%) Mowed (%)	1	0 0	0	0	0	0 0	0 0	0 2	0 0	0	0 0	0 0	0	0 0	0 1	0 0	0 0	0	0 1	0 4	0	0 0	0	0 0	0	100 0	0	0 0	0	0	0 0	0	0 0	0	0 0	104	2.12			
monod (76)		0	20			0	. 0	0 2	.0 0	00	0	0 20	0	0 10	0	0	10 10	ŭ	о .	0 21	0	0	Ŭ	0 10	0	0 01	01	. 0	5	0	10 0	5	0	Ũ	0	002	1.00			
1-foot Cover Solar Area (1S)	1	2	3	4	5 6	67	8	9 10	11	12 1	3 14	15	16 17	18	19 20	21 2	2 23	24 2	5 26	27	28 2	9 30	31 3	2 33	34 3	5 36	37	38 39	40	41 4	2 43	44 4	5 46	47 4	8 49	SUM N	IEAN V	AR SD	SE	Sample Adequacy
Number of Points per	Transed	5 0 Point	t Transec	t) 2	4	7		7	7 2	3	7 4		1	5 =	2	3 3	3 7	6	5	7 3	7	7 0	4	0 5	2	5 0	4	2 7	e	4	5 5	0	1 4	11	2 2	212	4 33			
Forb Points	1	2 2	5 7	2 12	4	1 11	4	5	6 4	6	6 2	2 3	10	4 2	2	4 4	3 / 4 5	3	2	, 3 5 7	2	6 0	9	2 4	2	4 12	2	2 7	с 8	4	7 9	° 7	4 11	1	5 12	212	4.33		+ -	
Shrub Points		0 0	0	0	0	0 0	0 0	0	0 0	0	1 (0 0	0	0 0	1	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	2	0.04			
All vegetation Points		7 5	12	14	5	8 16	8	12 1	3 6	9	14 2	2 12	11	9 7	5	7 7	7 12	9	7 1	2 10	9	13 2	13	2 9	5	9 14	3	5 12	13	9	12 14	15	5 15	12	7 14	458	9.35			
Litter		3 6	2	1	5	10 2	2 0	4	2 4 4 1	0	4 2	2 2	4	7 0	0	4 0 1 1	1 6	6	8	4 4	5	2 0	3	0 1	2	3 1	1	0 2	0	4	2 1	2	2 2	6	5 4	133	2.71			
Other	2	0 0	0	0	0	2 (0 0	0	2 0	0	0	1 0	0	4 0	2	0 0	0 0	0	3	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	2 0	16	0.33			ļ
Total Non-Vegetation	4	3 45	34	36	45	42 34	42	38 3	9 39 7 44	41	36 48	2 34 8 38	39 4	41 43	45 4	42	42 31	41	43 3	4 35 8 40	41	37 48	34	48 41	43	41 36	40	45 34	37	41	38 36	32	43 32	38	43 36	1992	40.65			
Percent Cover	-																																							
Grass Cover (%) Forb Cover (%)	1	0 6 4 4	10 14	4 24	8	14 10	8	14 1 10 1	4 4	6 12	14 (0 18 4 6	2 1	10 10 8 4	4	6 6 8 8	6 14 8 10	12	10 1 4 1	4 6 0 14	14	14 4 12 0	8	0 10 4 8	6	10 4 8 24	2	4 14 6 10	10 16	8 10	10 10 14 18	16 14	2 8 8 22	22	4 4	424 488	8.65 2 9.96 4	23.23 4.8 40.75 6.3	32 0.69 38 0.91	
Shrub Cover (%)		0 0	0	0	0	0 0	0 0	0	0 0	0	2 (0 0	0	0 0	2	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0	4	0.08	0.16 0.4	40 0.06	
Total Veg Cover	1	4 10	24	28	10 °	16 32	2 16	24 2	6 12	18	28 4	4 24	22 1	18 14	10 1 6	4 14	14 24 6 14	18	14 2	4 20	18	26 4	26	4 18	10	18 28	6	10 24	26	18	24 28	30	10 30	24	14 28	916	18.69	58.26 7.6	1.09	46.88
Total Annual/Biennial		2 4	14	24	2	0 22	2 8	10	8 8	10	10 4	4 6	20	8 4	4	8 8	8 10	6	0 1	0 14	4	<u>20</u> 4 6 0	18	4 8	4	8 24	4	4 14 6 10	16	10	12 10	14	8 20	2	10 22	400	9.39	40.87 6.3	39 0.91	91.22
Rock	1	0 2	4	2	8	4 2	2 0	0	4 8	0	6 6	6 4	8	8 0	14	8 0	0 2	2	6	0 2	0	6 0	0	4 6	0	6 2	0	0 4	0	0	0 4	2	0 2	2	4 0	152	3.10			
Other		0 0	4	∠ 0	0	4 (0	4 0	0	0 2	4 2 0	0	8 0	4	0 0	2 12	0	6	0 0	0	4 0 0 0	0	0 0	4	0 0	0	0 4	0	0	4 2	4	4 4	0	4 0	200 32	0.65			
Bare ground	7	70 76	68	68	72	56 62	2 84	68 5	8 78	82	58 84	4 68	68 5	52 86	72 7	76 84	84 62	68	58 6	8 70	72	64 96	68	92 74	86	70 68	92	90 68	74	74	72 66	64	86 64	62	68 64	3534	72.12			
Disturbance	8	90 90	/6	72	90	64 68	84	76 7	4 88	82	72 96	0 /6	/8 8	o∠ 86	90 8	86	db /6	82	db 7	080	82	74 96	(4	96 82	90	62 72	94	90 76	/4	82	/6 72	70	90 70	76	00 /2	3984	01.31			
Informal roads (%)		0 0	0	0	0	22 (0 0	0	0 0	0	12 (0 0	0	0 0	0	0 0	0 0	0	0	0 0	28	16 0	0	0 0	0	0 0	0	0 0	0	22	0 0	0	0 0	0	0 0	100	2.04			
Mowed (%)	1	0 0	0	0	0	0 0	0 0	0	0 0	0	0 0	0 0	8	0 0	0	0 0	0 0	0	6	0 0	0	0 0	0	0 0	16	16 0	0	0 0	0	0	10 0	0	0 0	16	16 20	108	2.20			

Table D-1 COVER DATA FROM 2014 VEGETATION MONITORING TRANSECTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

| 3-foot Cover Non- | 1 2

 | 3 4 | 5 | 6 7
 | 8 9 | 10

 | 11 | 12 13
 | 14 15 | 5 16
 | 17 18

 | 19 20 | 21 2
 | 22 23 | 24 25
 | 26 27 | 28 29
 | 30 31 3
 | 2 33 3 | 4 35 | |
 | | | | | SUM MEAN | VAR | D SE
 | ample |
--
--|--|--
--
---|--
--
---|---
--
--|---
--
--
--
--|--
--
---|---|---
--

--|---|--
---|--|---|--
---|--|--|--|--|--|
| Solar Area (3N) |

 | | |
 | |

 | |
 | |
 |

 | |
 | |
 | |
 |
 | | | |
 | | | | | | | A
 | lequacy |
| Number of Points per Tra | insect (50 Point

 | Transect) | 12 4 | 7 14
 | 0 1 | 2 0

 | 0 | 12 12
 | | 16 12
 | 15

 | 12 11 | 12 0
 | 10 0 | 6 0
 | 2 2 | 10 5
 | 12 11
 | 0 | 11 14 | <u> </u> |
 | | | | | 262 10.2 | 7 |
 | |
| Forb Points | 0 0

 | 0 | 1 8 | 0 1
 | 2 | 0 3

 | 9 | 0 0
 | 2 | 0 0
 | 15

 | 1 1 | 0 0
 | 2 3 | 2 2
 | 9 3 | 3 10
 | 0 1
 | 4 1 | 0 1 | |
 | - 1 - 1 | | | | 61 1.7 | 4 |
 | |
| Shrub Points | 0 0

 | 0 | 0 0 | 0 1
 | 0 | 0 0

 | 0 | 0 0
 | 0 | 0 0
 | 1

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 1 1
 | 0 0
 | 0 0 | 1 0 | |
 | | | | | 5 0.1 | 4 |
 | |
| All Vegetation Points | 16 17

 | 11 | 14 12 | 7 16
 | 11 1 | 3 12

 | 9 | 12 12
 | 11 | 16 12
 | 17 ⁻

 | 13 12 ' | 13 9
 | 12 12 | 8 11
 | 12 6 | 14 16
 | 12 12
 | 12 10 | 12 15 | |
 | | | | | 429 12.2 | 6 |
 | |
| Rock | 0 0

 | 0 | 0 3 | 2 2
 | 2 | 1 1

 | 1 | 1 1
 | 0 | 5 3
 | 0

 | 3 2 | 0 1
 | 0 3 | 1 0
 | 2 5 | 2 3
 | 1 1
 | 4 0 | 2 0 | |
 | | | | | 52 1.4 | 9 |
 | |
| Other | 4 2

 | 2 | 0 0 | 0 0
 | 4 | 3 4
0 0

 | 2 | 2 4
 | 0 | 0 0
 | 0

 | 2 6 | 0 0
 | 5 <u>2</u> | 4 11
 | 2 2 | 0 0
 | 0 0
 | 0 0 | 4 7 | |
 | | | | | 0 0.0 | 9 |
 | |
| Bare ground | 30 31

 | 37 | 31 33 | 38 25
 | 33 3 | 3 33

 | 38 | 35 33
 | 38 | 24 34
 | 33 3

 | 32 30 3 | 30 39
 | 33 33 | 37 28
 | 34 37 | 29 28
 | 36 33
 | 34 40 | 32 28 | |
 | | | | | 1152 32.9 | 1 |
 | |
| Total Non-Vegetation | 34 33

 | 39 | 36 38 | 43 34
 | 39 3 | 7 38

 | 41 | 38 38
 | 39 | 34 38
 | 33 3

 | 37 38 3 | 37 41
 | 38 38 | 42 39
 | 38 44 | 36 34
 | 38 38
 | 38 40 | 38 35 | |
 | | | | | 1321 37.7 | 4 |
 | |
| Percent Cover | 00 04

 | 00 | 00 0 | 44 00
 | 40 0 | 0 10

 | 40 | 04 04
 | 40 | 00 04
 | 00

 | | 00 40
 | 00 40 | 10 10
 | | 00 40
 | 0.4
 | 10 10 | | <u> </u> | - T - T
 | | _ | | - T - T |
700 00 7 | 1 10 10 | 7.00 4.40
 | |
| Forb Cover (%) | 32 34

 | 0 | 26 8 | 14 28
 | 18 2 | 0 6

 | 18 | 24 24
 | 18 | 32 24
 | 2 2

 | 24 22 2 | 26 18
 | 20 18 | 12 18
 | 18 6 | 20 10
6 20
 | 24 22
 | 16 18
8 2 | 22 28 | |
 | | | | | 122 3.4 | 4 49.43 | 7.03 1.19
 | |
| Shrub Cover (%) | 0 0

 | 0 | 0 0 | 0 2
 | 0 | 0 0

 | 0 | 0 0
 | 0 | 0 0
 | 2

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 2 2
 | 0 0
 | 0 0 | 2 0 | |
 | | | | | 10 0.2 | 9 0.50 | 0.71 0.12
 | |
| Total Veg Cover | 32 34

 | 22 | 28 24 | 14 32
 | 22 2 | 6 24

 | 18 | 24 24
 | 22 | 32 24
 | 34 2

 | 26 24 2 | 26 18
 | 24 24 | 16 22
 | 24 12 | 28 32
 | 24 24
 | 24 20 | 24 30 | |
 | | | | | 858 24.5 | 1 27.61 | 5.25 0.89
 | 13.14 |
| Total Perennial Cover | 32 34

 | 22 | 28 8 | 14 30
 | 20 2 | 6 18

 | 18 | 24 24
 | 18 | 32 24
 | 32 2

 | 26 22 2 | 26 18
 | 20 18 | 12 18
 | 6 6 | 22 12
 | 24 22
 | 18 18 | 24 28 | |
 | | | | | 744 21.2 | 6 51.08 | 7.15 1.21
 | 32.32 |
| Total Annual/Biennial | 0 0

 | 0 | 0 16 | 0 2
 | 2 | 0 b

 | 0 | 2 2
 | 4 | 10 6
 | 2

 | 6 4 | 0 0
 | 4 6 | 4 4
 | 18 6 | 6 20
 | 2 2
 | 6 2
8 0 | 0 2 | |
 | | | | | 114 3.2 | 5 25.90 | 5.09 0.86
 | |
| Litter | 8 4

 | 4 | 10 4 | 6 14
 | 8 | 6 8

 | 4 | 4 8
 | 2 | 10 0
 | 0

 | 4 12 1 | 14 2
 | 10 4 | 8 22
 | 4 10 | 10 6
 | 2 8
 | 0 0 | 8 14 | |
 | - 1 - 1 | | | | 234 6.6 | 9 |
 | |
| Other | 0 0

 | 0 | 0 0 | 0 0
 | 0 | 0 0

 | 0 | 0 0
 | 0 | 0 0
 | 0

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0
 | 0 0 | 0 0 | |
 | | | | | 0.0 | 0 |
 | |
| Bare ground | 60 62

 | 74 | 62 66 | 76 50
 | 66 6 | 6 66

 | 76 | 70 66
 | 76 | 48 68
 | 66 6

 | 64 60 6 | 60 78
 | 66 66 | 74 56
 | 68 74 | 58 56
 | 72 66
 | 68 80 | 64 56 | |
 | | | | _ | 2304 65.8 | 3 |
 | |
| I otal Non Veg Cover | 68 66

 | 78 | 72 76 | 86 68
 | /8 7 | 4 76

 | 82 | /6 76
 | /8 | ъ8 76
 | 66

 | /4 76 | /4 82
 | /6 76 | 84 78
 | /6 88 | 72 68
 | /6 76
 | /6 80 | /6 70 | |
 | | | | | 2642 75.4 | 4 |
 | |
| Informal roads (%) | 0 0

 | 0 | 0 0 | 0 0
 | 0 | 0 0

 | 0 | 0 0
 | 0 | 0 0
 | 0

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0
 | 0 0 | 0 0 | |
 | | | | | 0.0 | D |
 | |
| Mowed (%) | 0 0

 | 0 | 0 0 | 0 0
 | 0 | 0 0

 | 0 | 0 0
 | Ő | 0 0
 | 0

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0
 | 0 0 | 0 0 | |
 | | | | | 0.0 | D |
 | |
| |

 | | |
 | |

 | |
 | |
 |

 | |
 | |
 | |
 |
 | | | |
 | | | | | | |
 | |
| 2-foot Cover Non- | 1 2

 | 3 4 | 5 | 6 7
 | 8 9 | 10

 | 11 | 12 13
 | 14 15 | 5 16
 | 17 18

 | 19 20 | 21 2
 | 22 23 | 24 25
 | 26 27 | 28 29
 | 30 31 3
 | 2 33 3 | 4 35 36 | 5 37 | 38 39
 | 40 41 | 42 43 | 44 4 | 45 | SUM MEAN | VAR | D SE
 | ample |
| |

 | | |
 | |

 | |
 | |
 |

 | |
 | |
 | |
 |
 | | | |
 | | | | | | |
 | lequacy |
| Grass Points | 4 0

 | 2 | 9 3 | 0 10
 | 1 | 4 0

 | 8 | 1 11
 | 2 | 2 1
 | 1

 | 1 0 | 3 8
 | 8 9 | 1 1
 | 5 0 | 0 6
 | 2 12
 | 5 8 | 0 2 | 0 6 | 0 1
 | 0 1 | 6 | 0 5 | 4 | 153 3.4 | n |
 | |
| Forb Points | 5 4

 | 4 | 7 1 | 4 2
 | 0 | 3 6

 | 3 | 1 2
 | 4 | 1 2
 | 8

 | 4 3 | 0 8
 | 6 8 | 1 1
 | 7 0 | 3 6
 | 6 4
 | 1 6 | 0 1 | 4 3 | 1 2
 | 3 1 | 1 | 2 1 | 2 | 142 3.1 | 6 |
 | |
| Shrub Points | 0 0

 | 1 | 0 0 | 0 0
 | 0 | 0 0

 | 0 | 0 0
 | 0 | 0 0
 | 0

 | 0 0 | 0 0
 | 1 0 | 0 0
 | 0 0 | 0 0
 | 0 0
 | 0 0 | 0 0 | 0 0 | 0 0
 | 0 0 | 0 | 0 0 | 0 | 2 0.0 | 4 |
 | |
| All Vegetation Points | 9 4

 | 7 | 16 4 | 4 12
 | 1 | 7 6

 | 11 | 2 13
 | 6 | 3 3
 | 9

 | 5 3 | 3 16
 | 15 17 | 2 2
 | 12 0 | 3 12
 | 8 16
 | 6 14 | 0 3 | 4 9 | 1 3
 | 3 2 | 7 | 2 6 | 6 | 297 6.6 | D |
 | |
| Rock | 0 6

 | 1 | 1 7 | 10 0
 | 9 | 4 2

 | 1 | 7 2
 | 10 | 4 2
 | 2

 | 6 10 1 | 10 0
 | 2 2 | 7 5
 | 3 13 | 5 2
 | 4 0
 | 11 1 | 13 0 | 12 2 | 0 15
 | 7 0 | 4 | 9 3 | 5 |
219 4.8 | 7 |
 | |
| Other | 0 0

 | 0 | 2 3 | 0 0
 | 0 | 0 0

 | 0 | 0 4
 | 0 | 0 0
 | 0

 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0 | 0 0
 | 0 0
 | 0 2 | 0 0 | 0 0 | 0 0
 | 0 0 | 0 | 0 0 | 0 | 92 2.0
2 0.0 | 4 |
 | |
| Bare ground | 33 40

 | 34 | 31 36 | 36 32
 | 40 3 | 6 42

 | 35 | 41 31
 | 33 | 43 45
 | 38 3

 | 39 37 3 | 37 24
 | 25 27 | 41 43
 | 30 37 | 42 34
 | 36 31
 | 33 29 | 36 46 | 34 38 | 49 32
 | 40 48 | 31 | 39 39 | 37 | 1640 36.4 | 4 |
 | |
| Total Non-Vegetation | 41 46

 | 43 | 34 46 | 46 38
 | 49 4 | 3 44

 | 39 | 48 37
 | 44 | 47 47
 | 41 4

 | 45 47 4 | 47 34
 | 35 33 | 48 48
 | 38 50 | 47 38
 | 42 34
 | 44 36 | 50 47 | 46 41 | 49 47
 | 47 48 | 43 | 48 44 | 44 | 1953 43.4 | 0 |
 | |
| Percent Cover |

 | | 40 0 | 0 00
 | 0 |

 | 40 | 0 00
 | 1 | 4 0
 | 0

 | | 0 40
 | 40 40 |
 | 10 0 | 0 40
 | 4 04
 | 10 10 | | 0 40 |
 | | 40 | 0 10 | | | 10.40 | 7.04
 | |
| Grass Cover (%) | 8 0

 | 4 | 18 6 | 0 20
 | 2 | 8 0

 | 16 | 2 22
 | 4 | 4 2
 | 2

 | 2 0 | 6 16
 | 16 18 | 2 2
 | 10 0 | 0 12
 | 4 24
 | 10 16 | 0 4 | 0 12 | 0 2
 | 0 2 | 12 | 0 10 | 8 | 306 6.8 | J 49.16 | 7.01 1.05
 | |
| Forb Cover (%) | 10 8

 | × . | |
 | |

 | h | 2 4
 | 8 | 2 4
 | 16

 | 8 6 | 0 16
 | 12 16 | 2 2
 | 14 0 | 6 12
 | 12 8
 | 2 12 | 0 2 | 8 6 | 2 4
 | 6 2 | 2 | 4 2 | 4 | 284 6.3 | 1 22.54 | 4 75 0 71
 | |
| Forb Cover (%)
Shrub Cover (%) | 10 8

 | 2 | 0 0 | 0 0
 | 0 | 0 0

 | 0 | 2 4
 | 8 | 2 4
0 0
 | 16
0

 | 8 6
0 0 | 0 16 0
 | 12 16
2 0 | 2 2
0 0
 | 14 0
0 0 | 6 12
0 0
 | 12 8
0 0
 | 2 12
0 0 | 0 2 | 8 6
0 0 | 2 4 0 0
 | 6 2
0 0 | 2 | 4 2
0 0 | 0 | 284 6.3
4 0.0 | 1 22.54
9 0.17 | 4.75 0.71
0.42 0.06
 | |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover | 10 8
0 0
18 8

 | 2
14 | 0 0
32 8 | 0 0
8 24
 | 0 2 1 | 0 0
4 12

 | 0
22 | 2 4
0 0
4 26
 | 8
0
12 | 2 4
0 0
6 6
 | 16
0
18 1

 | 8 6
0 0
10 6 | 0 16
0 0
6 32
 | 12 16
2 0
30 34 | 2 2
0 0
4 4
 | 14 0
0 0
24 0 | 6 12
0 0
6 24
 | 12 8
0 0
16 32
 | 2 12
0 0
12 28 | 0 2
0 0
0 6 | 8 6
0 0
8 18 | 2 4
0 0
2 6
 | 6 2
0 0
6 4 | 2
0
14 | 4 2
0 0
4 12 | 4
0
12 | 284 6.3
4 0.0
594 13.2 | 1 22.54
9 0.17
0 96.07 | 4.75 0.71 0.42 0.06 9.80 1.46
 | 155.62 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover | 10 8 0 0 18 8 10 4

 | 8
2
14
6 | 14 2 0 0 32 8 18 6 | 0 0
8 24
6 20
 | 0
0
2 1
2 | 0 0 4 12 8 0

 | 0
22
18 | 2 4
0 0
4 26
2 24
 | 8
0
12
4 | 2 4
0 0
6 6
4 2
 | 16
0
18 1
4

 | 8 6
0 0
10 6
6 2 | 0 16
0 0
6 32
6 16
 | 12 16 2 0 30 34 20 18 | 2 2
0 0
4 4
4 2
 | 14 0
0 0
24 0
10 0 | 6 12
0 0
6 24
0 12
 | 12 8 0 0 16 32 6 24
 | 2 12
0 0
12 28
10 16 | 0 2
0 0
0 6
0 4 | 8 6
0 0
8 18
0 14 | 2 4
0 0
2 6
0 2
 | 6 2
0 0
6 4
0 2 | 2
0
14
12 | 4 2
0 0
4 12
0 10 | 4
0
12
8 | 284 6.3 4 0.0 594 13.2 342 7.6 | 1 22.54 9 0.17 0 96.07 0 49.75 | 4.75 0.71 0.42 0.06 9.80 1.46 7.05 1.05
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial | 10 8
0 0
18 8
10 4
8 4

 | 8
2
14
6
8 | 14 2 0 0 32 8 18 6 14 2 | 0 0 8 24 6 20 2 4
 | 0
2 1
2
0 | 6 12
0 0
4 12
8 0
6 12

 | 6
0
22
18
4 | 2 4
0 0
4 26
2 24
2 2
4
 | 8
0
12
4
8 | 2 4
0 0
6 6
4 2
2 4
2 4
 | 16
0
18 1
4
14

 | 8 6
0 0
10 6
6 2
4 4 | 0 16
0 0
6 32
6 16
0 16
 | 12 16 2 0 30 34 20 18 10 16 | 2 2
0 0
4 4
4 2
0 2
 | 14 0
0 0
24 0
10 0
14 0 | 6 12
0 0
6 24
0 12
6 12
 | 12 8
0 0
16 32
6 24
10 8
 | 2 12
0 0
12 28
10 16
2 12 | 0 2
0 0
0 6
0 4
0 2 | 8 6
0 0
8 18
0 14
8 4 | 2 4
0 0
2 6
0 2
2 4
2 4
 | 6 2
0 0
6 4
0 2
6 2 | 2
0
14
12
2 | 4 2
0 0
4 12
0 10
4 2 | 4
0
12
8
4 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 | 4.75 0.71 0.42 0.06 9.80 1.46 7.05 1.05 4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock | 10 8
0 0
18 8
10 4
8 4
0 12
16 0

 | 8
2
14
6
8
2
16 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 | 0 0 8 24 6 20 2 4 20 0 12 12
 | 0
2 1
2
0
18
0 | 0 12 0 0 4 12 8 0 6 12 8 4 6 0

 | 6
0
22
18
4
2
6 | 2 4
0 0
2 24
2 2
14 4
0 8
 | 8
0
12
4
8
20
2 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
 | 16
0
18 1
4
14
4
2

 | 8 6 0 0 10 6 4 4 12 20 2 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 | 2 2
0 0
4 4
4 2
0 2
14 10
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 | 6 12
0 0
6 24
0 12
6 12
10 4
0 4
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6
 | 2 12
0 0
12 28
10 16
2 12
2 2
0 8 | 0 2
0 0
0 6
0 4
0 2
26 0
2 2 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
 | 6 2
0 0
6 4
0 2
6 2
14 0 | 2
0
14
12
2
8
16 | 4 2
0 0
4 12
0 10
4 2
18 6
0 4 | 4
0
12
8
4
10
4 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 | 4.75 0.71 0.42 0.06 9.80 1.46 7.05 1.05 4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0

 | 8
2
14
6
8
2
16
0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 | 0 0 8 24 6 20 2 4 20 0 0 12 0 0
 | 0
2 1
2
0
18
0
0 | 0 12 0 0 4 12 8 0 6 12 8 4 6 0 0 0

 | 6
0
22
18
4
2
6
0 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
 | 8
0
12
4
8
20
2
0 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
 | 16
0
18 1
4
14
4
2
0

 | 8 6 0 0 10 6 6 2 4 4 12 20 2 0 0 0 0 0 0 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 0
 | 12 8 0 0 16 32 6 24 10 8 4 6 0 0
 | 2 12
0 0
12 28
10 16
2 12
2 2
0 8
0 4 | 0 2
0 0
6 4
0 4
26 0
2 2
0 0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 | 2
0
14
12
2
8
16
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 | 4
0
12
8
4
10
4
0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 | 22.54
9 0.17
0 96.07
0 49.75
0 21.75
9
9 | 4.75 0.71 0.42 0.06 9.80 1.46 7.05 1.05 4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80

 | 8
2
14
6
8
2
16
0
68 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 | 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64
 | 0
2 1
2
0
18
0
0
80 7 | 0 12 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84

 | 6
0
22
18
4
2
6
0
70 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
 | 8
0
12
4
8
20
2
0
66 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
86 90
 | 16
0
18 1
4
14
4
2
0
76

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 78 74 | 0 16 0 0 6 16 0 16 20 0 0 20 0 0 74 48
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
82 86
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 0 0 60 74 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 0 84 68
 | 12 8 0 0 16 32 6 24 10 8 4 6 0 0 72 62
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 0 0 98 64
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 | 2
0
14
12
2
8
16
0
62 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 | 4
0
12
8
4
10
4
0
74 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 3280 72.8 | 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 9 9 9 | 4.75 0.71 0.42 0.06 9.80 1.46 7.05 1.05 4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92

 | 8
2
14
6
8
2
16
0
68
86 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 | 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76
 | 0
2 1
2
0
18
0
0
80 7
98 8 | 6 12 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88

 | 6
0
22
18
4
2
6
0
70
70
78 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
 | 8
0
12
4
8
20
2
0
66
88 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 86 90 94 94
 | 16
0
18 1
4
14
2
0
76 7
82 9

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 78 74 90 94 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 82 86 96 96
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 0 0 60 74 76 100 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 0 84 68 94 76
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 | 0 2 0 0 0 6 0 4 0 2 26 0 2 2 0 0 72 92 100 94 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 0 0 98 64 98 94
 | 6 2 0 0 6 4 0 2 14 0 0 0 0 0 80 96 94 96 | 2
0
14
12
2
8
16
0
62
86 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 | 4 0 12 8 4 10 4 0 74 88 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 33906 86.8 | 22.54
9 0.17
0 96.07
0 49.75
0 21.75
9 9
9 9
9 9
9 0 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal Rock (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92

 | 8
2
14
6
8
2
16
0
68
86
86 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 | 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76
 | 0
2
1
2
0
18
0
0
80
7
98
8
0 | 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

 | 6
0
22
18
4
2
6
6
0
70
70
78 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
 | 8
0
12
4
8
20
2
0
66
88 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 86 90 94 94
 | 16
0
18 1
4
14
2
0
76 5
82 9

 | 8 6 0 0 10 6 6 2 4 4 112 20 0 0 0 0 78 74 90 94 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
0 0
74 48
94 68
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
82 86
96 96
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 60 74 76 100 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 0 84 68 94 76
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 | 0 2
0 0
0 6
0 4
0 2
26 0
2 2
0 0
72 92
100 94 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
98 64
98 94
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 | 2
0
14
12
2
8
16
0
62
86 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 996 88 | 4 0 12 8 4 10 4 0 74 88 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 446 2.2 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92 0 0 0 0

 | 8
2
14
6
8
2
16
0
68
86
86
28
0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 | 0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0
 | 0
2
1
2
0
18
0
0
80
7
98
80
0
0
0
0 | 0 0 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0

 | b 0 22 18 4 2 6 0 70 78 0 0 0 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
 | 8
0
12
4
8
20
2
0
66
88
88 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 86 90 94 94 0 0 0 0
 | 16
0
4
4
14
2
0
76
82
9
0
0
0

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 0 0 0 0 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
0 0
74 48
94 68
0 0
0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 | 2 2
0 0
4 4
2 0 2
14 10
0 0
0 0
82 86
96 96
96
96 0
0 0
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 60 74 76 100 0 0 0 0 0 0 0 0 0 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 94 76 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 8 68 0 0 0 0
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 | 0 2
0 0 6
0 6
2 2
2 2
0 0 2
2 2
0 0 7
72 92
100 94 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 0 0 98 64 98 94
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 80 96 94 96 0 100 0 0 | 2
0
14
12
2
8
16
0
62
86
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 996 88 0 0 0 0 | 4 0 12 8 4 10 4 0 74 88 0 0 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 9 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92 0 0 0 0

 | 8
2
14
6
8
2
16
0
68
86
28
0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 | 0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0
 | 0
2
1
2
0
18
0
0
80
7
98
8
0
0
0
0
0 | 0 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0

 | 6 0 22 18 4 2 6 0 70 78 0 0 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
 | 8
0
12
4
8
20
2
0
66
88
88
0
0 | 2 4
0 0
6 6
6 6
4 2
2 4
8 4
0 0
0 0
0 0
86 90
94 94
0 0
0 0
0 0
0 0
 | 16
0
4
14
2
0
76
82
5
0
0
0

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 030 94 0 0 0 0 0 0 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
0 0
74 48
94 68
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
82 86
96 96
96 96
0 0
0 0
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 0 0 0 74 7 100 0 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 0 84 68 94 76 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 8 0 0 0 0 0 0 0
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 | 0 2
0 0
0 6
0 4
2 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
94
90 0
0 0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 80 96 94 96 0 100 0 0 | 2
0
14
12
2
8
16
0
62
86
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 | 4 0 12 8 4 10 4 0 74 88 0 0 0 0 0 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3306 86.8 146 3.2 0 0.0 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 9 9 9 9 9 9 9 9 9 9 0 0 0 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92 0 0 0 0 0 0 0 0 0 0 0 0

 | 8 2 14 6 8 2 16 0 68 86 2 0 28 0 3 4 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 | 0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0 6 7
 | 0 2 1 2 0 18 0 0 80 7 98 0 0 0 0 80 7 98 8 0 0 8 9 | 0 12
0 0
4 12
8 0
6 12
8 4
6 0
0 0
2 84
6 88
0 0
0 0
0 0
0 0
0 0
10

 | b 0 22 18 4 2 6 0 70 78 0 0 0 11 | 2 4
0 0
4 26
2 24
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
86 90
94 94
0 0
0 0
0 0
5 16
 | 16 0 18 4 14 2 0 76 82 0 0 0 17

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 030 94 0 0 0 0 0 0 10 0 10 10 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 94 68 0 0 0 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 20 23 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 86 96 96 96 0 0 0 0 286 96 96 96 96 96 24 25
 | 14 0 0 0 24 0 10 0 14 0 6 26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 26 27 | 6 12 0 0 6 24 0 12 6 12 10 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 72 62 8 0 0 0 0 0 30 31 3
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 2 33 | 0 2
0 0
0 6
2 2
26 0
2 2
2 2
0 0
72 92
10 94
0 0
0 0
0 0
4 35 36 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 0 0 0 0 38 39
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 94 96 0 100 0 0 40 41 | 2
0
14
12
2
8
8
0
62
86
0
0
0
0
42
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 | 4 0 12 12 8 4 10 14 4 10 4 10 74 88 88 10 0 0 0 0 0 0 45 10 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3306 86.8 146 3.2 0 0.0 SUM MEAN | 1 22.54 9 0.17 9 96.07 0 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 0 9 0 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Tr | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2

 | 8 2 14 6 8 2 16 0 68 86 2 28 0 3 4 Transect) | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 5 | 0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0 6 7
 | 0 2 1 2 0 18 0 0 80 7 98 0 0 0 0 80 7 98 8 0 0 8 9 | 0 12
0 0
4 12
8 0
6 12
8 4
6 0
0 0
2 84
6 88
0 0
0 0
0 0
0 0
10

 | b 0 0 22 18 4 2 6 0 0 70 78 0 0 11 7 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
 | 8 0 12 4 8 20 2 0 66 88 0 11 12 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
86 90
94 94
0 0
0 0
5 16
 | 16 0 18 4 14 2 0 76 82 0 0 17 18

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 19 20 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 94 68 0 0 0 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 20 23 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 96 96 96 96 0 0 0 0 2 2
 | 14 0 0 0 24 0 10 0 14 0 6 26 27 27 | 6 12 0 0 6 24 0 12 6 12 10 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 72 62 84 68 0 0 0 0 30 31 3
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 | 0 2 0 0 0 6 0 4 0 2 2 0 2 2 0 0 72 92 100 94 0 0 0 0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 692 822 0 0 0 0 0 0 0 0 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 0 0 38 39
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 0 100 0 0 40 41 | 2
0
14
12
2
8
16
0
62
86
0
0
0
42
43 | 4 2 0 0 4 12 18 6 0 4 18 6 0 0 78 78 96 88 0 0 0 0 0 0 0 0 | 4 0 12 8 4 10 4 0 74 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 | 1 22.54 9 0.17 9 6.07 0 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 0 9 0 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Tri
Grass Points | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 6 80 82 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 2

 | 8 2 14 6 8 2 16 0 6 8 8 6 2 2 1 6 7 7 8 8 6 7 7 8 4 7 7 8 7 8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 5 1 0 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4
 | 0
2
1
2
0
18
0
0
80
7
98
8
0
0
0
8
9
8
9
4
4 | 0 12 0 0 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 10 10

 | b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
12 13
 | 8 0 12 4 8 20 2 0 66 88 0 11 11 11 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
86 90
94 94
0 0
0 0
5 16
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 16 0 18 4 14 2 0 76 82 0 0 17 18

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 0 0 0 0 0 0 1 0 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 20 23 0 3 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
82 86
96 96
96 96
96 96
24 25
 | 14 0 0 0 24 0 10 0 14 0 6 26 0 0 0 0 0 0 0 0 0 0 0 0 2 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 0 84 68 94 76 0 0 0 0 28 29 0 3
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 72 62 84 68 0 0 30 31 3 0 7
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
38 39
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 4 4 | 2
0
14
12
2
8
16
0
62
86
0
0
42
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4 0 0 12 8 10 4 0 74 88 0 0 74 0 0 0 4 0 0 0 0 0 0 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 SUM MEAN 77 1.7 | 1 22.54
9 0.17
0 96.07
0 49.75
0 21.75
9 9
9 9
9 9
0 21.75
9 9
0 21.75
9 9
9 9
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Trr
Grass Points
Fob Points | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 6 82 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 ansect (50 Pointt 6 3 2 1

 | 8
2
14
6
8
2
16
0
68
86
28
0
0
3
4
Transect)
1 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 0 0 1 0 2 0 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0
 | 0 0 2 1 2 0 18 0 0 80 0 0 8 9 4 8 | 0 12 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0

 | b 0 0 22 18 4 2 6 0 0 70 78 0 0 11 - 2 4 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
12 13
 | 8 0 12 4 8 20 0 66 88 0 14 15 2 2 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 94 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 2 0 76 82 0 0 17 18 1 1

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 0 0 1 0 2 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 22 23 0 3 1 9 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 82 86 96 96 0 0 0 0 0 0 0 0 1 0 0 2
 | 14 0 0 0 24 0 10 0 11 0 11 0 11 0 11 0 11 0 11 0 11 0 11 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 30 31 3 0 7 0 0 10 10
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 4 0 9 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
38 39
38 39
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 | 2
0
14
12
2
8
8
16
0
62
86
0
0
0
42
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 | 4
0
12
8
4
10
7
4
0
7
4
88
0
0
0
45
0
0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 SUM MEAN 77 1.7 714 2.5 | 1 22,54 9 0.17 9 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 1 1 3 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Perennial Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) 1-foot Cover Non- Solar Area (1N) Number of Points per Trr Grass Points Shrub Points | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 66 82 92 0 0 0 0 0 0 1 2 1 2 0 0 0 0 1 2 0 0 1 0

 | 8 2 14 6 8 2 14 6 8 8 0 16 8 6 8 6 7 7 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 4 5 1 0 2 0 0 0 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 4 8 0 0 | 0 12 0 0 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 10 1

 | b 0 0 22 18 4 4 2 6 0 70 78 0 0 11 - 2 4 0 0 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
12 13
0 6
1 8
0 0
1 4
1 3
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 15 2 2 0 0 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 16 0 18 4 2 0 76 82 0 0 17 18 1 1 0

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 78 74 90 94 0 0 1 0 2 4 1 1 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0
 | 12 16
2 0
30 34
20 18
10 16
4 4
16 8
0 0
50 54
70 66
0 0
0 0
22 23
0 3
1 9
0 0
1 9
0 0 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
0 0
82 86
96 96
96 96
0 0
0 0
24 25
1 0
0 2
1 0
0 0
0 0
0 0
0 2
0 0
0 0
0 0
0
 | 14 0 0 0 24 0 10 0 14 0 10 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 3 1 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 30 31 3 0 7 0 0 7 0 0 0 0
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 9 0 0 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 5 0 0 0 5 0 9 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 8 0 8 0 100 | 2
0
14
12
2
8
16
6
2
86
6
2
86
0
0
0
42
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 0 78 78 996 88 0 0 0 0 0 0 0 0 0 0 0 2 0 2 0 12 0 0 | 4
0
12
8
4
10
4
0
74
88
0
0
0
45 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 SUM MEAN 777 1.7 114 2.5 3 0.0 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
 | 155.62
243.08 |
| Forb Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Trr
Grass Points
Shrub Points
Shrub Points
Shrub Points
Shrub Points
Shrub Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
Points
P | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 66 80 82 92 0 0 1 2 1 2 0 0 1 2 0 0 8 4 3 0

 | 8 2 14 6 8 2 16 0 68 86 28 0 3 4 Transect) 1 1 0 2 2 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 4 5 1 0 2 0 0 0 3 0 12 4 | 0 4 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0 0 0 9 4 2 9
 | 0 0 2 1 2 0 18 0 0 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 4 | 0 12 0 0 4 12 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 0

 | b 0 0 22 18 4 2 6 0 0 70 78 0 0 11 - 2 4 0 6 6 7 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
12 13
0 6
1 8
0 0
1 4
7 14
13
 | 8 0 12 4 8 20 2 0 66 88 0 14 12 2 2 0 14 14 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
0 0
94 94
0 0
0 0
5 16
5 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
 | 16 0 18 4 2 0 76 82 0 0 17 18 1 0 1 0 2 1 0 12

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 78 74 90 94 0 0 0 0 1 0 2 4 1 1 4 5 2 8 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 1 0 2 0 0 0 1 0 2 0 0 0
 | 12 16
2 0
30 34
20 18
10 16
4 4
16 8
0 0
50 54
70 66
0 0
0 0
0 0
22 23
1 9
0 0
1 12
0 0 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
0 0
82 86
96 96
96 96
0 0
0 0
24 25
1 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
 | 14 0 0 0 24 0 10 0 14 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 3 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 66 94 76 0 0 0 0 0 0 0 0 28 29 0 3 1 0 0 0 1 3 2 7
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 72 62 84 68 0 0 30 31 3 0 7 0 7 0 10 0 0 10 10
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 O 0 0 0 0 0 0 0 0 0 9 0 0 0 13 12 3 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94

 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 0 0 0 0 0 0 0 0 0 0 0 0 40 41 0 0 4 4 0 0 4 12 5 1 | 2
0
14
12
2
8
8
16
0
62
86
0
0
0
42
43
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 0 0 12 | 4 0 0 12 12 1 8 1 4 1 0 1 74 1 88 1 0 1 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 77 1.7 114 2.5 13 0.0 194 4.3 | 1 22.54 9 0.17 0 96.07 0 49.75 9 21.75 9 9 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) I+foot Cover Non- Solar Area (1N) Number of Points Forb Points All vegetation points Rock Litter Litter | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 0 0 0 0 8 4 3 0

 | 8 2 14 6 8 2 16 0 68 86 28 0 3 4 Transect) 1 1 0 2 3 0 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 4 5 1 0 2 0 0 0 3 0 12 4 | 0 -4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 6 7 1 4 8 0 0 9 4 2 0 1
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 12 4 0 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 3 8 0 0

 | b 0 22 18 4 2 6 0 70 78 0 0 0 11 2 4 0 6 7 6 7 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
13
13
0 6
1 8
0 6
1 8
0 0
1 14
7 0
0 1
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 12 0 0 0 0 0 14 14 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 94 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 2 0 76 62 9 0 0 1 1 1 0 2 0 0 0 0 0 1 1 1 2 13

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 30 94 93 94 0 0 1 0 2 4 1 1 4 5 2 8 0 0 | 0 16
0 0
6 32
6 16
0 16
20 0
0 20
0 20
0 0
74 48
94 68
0 0
0 0
1 0
2 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 12 16
2 0
30 34
20 18
10 16
4 4
16 8
0 0
50 54
70 66
0 0
0 0
22 23
0 3
1 9
0 0
1 12
12 0
0 1 | 2 2
0 0
4 4
4 2
0 2
14 10
0 0
0 0
82 86
96 96
7
7
7
7
7
7
7
7
7
7
 | 14 0 0 0 10 0 11 0 6 26 10 0 1 0 0 0 1 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 94 76 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 3 2 7
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 72 62 84 68 0 0 0 0 0 7 0 0 0 7 0 10 0 0 0 17 0 17 10 1 0 4
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 O 0 0 0 0 0 0 0 0 0 0 0 4 0 9 0 0 0 13 12 3 0 3 | 0 2
0 0
0 6
0 4
0 2
2 2
0 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 9 0 9 0 0 14 2 0 14 14 2 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
38 39
28
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 0 100 0 0 0 0 40 41 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 | 2
0
14
12
2
8
8
6
0
0
0
0
42
43
43
1
0
0
1
1
1
1
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 86 88 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 3280 72.8 3906 86.8 9 0 77 1.7 114 2.5 3 0.0 777 1.7 114 2.5 3 0.0 194 4.3 285 6.3 20 194 | 1 22,54 9 0.17 0 96.07 0 49.75 0 21.75 9 9 9 9 9 9 9 9 9 9 9 9 9 1 3 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
50 SE \$
 | 155.62
243.08 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Tr
Grass Points
Shrub Points
Shrub Points
Shrub Points
Shrub Points
All vegetation points
Rock
Litter
Other | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 2 1 0 0 0

 | 8 2 14 6 8 2 16 0 0 68 28 0 3 4 Transect) 1 1 1 0 2 3 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 4 5 1 0 2 0 0 0 3 0 12 4 2 0 0 0 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0 0 9 4 2 8 0 0 0 9 4 2 8 0 1 0 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 12 4 0 12 4 0 0 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 0 6 0 0 0 1 3 8 0 0 0

 | b 0 22 18 4 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 4 0 6 7 2 0 | 2 4
0 0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
1 13
1 8
0 0
0 0
1 8
1 8
0 0
0 0
1 14
7 0
0 0
1 0
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 15 2 2 0 0 4 14 0 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 8 94 94 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 4 2 0 76 82 0 0 0 1 1 1 1 0 2 13 0

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 0 0 0 0 0 0 1 0 2 4 1 1 4 5 2 8 0 0 0 0 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 1 0 2 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 3 1 9 0 3 1 12 12 0 0 1 0 0 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 2 3 11 1 0 0 0
 | 14 0 0 0 24 0 10 0 6 26 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 3 0 7 15 1 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 3 1 0 0 0 1 3 2 7 0 1
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 7 0 10 0 0 0 17 10 1 0 4 0 0
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 3 0 0 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 5 0 9 0 0 14 14 2 0 0 14 14 2 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
98 64
98 94
98 94
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 | 2
0
14
12
2
8
8
6
6
2
8
6
0
0
0
0
0
4
2
4
3
4
3
4
3
4
3
0
0
0
1
1
1
1
0
0
0
0
0
0
0
0
0
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 0 0 12 5 0 0 0 0 | 4 0 0 12 8 0 4 0 74 88 0 0 74 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 | 1 22.54 9 0.17 0 96.07 0 49.75 9 .17 9 .17 9 .17 9 .17 9 .17 9 .17 9 .17 9 .17 9 .17 1 .13 3 .17 1 .13 9 .11 10 .11 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
4.66 0.70
50 SE A
A | 155.62
243.08 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Tr
Grass Points
Shrub Points
All vegetation points
Rock
Litter
Other
Bare ground | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 0 0 0 0 0 1 2 1 0 0 0 3 0 2 1 0 0 3 0 2 1 0 0 37 45

 | 8 2 14 6 8 2 16 0 68 86 20 0 3 4 1 1 1 1 2 3 0 0 45 0 | 14 2 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 0 0 1 0 2 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 9 0 2 8 0 1 2 8 0 1 2 8 0 1 39 37
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 12 4 0 34 4 | 0 12 0 0 0 0 8 0 6 12 8 4 10 0 10 0 10 0 10 0 10 0 11 0 12 10

 | b 0 22 18 4 2 6 0 70 78 0 0 0 2 4 0 0 0 0 0 0 0 0 2 4 0 2 4 0 35 | 2 4 0 0 4 26 2 2 14 4 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 0 0 0 0 1 8 0 0 1 14 7 0 0 1 42 35
 | 8 0 12 4 8 20 0 66 88 0 0 0 14 15 2 2 0 0 14 15 2 2 0 0 32 32 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 8 4 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 17 18 1 1 0 13 0 35

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 4 5 2 8 0 0 4 5 2 8 0 0 44 37 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 0 0 0 0 2 0 0 0 3 0 6 4 0 0 3 0 6 4 0 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 37 37 37 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 1 0 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0
 | 14 0 0 0 24 0 10 0 14 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 3 0 0 0 39 35 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 3 2 7 0 1 0 0 47 39
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 10 1 0 0 40 28
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 3 0 33 0 0 38 31 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 0 0 1 7 5 7 0 0 4 36 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 0 68 76 92 8 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 36 32 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94

 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 96 94 96 0 100 0 0 0 100 0 0 4 41 0 8 0 0 4 12 4 12 4 12 4 12 4 12 4 12 4 12 4 12 4 12 4 12 4 137 | 2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
0
1
42
43
43
43
1
0
0
0
1
11
0
0
38 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 78 96 88 0 0 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 12 5 0 0 38 31 | 4 0 12 8 4 10 4 0 74 88 0 42 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.4 2.5 7.6 3000 86.8 77 1.7 114 2.5 3 0.0 194 4.3 225 6.6 22 0.4 0 0.0 1744 2.5 3 0.0 194 4.3 225 6.3 22 0.4 0 0.0 1749 38.8 | 1 22.54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08
sample
lequacy |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foct Cover Non-
Solar Area (1N)
Number of Points per Tra
Grass Points
Forb Points
Shrub Points
All vegetation points
Rock
Litter
Other
Bare ground
Total Non-Vegetation
Points | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 0 0 0 1 2 1 0 0 0 3 0 2 1 0 0 37 45 42 46

 | 8 2 14 6 8 2 16 0 0 68 28 0 3 4 7 1 1 1 0 2 3 0 0 45 48 48 | 14 2 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 0 9 4 0 1 0 0 9 4 0 39 39 37 41 46
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 8 9 4 8 0 12 4 0 0 34 38 4 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

 | b 0 0 22 18 4 2 6 0 70 78 0 0 0 11 2 4 0 2 4 0 6 7 2 0 35 44 0 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 0 0 0 0 1 14 7 0 0 1 0 0 0 1 0 0 1 14 7 0 0 1 0 0 49 36
 | 8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 4 14 14 0 32 46 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 94 94 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 0 35 48

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 0 0 44 5 44 37 46 45 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 3 0 6 4 0 0 41 46 47 50
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 0 1 12 0 0 1 0 37 37 38 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 1 0 0 2 0 0 1 0 0 0 49 48
 | 14 0 0 0 24 0 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 39 35 47 50 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 49 47
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0 33 12 3 0 0 12 3 0 0 38 31 50 37 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 1 5 1 7 5 7 0 0 4 36 44 36 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 14 2 0 0 14 2 0 0 0 0 14 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td< td=""><td>2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 0 0 <td< td=""><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 96 94 96 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 0 0 4 37 46 38</td><td>2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
42
43
43
1
0
0
0
1
1
1
1
1
0
0
0
38
49</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 12 5 0 0 0 0 38 31 50 36</td><td>4 0 12 8 4 10 4 0 74 88 0</td><td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 </td><td>1 22.54 9 0.17 0 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 9 1 3 9 1 3 9 0 7 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08</td></td<></td></td<> | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 0 0 <td< td=""><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 96 94 96 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 0 0 4 37 46 38</td><td>2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
42
43
43
1
0
0
0
1
1
1
1
1
0
0
0
38
49</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 12 5 0 0 0 0 38
 31 50 36</td><td>4 0 12 8 4 10 4 0 74 88 0</td><td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 </td><td>1 22.54 9 0.17 0 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 9 1 3 9 1 3 9 0 7 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08</td></td<> | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 96 94 96 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 0 0 4 37 46 38 | 2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
42
43
43
1
0
0
0
1
1
1
1
1
0
0
0
38
49 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 12 5 0 0 0 0 38 31 50 36 | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 | 1 22.54 9 0.17 0 96.07 0 49.75 9 9 9 9 9 9 9 9 9 9 9 9 9 1 3 9 1 3 9 0 7 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
Totot Cover Non-
Solar Area (1N)
Number of Points per Tra
Grass Points
Shrub Points
All vegetation points
Rock
Litter
Other
Bare ground
Total Non-Vegetation
Percent Cover
Grass Cover (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 0 2 1 0 0 2 1 0 0 2 1 0 0 37 45 42 46

 | 8 2 14 6 8 2 16 0 0 68 86 28 0 0 1 1 1 1 0 2 3 0 0 45 48 2 | 14 2 18 6 14 2 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 1 0 2 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0 0 18 0 0 6 7 1 4 8 0 0 0 9 4 2 8 0 1 0 0 39 37 41 46
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 12 4 0 0 34 4 38 4 8 4 | 0 12 0 0 0 0 6 12 8 4 6 0 0 0 2 84 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 3 8 0 0 1 4 2 0

 | b 0 0 22 18 4 4 2 6 0 70 78 0 0 11 - 2 4 0 6 7 2 0 35 44 4 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 18 0 0 1 14 7 0 0 1 0 0 1 14 7 0 0 1 0 35 49 36 0 12
 | 8 0 12 4 8 20 2 0 66 88 0 14 15 2 2 0 4 14 14 14 0 32 46 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 16 0 18 4 2 0 76 82 0 0 0 1 1 1 0 2 0 0 0 0 1 0 2 3 0 35 48 2

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 1 0 2 4 1 1 2 4 1 1 2 8 0 0 2 8 0 0 466 445 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 0 0 44 68
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 6 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 0 0 45 37 49 48
 | 14 0 0 0 24 0 10 0 14 0 10 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 10 7 10 0 0 3 0 7 10 0 0 3 10 7 10 0 0 3 10 7 10 0 0 3 10 4 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 66 94 76 0 0 0 0 0 0 0 0 0 3 1 0 0 0 1 3 2 7 0 1 0 1 0 1 0 1 0 1 0 47 0 2
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 7 10 0 0 10 0 11 0 4 0 0 40 28 50 33
 | 2 12
0 0
12 28
10 16
2 12
2 2
0 8
0 4
66 58
88 72
0 0
0 0
0 0
0 0
0
0 0
0
0
0
0
0
0
0
0
0
0
0
0
0 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 5 0 0 0 5 0 0 0 14 2 2 0 2 0 0 0 14 14 2 0 2 0 0 0 36 2 36 36 32 50 36 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 41 37 46 38 | 2
0
14
12
2
8
6
6
6
2
8
6
0
0
0
0
4
2
4
3
8
1
6
2
8
6
2
8
6
2
4
3
8
1
1
0
0
0
0
1
1
1
1
0
0
0
0
1
4
4
3
8
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 996 888 0 0 0 0 0 0 0 0 0 2 0 0 12 5 0 0 0 0 12 5 0 0 38 31 50 36 | 4 0 12 8 4 0 74 88 0 < | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 0.4 0 0.0 194 4.3 225 0.4 0 0.0 1749 38.8 2056 45.6 154 2.4 | 1 22.54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
1.05
4.66 0.70
5D SE S
Action
5D SE S
Action
5D SE S
 | 155.62
243.08 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Disturbance
Informal roads (%)
Mowed (%)
1-foot Cover Non-
Solar Area (1N)
Number of Points per Trr
Grass Points
Forb Points
All vegetation points
Rock
Litter
Other
Bare ground
Total Non-Vegetation
Percent Cover
Grass Cover (%)
Forb Cover (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 3 0 0 3 0 2 1 0 0 3 0 2 4 12 6 4 2

 | 8 2 14 6 8 2 16 0 0 68 28 0 3 4 Transect) 1 1 0 2 3 0 0 45 0 2 2 | 14 2 18 6 14 2 14 4 4 6 0 0 68 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 4 0 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 6 7 6 7 1 4 8 0 0 9 4 2 8 0 0 1 4 39 39 37 41 34 2 8 16 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 0 12 0 0 12 4 8 8 1 16 1 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 3 8 0 0 0 0 1 4 2 0 0 0

 | b 0 22 18 4 2 6 0 70 78 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11 2 4 0 6 7 2 4 4 8 | 2 4 0 0 4 26 2 24 2 14 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 14 7 0 0 1 0 0 42 35 42 35 0 12 12 12
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 15 2 0 4 14 0 0 32 46 4 4 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 94 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 1 1 1 0 2 13 0 035 4 2 2

 | 8 6 0 0 10 6 6 2 4 4 12 20 7 7 90 94 90 94 10 0 0 0 11 0 2 4 1 1 4 5 2 8 0 0 0 0 2 8 0 0 2 8 2 0 44 45 2 0 4 8 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 84 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 1 46 4 7 50
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 0 1 0 0 37 37 49 38 0 6 2 18 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 2 3 11 1 0 0 0 49 48 49 40 2 0 0 4
 | 14 0 0 0 24 0 10 0 14 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 3 0 7 15 0 0 3 35 47 55 4 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 66 94 76 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 0 0 47 39 49 47 0 6 2 0
 | 12 8 0 0 16 32 6 24 10 8 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 10 0 11 0 4 0 0 40 28 533 33
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 ••••••••••••••••••••••••••••••••••• | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 1 7 5 7 0 0 1 7 5 7 0 0 1 36 49 43 49 43 2 10 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 62 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 50 36 32 50 0 10 0 18 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
98 64
98 94

 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 12 5 1 0 0 0 0 4 37 46 8 8 8 0 16 | 2
0
14
12
2
8
8
0
0
0
0
0
42
43
43
43
43
43
43
43
43
43
43
43
43
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24 | 4 0 12 8 10 4 10 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 77 1.7 114 2.5 13 0.0 77 1.7 114 2.5 3285 6.3 22056 45.6 154 3.4 2285 5.0 | 1 22,54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE \$
50 SE \$
50 \$
50 \$
50 \$
50 \$
50 \$
50 \$
50 \$
50
 | 155.62
243.08
ample
lequacy |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totol Cover Non- Solar Area (1N) Number of Points per Trf Grass Points All vegetation points Cother Bare ground Total Non-Vegetation Percent Cover Shrub Points Shrub Points Cover (%) Shrub Cover (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 0 0 3 0 2 1 0 0 37 45 42 46 12 6 4 2 0 0

 | 8 2 14 6 8 2 16 0 68 86 28 0 3 4 1 1 0 2 3 0 48 0 2 0 0 2 3 0 2 0 0 2 2 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 4 0 0 0 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 0 18 0 0 0 9 4 8 0 0 9 4 2 8 0 1 0 0 39 37 41 46 2 8 16 0 0 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 0 12 4 0 0 34 4 8 1 16 0 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 0 0 10 0 6 0 0 0 0 0 10 1 6 0 0 0 1 1 3 8 0 0 1 4 2 0 0 0 0 0 0 0

 | b 0 0 22 18 4 2 6 0 0 70 78 0 0 11 2 4 4 0 6 7 2 4 0 355 44 8 0 | 2 4
0 0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
1 13
1 8
0 0
0 0
1 18
1 8
0 0
0 0
1 14
7 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
 | 8 0 12 4 8 20 66 88 0 66 88 0 0 0 0 0 0 0 32 46 4 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 8 94 94 94 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 2 0 76 82 9 0 0 0 1 1 1 1 1 0 2 13 0 35 4 2 2 0

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 0 0 0 0 0 0 1 1 4 5 2 8 0 0 0 0 1 1 4 5 2 0 44 37 46 45 2 2 | 0 16 0 0 6 32 6 16 0 16 20 0 0 0 74 48 94 68 0 0 0 0 2 0 0 0 2 0 0 0 3 0 6 4 0 0 4 60 0 0 4 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 0 37 37 49 38 0 6 2 18 0 0 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 2 3 11 1 0 0 0 45 37 49 48 2 0 0 4
 | 14 0 0 0 24 0 10 0 6 26 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 39 35 47 50 4 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 3 1 0 0 0 1 3 2 7 0 1 3 2 7 39 49 47 0 6 2 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 7 0 10 0 10 0 0 0 17 10 1 0 4 0 0 40 28 0 14 0 20 0 0
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 0 12 3 0 0 38 31 0 0 38 31 0 0 0 18 0 18 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 14 2 0 0 14 2 0 0 14 2 0 0 14 14 2 0 0 0 18 0 0 | 2 4
0 0
0 2
2 4
0 30
0 0
0 0
98 64
98 94
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 4 0 8 0 0 41 37 46 38 8 8 0 16 0 0 | 2
0
14
12
2
8
8
6
6
0
0
6
2
8
6
0
0
0
0
4
2
4
3
8
4
9
0
0
0
3
8
4
9
2
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 12 5 0 0 14 12 50 36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4 0 12 8 10 4 10 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 1771 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 1749 38.8 2056 45.6 5.4 3.4 28 5.0 6 0.1 | 1 22.54 9 0.17 0 96.07 0 49.75 0 21.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE SE
50 SE SE
4.10 0.61
7.03 1.05
50.50 0.08 | 155.62
243.08
sample
lequacy |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Cher Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totot Cover Non- Solar Area (1N) Number of Points per Tr Grass Points Forb Points All vegetation points Rock Litter Other Bare ground Total Non-Vegetation Percent Cover (%) Forb Cover (%) Total Veg Cover | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 3 0 0 37 45 42 46 12 6 4 2 0 0 16 8

 | 8 2 14 6 8 2 16 0 68 86 28 0 7 7 1 1 1 1 2 3 0 0 45 48 2 2 0 0 45 48 | 14 2 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 3 46 4 0 0 0 2 0 4 0 0 0 2 0 0 0 2 0 0 0 1 0 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 6 7 0 18 0 0 1 4 8 0 0 0 9 4 2 8 0 1 2 8 16 0 1 46
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 0 12 4 0 0 34 4 8 1 16 0 0 24 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 6 0 0 0 1 4 3 8 0 0 1 4 4 4 2 0 0 2 2 0 0 0 2 2

 | b 0 0 22 18 4 2 6 0 0 0 0 11 2 4 4 2 4 0 6 7 2 4 6 7 2 4 8 0 0 335 44 8 0 12 2 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 0 0 1 8 0 0 1 8 0 1 0 0 49 36 0 12 2 16 0 12
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 1! 2 2 0 0 2 0 4 14 0 32 46 4 4 0 8 8 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 8 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 17 18 1 1 1 1 1 1 1 0 35 4 2 2 0 4

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 2 4 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 0 4 8 2 2 8 10 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 0 0 2 0 0 0 3 0 6 4 0 0 4 0 2 0 4 0 0 0 2 0 4 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 0 37 37 49 38 0 6 2 24 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 45 37 49 48 2 0 0 4 0 0 2 0 0 4
 | 14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 3 0 3 0 3 3 4 0 2 0 4 0 0 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 1 0 1 0 6 2 0 0 6 2 0 0 2
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0 0 40 28 50 33 0 14 0 20 0 34
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0 0 3 0 0 38 31 50 37 0 8 0 18 0 18 0 26 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 43 10 0 0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 10 0 10 0 0 0 0 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
98 64
98 94
0 0
0 0
98 64
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 40 41 40 8 0 0 41 38 0 0 41 37 46 38 8 8 0 16 0 0 40 42 | 2
0
14
12
2
8
8
0
62
86
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
11
0
0
0
1
1
11
0
0
0
2
2
0
0
0
2
2
0
0
0
2
2
2
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 4 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 12 0 12 0 0 12 5 0 0 38 31 50 36 0 0 0 24 0 0 0 28 | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 900 0.0 SUM MEAN 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 22 5.0 154 3.8 8.8 6.0 | 1 22.54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08
Sample
lequacy
368.48 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Cher Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totol Veg Cover Non- Solar Area (1N) Number of Points per Tr Grass Points Forb Points All vegetation points Rock Litter Other Bare ground Total Non-Vegetation Percent Cover (%) Shrub Cover (%) Shrub Cover (%) Total Veg Cover Total Perennial Circorer Total Annual/Biennial | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 0 0 0 3 0 2 1 0 0 3 0 2 1 0 0 37 45 42 46 12 6 4 2 0 0 16 8 12 6 4 2

 | 8 2 14 6 8 2 16 0 0 68 86 28 0 7 7 1 1 1 1 1 1 2 3 0 45 48 2 2 0 4 2 2 0 4 2 2 0 4 | 14 2 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 2 0 0 0 3 46 4 0 0 0 3 46 4 0 0 0 3 46 4 0 0 0 6 0 2 0 4 0 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 0 9 4 2 8 0 1 2 8 16 0 0 0 18 8 2 8 16 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 4 8 0 0 12 4 4 0 34 4 38 1 16 0 24 1 8 1 16 1 | 0 0 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 4 2 0 0 2 2 0 0 2

 | b 0 0 22 18 4 4 2 6 0 70 78 0 0 11 2 4 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 4 8 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 12 13 0 6 1 14 7 0 1 14 7 0 0 1 49 36 0 12 2 16 0 0 2 2 2 12
 | 8 0 12 4 8 20 0 66 88 0 14 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 32 46 4 4 0 32 46 8 4 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 17 18 1 1 1 1 1 0 2 13 0 35 48 2 2 0 35 4 2 0 4 2 0 35 4 2 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 4 2

 | 8 6 0 0 0 6 2 2 0 0 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 45 2 0 44 8 2 2 8 10 4 4 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 0 0 2 0 4 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 6 2 18 0 0 2 18 0 0 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 1 0 0 0 49 48 2 0 0 4 0 0 2 4 2 4 2 4 4 4
 | 14 0 0 0 24 0 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 39 35 47 50 4 0 2 0 0 0 0 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 6 2 0 0 0 2 0 0 0 2 0 0 0 2 0 0 6 0 0 </td <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0
 0 0 0 0 0 0 0 0 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 14 0 20 0 0 0 34 0 18</td> <td>2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 3 0 0 12 3 0 0 38 31 50 37 0 8 0 18 0 0 0 26 0 10</td> <td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 2 10</td> <td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 0 68 76 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 16 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 0 14</td> <td>2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 4 24 8 8 0 16</td> <td>2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
4
2
4
3
8
6
2
4
3
4
9
0
0
0
2
2
0
0
2
2
0</td> <td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 0 38 31 50 36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>4 0 12 8 4 10 4 0 74 88 0</td> <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 SUM MEAN 777 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1777 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 2016 4.6</td> <td>1 22,54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td> <td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td> <td>155.62
243.08
243.08
ample
lequacy
368.48
352.80</td> | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 14 0 20 0 0 0 34 0 18
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 3 0 0 12 3 0 0 38 31 50 37 0 8 0 18 0 0 0 26 0 10 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 2 10 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 0 68 76 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 16 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 0 14 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 64 98 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 4 24 8 8 0 16 | 2
0
14
12
2
8
8
6
0
6
2
86
0
0
0
0
4
2
4
3
8
6
2
4
3
4
9
0
0
0
2
2
0
0
2
2
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 0 38 31 50 36 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 SUM MEAN 777 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1777 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 2016 4.6 | 1 22,54 9 0.17 9 9.17 0 96.07 0 21.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08
243.08
ample
lequacy
368.48
352.80 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
Total Non Veg Cover
Total Annual/Biennial
Rock
Litter
Total Non-Vegetation
Percent Cover
Total Non-Vegetation
Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Perennial Cover
Total Perennial Cover
Total Perennial Cover
Total Perennial Cover | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 0 0 0 1 2 1 0 0 0 3 0 2 1 0 0 37 45 42 46 12 6 4 2 0 0 12 6 4 2 6 0 <td>8 2 14 6 8 2 16 0 68 86 7 7 1 1 1 1 1 1 1 1 1 2 3 0 0 2 3</td> <td>14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 68 92 68 92 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 3 46 47 50 2 0 4 0 0 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2</td> <td>0 -4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0 0 0 9 4 2 8 16 0 0 0 39 37 316 0 0 0 39 37 41 46 2 8 16 0 0 0 4 16</td> <td>0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 4 8 0 0 12 4 4 0 0 34 38 4 8 1 16 0 24 1 8 1 16 8</td> <td>0 12 0 0 0 0 0 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16 1 3 8 0 0 1 41 2 0 0 0 2 2 2 2 2 2 2 2 2 2 2 0 0 0</td> <td>b 0 0 22 18 4 2 6 0 70 78 0 0 0 0 0 2 4 0 6 7 2 0 6 7 2 0 35 44 8 0 12 4 8 14 14</td> <td>2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
12 13
0 6
1 8
0 0
0 0
1 14
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0</td> <td>8 0 12 4 8 20 2 0 66 88 0 14 15 2 2 2 2 2 2 2 2 2 2 2 32 46 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 28</td> <td>2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 94 94 0 0</td> <td>16 0 18 4 2 0 76 82 0 0 0 1 1 1 0 2 1 1 0 2 2 0 35 48 2 2 0 35 48 2 2 0 4 2 <!--</td--><td>8 6 0 0 0 6 2 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 2 4 1 1 2 8 0 0 466 45 2 0 4 8 2 0 4 4 4 6 4 4</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0
 2 0 4 0 2 0 4 0 2 0 4 0 2 0</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 9 0 0 12 0 0 1 0 6 2 18 0 0 37 37 49 38 0 6 2 18 0 0 2 2 0 18 0 18 2 6 0 18 2 6 0 18 2 6 0 18</td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 2 0 0 48 2 0 0 44 2 0 0 4 0 0 2 4 2 4 0 0 6 22</td><td>14 0 0 0 24 0 10 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 3 0 0 0 2 0 0 0 <td< td=""><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 3 2 7 0 1 0 0 1 3 2 0 0 0 2 0 0 0 2 0 0 6 2 0 0 6 <!--</td--><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 20 0 0 0 14 0 20 0 34 0 16 20 2</td><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 9 0 0 12 3 0 33 12 3 0 33 0 18 0 18 0 18 0 10 18 0 10 16 24 6</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 5 7 0 0 0 44 36 49 43 0 4 2 10 0 0 4 36 49 43 2 10 0 4 2 10 0 4 2 10 10 14</td><td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 8 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 0 0 14 2 0 0 10 0 18 0 14 0 14 0 14 2 14 2 14 0 14 2 2</td><td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 8 8 0 16 0 16 0 16 0 16 0 16</td><td>2
0
14
12
2
8
8
6
6
8
6
0
0
0
0
0
1
1
1
1
1
1
1
1
0
0
0
1
1
1
1
0
0
0
2
2
2
0
0
0
22</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 2 0 0 0 12 0 0 0 14 12 5 0 0 0 14 150 36 0 24 0 24 0 24 0 24</td><td>4 0 12 8 4 10 4 10 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570</td><td>22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td><td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td></td></td<></td></td>
 | 8 2 14 6 8 2 16 0 68 86 7 7 1 1 1 1 1 1 1 1 1 2 3 0 0 2 3 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 68 92 68 92 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 3 46 47 50 2 0 4 0 0 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 | 0 -4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 6 7 1 4 8 0 0 0 9 4 2 8 16 0 0 0 39 37 316 0 0 0 39 37 41 46 2 8 16 0 0 0 4 16
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 4 8 0 0 12 4 4 0 0 34 38 4 8 1 16 0 24 1 8 1 16 8 | 0 12 0 0 0 0 0 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16 1 3 8 0 0 1 41 2 0 0 0 2 2 2 2 2 2 2 2 2 2 2 0 0 0

 | b 0 0 22 18 4 2 6 0 70 78 0 0 0 0 0 2 4 0 6 7 2 0 6 7 2 0 35 44 8 0 12 4 8 14 14 | 2 4
0 0
4 26
2 24
2 2
14 4
0 8
0 0
82 62
96 74
0 0
0 0
0 0
12 13
12 13
0 6
1 8
0 0
0 0
1 14
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 1
1 44
7 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
 | 8 0 12 4 8 20 2 0 66 88 0 14 15 2 2 2 2 2 2 2 2 2 2 2 32 46 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 28 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 0 0 94 94 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 1 1 1 0 2 1 1 0 2 2 0 35 48 2 2 0 35 48 2 2 0 4 2 </td <td>8 6 0 0 0 6 2 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 2 4 1 1 2
 8 0 0 466 45 2 0 4 8 2 0 4 4 4 6 4 4</td> <td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0</td> <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 9 0 0 12 0 0 1 0 6 2 18 0 0 37 37 49 38 0 6 2 18 0 0 2 2 0 18 0 18 2 6 0 18 2 6 0 18 2 6 0 18</td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 2 0 0 48 2 0 0 44 2 0 0 4 0 0 2 4 2 4 0 0 6 22</td> <td>14 0 0 0 24 0 10 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 3 0 0 0 2 0 0 0 <td< td=""><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 3 2 7 0 1 0 0 1 3 2 0 0 0 2 0 0 0 2 0 0 6 2 0 0 6 <!--</td--><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 20 0 0 0 14 0 20 0 34 0 16 20 2</td><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 9 0 0 12 3 0 33 12 3 0 33 0 18 0 18 0 18 0 10 18 0 10 16 24 6</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 5 7 0 0 0 44 36 49 43 0 4 2 10 0 0 4 36 49 43 2 10 0 4 2 10 0 4 2 10 10 14</td><td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 8 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 0 0 14 2 0 0 10 0 18 0 14 0 14 0 14 2 14 2 14 0 14 2 2</td><td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 8 8 0 16 0 16 0 16 0 16 0 16</td><td>2
0
14
12
2
8
8
6
6
8
6
0
0
0
0
0
1
1
1
1
1
1
1
1
0
0
0
1
1
1
1
0
0
0
2
2
2
0
0
0
22</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 2 0 0 0 12 0 0 0 14 12 5 0 0 0 14 150 36 0 24 0 24 0 24 0 24</td><td>4 0 12 8 4 10 4 10 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570</td><td>22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td><td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td></td></td<></td>
 | 8 6 0 0 0 6 2 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 2 4 1 1 2 8 0 0 466 45 2 0 4 8 2 0 4 4 4 6 4 4 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 74 48 94 68 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0 4 0 2 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 9 0 0 12 0 0 1 0 6 2 18 0 0 37 37 49 38 0 6 2 18 0 0 2 2 0 18 0 18 2 6 0 18 2 6 0 18 2 6 0 18 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 2 0 0 48 2 0 0 44 2 0 0 4 0 0 2 4 2 4 0 0 6 22
 | 14 0 0 0 24 0 10 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 7 15 1 0 0 0 3 0 0 0 2 0 0 0 <td< td=""><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 3 2 7 0 1 0 0 1 3 2 0 0 0 2 0 0 0 2 0 0 6 2 0 0 6 <!--</td--><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 20 0 0 0 14 0 20 0 34 0 16 20 2</td><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 9 0 0 12 3 0 33 12 3 0 33 0 18 0 18 0 18 0 10 18 0 10 16 24 6</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 5 7 0 0 0 44 36 49 43 0 4 2 10 0 0 4 36 49 43 2 10 0 4 2 10 0 4 2 10 10 14</td><td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 8 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 0 0 14 2 0 0 10 0 18 0 14 0 14 0 14 2 14 2 14 0 14 2 2</td><td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 8 8 0 16 0 16 0 16 0 16 0 16</td><td>2
0
14
12
2
8
8
6
6
8
6
0
0
0
0
0
1
1
1
1
1
1
1
1
0
0
0
1
1
1
1
0
0
0
2
2
2
0
0
0
22</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 2 0 0 0 12 0 0 0 14 12 5 0 0 0 14 150 36 0 24 0 24 0 24 0 24</td><td>4 0 12 8 4 10 4 10 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570</td><td>22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td><td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td></td></td<> | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 3 2 7 0 1 0 0 1 3 2 0 0 0 2 0 0 0 2 0 0 6 2 0 0 6 </td <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0
 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 20 0 0 0 14 0 20 0 34 0 16 20 2</td> <td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 9 0 0 12 3 0 33 12 3 0 33 0 18 0 18 0 18 0 10 18 0 10 16 24 6</td> <td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 5 7 0 0 0 44 36 49 43 0 4 2 10 0 0 4 36 49 43 2 10 0 4 2 10 0 4 2 10 10 14</td> <td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 8 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 0 0 14 2 0 0 10 0 18 0 14 0 14 0 14 2 14 2 14 0 14 2 2</td> <td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td> <td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 8 8 0 16 0 16 0 16 0 16 0 16</td> <td>2
0
14
12
2
8
8
6
6
8
6
0
0
0
0
0
1
1
1
1
1
1
1
1
0
0
0
1
1
1
1
0
0
0
2
2
2
0
0
0
22</td> <td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 2 0 0 0 12 0 0 0 14 12 5 0 0 0 14 150 36 0 24 0 24 0 24 0 24</td> <td>4 0 12 8 4 10 4 10 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570</td><td>22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td><td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td> | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 0 0 10 0 0 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 20 0 0 0 14 0 20 0 34 0 16 20 2
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 9 0 0 12 3 0 33 12 3 0 33 0 18 0 18 0 18 0 10 18 0 10 16 24 6 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 5 7 0 0 0 44 36 49 43 0 4 2 10 0 0 4 36 49 43 2 10 0 4 2 10 0 4 2 10 10 14 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 8 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 0 0 14 2 0 0 10 0 18 0 14 0 14 0 14 2 14 2 14 0 14 2 2 | 2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94

 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 8 0 0 4 4 0 8 0 0 4 12 5 1 0 0 4 38 8 8 0 16 0 0 8 8 0 16 0 16 0 16 0 16 0 16 | 2
0
14
12
2
8
8
6
6
8
6
0
0
0
0
0
1
1
1
1
1
1
1
1
0
0
0
1
1
1
1
0
0
0
2
2
2
0
0
0
22 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 2 0 0 0 12 0 0 0 14 12 5 0 0 0 14 150 36 0 24 0 24 0 24 0 24 | 4 0 12 8 4 10 4 10 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570</td> <td>22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 </td> <td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td> <td>155.62
243.08
ample
lequacy
368.48
352.80</td> | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 225 6.3 222 0.4 0 0.0 194 4.3 225 6.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 6.6 180 4.0 208 4.6 570 | 22.54 9 0.17 9 9.17 0 96.07 0 21.75 9 | A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08
ample
lequacy
368.48
352.80 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Argennial Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totol Cover Non- Solar Area (1N) Number of Points per Trr Grass Points Shrub Points All vegetation points Rock Litter Other Bare ground Total Non-Vegetation Percent Cover Grass Cover (%) Fotb Cover (%) Total Cover Total Annual/Biennial Rock Litter Total Annual/Biennial Rock Litter Total Annual/Biennial Rock Litter Total Annual/Biennial Rock Litter Dother Disturb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 1 0 0 3 0 2 1 0 0 3 0 2 1 0 0 3 0 2 1 0 0 3 0 2 6 4 2 0 0 12 6 4 2 6 0 4 <td>8 2 14 6 8 2 16 0 0 68 28 0 1 1 1 0 2 3 0 0 45 0 2 0 0 48 2 2 0 4 2 6 0 0</td> <td>14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 2 0 4 0 2 0 4 0</td> <td>0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 9 4 2 8 0 0 13 39 37 6 0 16 0 18 8 16 0 4 16 0 2 18 8 16 0 2 2 16 0 2 16 0 2 16 0 2 16 0 2</td> <td>0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 0 12 0 0 12 4 38 8 1 16 0 24 1 16 8 0 0</td> <td>0 12 0 0 0 0 0 0 6 12 8 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 6 1 10 1 10 1 10 1 10 1 11 1 12 1 13 8 0 0 0 0 14 41 4 1 2 2 2 2 2 2 2 2 0 0 16</td> <td>b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 4 4 0 0 11 2 4 4 0 6 7 2 4 4 0 35 44 8 0 12 4 8 14 8 14 4</td> <td>2 4 0 0 4 26 2 24 2 24 2 24 2 14 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 12 13 0 6 1 14 7 0 0 1 42 35 42 35 0 12 2 16 0 0 2 2 0 12 2 16 14 0 0 2</td> <td>8 0 12 4 8 20 2 0 66 88 0 14 15 2 2 2 2 2 2 2 2 0 44 0 46 4 4 4 4 4 28 0</td> <td>2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0</td> <td>16 0 18 4 2 0 76 82 0 0 0 1 1 0 2 0 0 0 1 0 2 0 3 3 48 2 0 2 0 2 0 2 2 0 2 2 0 2 0 2 2 2 0 4 2 2 0 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 4</td> <td>8 6 0 0 0 6 2 0 0 0 0 0 0 0 78 74 90 94 90 0 0 0 1 0 2 4 1 1 4 5 2 8 0 0 2 0 444 37 4 8 2 0 4 8 2 2 8 10 4 4 4 6 4 16 0 0</td> <td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 1 0 2 0 0 0 1 0 2 0 0 0 6 4 0 0 2 0 4 0 0 0 2 0 4 0 2 0 4 0 12 8 0 0</td> <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 9 0
 0 12 0 0 1 0 0 37 37 49 38 0 6 2 18 0 0 2 18 0 0 2 24 2 6 0 18 0 2 </td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 49 48 2 0 0 4 0 0 2 0 2 4 0 0 2 4 0 0 6 22 0 0</td> <td>14 0 0 0 24 0 10 0 14 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 05 1 0 0 0 3 05 4 0 2 0 0 0</td> <td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 66 94 76 0 0 0 0 0 0 0 0 1 0 0 3 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 7 0 1 0 0 0 0 0 0 0 0 0 0</td> <td>12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 2 62 84 68 0 0 0 0 0 0 0 0 0 10 0 0 0 11 0 4 0 0 40 28 50 33 0 14 0 20 0 14 0 20 0 18 0 18 0 16 20 2</td> <td>2 12
0 0
12 28
10 16
2 12
2 2
0 8
0 4
66 58
88 72
0 4
0 0
0 0
0 0
0
0 0
0
0
0
0
0
0
0
0
0
0
0
0
0</td> <td>0 2 0 0 0 4 0 2 0 0 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 1 5 0 0 1 5 0 0 44 36 49 43 0 4 2 10 0 0 2 10 0 4 2 10 0 4 2 10 0 14 0 14 0 0</td> <td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 62 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 36 32 50 38 0 10 0 28 0 14 28 4 0 4</td> <td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0</td> <td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 0 100 0 0 4 4 0 8 0 12 5 1 0 0 0 0 4 37 8 8 0 16 0 0 8 8 0 16 10 2 0 0</td> <td>2
0
14
12
2
8
8
0
0
0
0
42
43
43
43
43
43
43
43
43
43
43
43
43
43</td> <td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 86 88 0 0 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 24 0 24 0 0 0 0</td> <td>4 0 12 8 10 4 10 74 88 0</td> <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.00 77 1.7 114 2.5 3 0.0 77 1.7 114 2.5 3 0.0 77 1.7 114 2.5 3 0.0 194 4.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 5180 4.0 208 4.6 570 12.6 570</td> <td>22.54 9 0.17 0 96.07 0 49.75 9 0.17 9 0.17 9 0.17 9 0.17 9 0.17 9 0 9 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 2 16.84 7 49.38 3 0.25 2 97.06 0 20.00 2 44.88 7 1 8 1</td> <td>A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE S
50 SE S
4.60 0.70
4.10 0.61
7.03 1.05
0.50 0.08
9.85 1.47
4.47 0.67
6.70 1.00</td> <td>155.62
243.08
ample
lequacy
368.48
352.80</td>
 | 8 2 14 6 8 2 16 0 0 68 28 0 1 1 1 0 2 3 0 0 45 0 2 0 0 48 2 2 0 4 2 6 0 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 62 72 68 92 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 2 0 4 0 2 0 4 0 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 9 4 2 8 0 0 13 39 37 6 0 16 0 18 8 16 0 4 16 0 2 18 8 16 0 2 2 16 0 2 16 0 2 16 0 2 16 0 2
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 8 9 4 8 0 0 12 0 0 12 4 38 8 1 16 0 24 1 16 8 0 0 | 0 12 0 0 0 0 0 0 6 12 8 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 6 1 10 1 10 1 10 1 10 1 11 1 12 1 13 8 0 0 0 0 14 41 4 1 2 2 2 2 2 2 2 2 0 0 16

 | b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 4 4 0 0 11 2 4 4 0 6 7 2 4 4 0 35 44 8 0 12 4 8 14 8 14 4 | 2 4 0 0 4 26 2 24 2 24 2 24 2 14 0 8 0 0 82 62 96 74 0 0 0 0 0 0 0 0 12 13 0 6 1 14 7 0 0 1 42 35 42 35 0 12 2 16 0 0 2 2 0 12 2 16 14 0 0 2
 | 8 0 12 4 8 20 2 0 66 88 0 14 15 2 2 2 2 2 2 2 2 0 44 0 46 4 4 4 4 4 28 0 | 2 4
0 0
6 6
4 2
2 4
8 4
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 16 0 18 4 2 0 76 82 0 0 0 1 1 0 2 0 0 0 1 0 2 0 3 3 48 2 0 2 0 2 0 2 2 0 2 2 0 2 0 2 2 2 0 4 2 2 0 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 4

 | 8 6 0 0 0 6 2 0 0 0 0 0 0 0 78 74 90 94 90 0 0 0 1 0 2 4 1 1 4 5 2 8 0 0 2 0 444 37 4 8 2 0 4 8 2 2 8 10 4 4 4 6 4 16 0 0 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 1 0 2 0 0 0 1 0 2 0 0 0 6 4 0 0 2 0 4 0 0 0 2 0 4 0 2 0 4 0 12 8 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 9 0 0 12 0 0 1 0 0 37 37 49 38 0 6 2 18 0 0 2 18 0 0 2 24 2 6 0 18 0 2 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 49 48 2 0 0 4 0 0 2 0 2 4 0 0 2 4 0 0 6 22 0 0
 | 14 0 0 0 24 0 10 0 14 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 05 1 0 0 0 3 05 4 0 2 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 66 94 76 0 0 0 0 0 0 0 0 1 0 0 3 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 7 0 1 0 0 0 0 0 0 0 0 0 0
 | 12 8 0 0 16 32 6 24 10 8 0 0 4 6 0 0 2 62 84 68 0 0 0 0 0 0 0 0 0 10 0 0 0 11 0 4 0 0 40 28 50 33 0 14 0 20 0 14 0 20 0 18 0 18 0 16 20 2
 | 2 12
0 0
12 28
10 16
2 12
2 2
0 8
0 4
66 58
88 72
0 4
0 0
0 0
0 0
0
0 0
0
0
0
0
0
0
0
0
0
0
0
0
0 | 0 2 0 0 0 4 0 2 0 0 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 1 5 0 0 1 5 0 0 44 36 49 43 0 4 2 10 0 0 2 10 0 4 2 10 0 4 2 10 0 14 0 14 0 0 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 62 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 36 32 50 38 0 10 0 28 0 14 28 4 0 4 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 0 100 0 0 4 4 0 8 0 12 5 1 0 0 0 0 4 37 8 8 0 16 0 0 8 8 0 16 10 2 0 0 | 2
0
14
12
2
8
8
0
0
0
0
42
43
43
43
43
43
43
43
43
43
43
43
43
43 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 86 88 0 0 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 24 0 24 0 0 0 0 | 4 0 12 8 10 4 10 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.00 77 1.7 114 2.5 3 0.0 77 1.7 114 2.5 3 0.0 77 1.7 114 2.5 3 0.0 194 4.3 222 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 5180 4.0 208 4.6 570 12.6 570 | 22.54 9 0.17 0 96.07 0 49.75 9 0.17 9 0.17 9 0.17 9 0.17 9 0.17 9 0 9 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 2 16.84 7 49.38 3 0.25 2 97.06 0 20.00 2 44.88 7 1 8 1 | A.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE S
50 SE S
4.60 0.70
4.10 0.61
7.03 1.05
0.50 0.08
9.85 1.47
4.47 0.67
6.70 1.00
 | 155.62
243.08
ample
lequacy
368.48
352.80 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totol Cover Non- Solar Area (1N) Number of Points Forb Points All vegetation points Rock Litter Other Bare ground Total Non-Vegetation Percent Cover Grass Cover (%) Shrub Cover (%) Shrub Cover (%) Shrub Cover (%) Total Pornela Cover Total Annual/Biennial Rock Litter Other Total Pornela Cover Total Annual/Biennial Rock Litter Dother Total Pornela Cover Total Annual/Biennial Rock Litter Total Pornela Cover Total Annual/Biennial Rock Litter Cother Total Pornela Cover Total Annual/Biennial Rock Litter Dother Total Pornela Cover Total Pornela Cov | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 0 0 3 0 2 1 0 0 37 45 4 2 0 0 12 6 4 2 6 0 4 2 0 0
 | 8 2 14 6 8 2 16 0 68 86 28 0 3 4 1 1 0 2 3 0 45 0 2 0 0 2 2 0 0 2 2 0 48 2 2 0 0 2 2 0 4 2 2 0 4 2 2
0 4 2 2 0 4 0 2 0 4 0 1 0 2 0 6 0 0 0 | 14 2 0 0 32 8 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 1 0 2 0 0 0 33 0 12 4 2 0 0 0 33 46 47 50 4 0 0 0 2 0 4 0 0 0 4 0 0 0 | 0 4 0 0 8 24 6 20 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 9 4 8 0 0 9 4 2 8 16 0 0 0 18 8 16 0 0 0 18 8 16 0 0 0 16 0 0 0 16 0 0 0 18 8 16 0 0 0 16 0 0 0
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 0 0 12 4 0 0 12 4 0 0 34 4 8 1 16 0 24 1 8 1 16 8 0 0 | 0 12 0 0 0 0 6 12 8 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16 1 3 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

 | b 0 0 22 18 4 2 6 0 0 70 78 0 0 11 2 4 4 0 6 7 2 4 0 35 44 8 0 12 4 8 14 4 8 14 0 0 0 | 2 4
0 0
0
4 26
2 24
2 24
2 24
2 24
2 3
14 4
0 8
0 8
0 8
0 0
0 0
0 0
0 0
1 18
0 0
0 0
1 18
0 0
0 0
1 18
0 0
0 0
1 18
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 8 0 12 4 8 20 2 0 66 88 0 0 0 14 12 2 0 0 0 32 4 4 0 32 46 4 0 8 4 28 0 0 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0
 | 16 0 18 4 4 2 0 76 82 0 0 0 0 0 0 0 0 0 1 1 0 2 13 0 35 48 2 0 35 4 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 2 2 2 2 2 2 2 0 0
 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 0 0 78 74 790
94 99 94 2 4 1 0 2 4 1 1 4 5 2 8 0 0 2 8 0 0 2 2 4 4 4 4 4 6 2 2 8 10 4 4 4 6 0 0 0 0 0 0 | 0 16 0 0 6 32 6 16 0 16 20 0 0 0 74 48 94 68 0 0 0 0 2 0 0 0 2 0 0 0 2 0 4 0 0 0 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 0 0 0 0 0 0 0 0 </td <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 3 1 9 0 0 1 12 12 0 0 1 12 0 0 6 2 18 0 0 2 18 0 0 2 24 0 0 2 24 0 18 24 0 0 2 0 0</td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 45 37 49 48 2 0 0 4 2 0 0 0 2 4 2 0 0 0 2 4 0 0 2 4 0 0 6 22 2 0 0 0</td> <td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 39 35 4 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 30 0 0 0 0</td> <td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 3 1 0 0 0 1 3 2 7 0 1 3 2 7 0 0 0 47 39 47 39 47 0 0 6 0 0 0 0 2 0 0 0 2 0 4 14 0</td> <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 7 0 10 0 0 0 17 10 1 0 4 0 0 40 28 50 33 0 14 0 20 0 0 0 18 0 16 20 2 0 8</td> <td>2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 0 0 18 0 0 0 10 0 26 0 10 0 6 0 6 0 6</td> <td>0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0</td> <td>8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 14 2 0 0 18 0 0 0 14 28 0 14 28 4 0 0 4</td> <td>2 4 0 0 2 4 0 2 2 4 0 0 0 0 98 94 99 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 37 4 38 0 16 10 2 0 0</td><td>2
0
14
12
2
8
8
6
6
0
0
6
2
8
6
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24 0 0 0 0 0 0 0 0 0 0</td><td>4 0 12 8 10 4 10 74 88 0 74 88 0 </td></t<><td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 1774 38.8 2056 45.6 3 0.0 1749 38.8 2056 45.6 3 0.0 154 3.4 228 5.0 388 8.6 180 4.0 208 4.6 570 12.6 544 0.9 0.0 0.0 </td><td>1 22.54 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE A
6
7.05 1.05
7.03 1.05</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td> | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 3 1 9 0 0
 1 12 12 0 0 1 12 0 0 6 2 18 0 0 2 18 0 0 2 24 0 0 2 24 0 18 24 0 0 2 0 0 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 82 86 96 96 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 45 37 49 48 2 0 0 4 2 0 0 0 2 4 2 0 0 0 2 4 0 0 2 4 0 0 6 22 2 0 0 0 | 14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 39 35 4 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 30 0 0 0 0
 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 0 3 1 0 0 0 1 3 2 7 0 1 3 2 7 0 0 0 47 39 47 39 47 0 0 6 0 0 0 0 2 0 0 0 2 0 4 14 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 7 0 10 0 0 0 17 10 1 0 4 0 0 40 28 50 33 0 14 0 20 0 0 0 18 0 16 20 2 0 8
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 0 0 18 0 0 0 10 0 26 0 10 0 6 0 6 0 6 | 0 2
0 0
0 4
0 2
26 0
2 2
0 0
72 92
100 94
0 0
72 92
100 94
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 | 8 6 0 0 8 18 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 2 0 0 14 2 0 0 18 0 0 0 14 28 0 14 28 4 0 0 4 | 2 4 0 0 2 4 0 2 2 4 0 0 0 0 98 94 99 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 37 4 38 0 16 10 2 0 0</td><td>2
0
14
12
2
8
8
6
6
0
0
6
2
8
6
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24 0 0 0 0 0 0 0 0 0 0</td><td>4 0 12 8 10 4 10 74 88 0 74 88 0 </td></t<> <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 1774 38.8 2056 45.6 3 0.0 1749 38.8 2056 45.6 3 0.0 154 3.4 228 5.0 388 8.6 180 4.0 208 4.6 570 12.6 544 0.9 0.0 0.0 </td> <td>1 22.54 9 0.17 0 96.07 0 49.75 9 </td> <td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE A
6
7.05 1.05
7.03 1.05</td> <td>155.62
243.08
ample
lequacy
368.48
352.80</td> | 6 2 0
 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 94 96 0 100 0 0 0 100 0 0 4 4 0 8 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 37 4 38 0 16 10 2 0 0 | 2
0
14
12
2
8
8
6
6
0
0
6
2
8
6
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24 0 0 0 0 0 0 0 0 0 0 | 4 0 12 8 10 4 10 74 88 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 146 3.2 0 0.0 777 1.7 114 2.5 3 0.0 194 4.3 285 6.3 22 0.4 0 0.0 1774 38.8 2056 45.6 3 0.0 1749 38.8 2056 45.6 3 0.0 154 3.4 228 5.0 388 8.6 180 4.0 208 4.6 570 12.6 544 0.9 0.0 0.0 | 1 22.54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
50 SE A
6
7.05 1.05
7.03 1.05 | 155.62
243.08
ample
lequacy
368.48
352.80 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Cher Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totoa Cover Non- Solar Area (1N) Number of Points per Tr Grass Points Forb Points All vegetation points Rock Litter Grass Cover (%) Forb Cover Grass Cover (%) Forb Cover Grass Cover (%) Forb Cover Grass Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non-Vegetation Total Non-Vegetation Rock Litter Cotal Annual/Biennial Rock Litter Cotal Annual/Biennial Rock Litter Cotal Annual/Biennial Rock Litter Cotal Annual/Biennial Rock Litter Cotal Rock Li | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 0 0 11 2 0 0 11 2 12 1 0 0 37 45 42 46 12 6 4 2 6 0 4 2 6 0 74 90 94 97
 | 8 2 14 6 8 2 16 8 2 6 28 0 3 4 1 1 1 1 2 3 3 0 445 48 2 2 0 0 45 4 2 0 0 0 45 0 0 0 4 2 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 | 14 2 18 6 14 2 2 14 4 6 0 0 68 92 0 0 68 92 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 4 0 0 0 2 0 4 0 0 0 24 8 4 0 0 0 24 8 4 0 0 0 66 92 0 0 66 92 0 0 66 92 04 40 | 0 4 0 0 8 24 6 20 0 12 4 20 0 12 4 20 0 18 0 0 76 7 0 18 0 0 0 0 1 4 8 0 0 0 39 37 41 46 2 8 16 0 0 0 18 8 2 8 16 0 4 16 0 2 8 74
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 12 4 0 0 12 4 0 0 34 4 8 1 16 0 0 0 24 1 16 8 0 0 68 8 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 1 3 8 0 0 0 0 1 4 2 0 0 0 2 2 0 0 2 2 0 0 0 0 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 4 2 4 6 7 2 4 6 7 2 4 8 4 8 12 4 8 14 4 0 70 20</td> <td>2 4
0 0
4 26
2 24
2 24
2 24
14 4
0 8
0 8
0 8
0 8
0 0
0 0
0 0
0 0</td> <td>8 0 12 4 8 20 2 0 66 88 0 0 14 1! 2 2 0 0 2 0 0 0 2 2 0 0 32 0 46 4 4 4 0 8 4 4 28 0 0 0 64 0 64 0</td> <td>2 4 0 0 6 6 4 2 2 4 8 4 0 0 8 4 0 0 86 90 94 94 0 0<td>16 0 18 4 2 0 76 82 0 0 0 0 0 17 18 1 1 1 1 1 1 13 0 355 4 2 2 2
 2 2 2 3 <</td><td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 0 4 4 4 4 4 6 4 6 4 16 0 0 88 74 88 74</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 2 0 0 0 3 0 6 4 0 0 4 0 2 0 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 0 0 0 0 0 0</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 0 0 2 24 0 0 74 74 0 0</td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 0 49 48 2 0 0 4 2 0 0 4 2 4 0 0 2 0 0 0 2 0 0 0 90 74</td><td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 30 0 39 35 4 0 2 0 6 0 6 0 0 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 15 1</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0</td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 10 0 10 0 10 0 0 40 28 50 33 0 14 0 20 0 14 0 20 0 34 0 16 20 2 0 8 0 0</td><td>2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0 0 3 0 0 38 31 50 37 0 8 0 10 0 16 24 6 0 16 24 6 0 0</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 94 72 92 100 94 0 0 0 0 0 0 0 2 1 5 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 14 0 0 2 14 0 4 2 10 10 14 0 0 88 72 98 72</td><td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 0 68 76 92 82 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 0 0 14 0 14 0 4 0 0 72 64</td><td>2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 99 94 99 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 40 41 4 4 0 8 0 0 4 4 0 8 0 0 4 37 46 38 0 10 4 37 46 38 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
62
86
0
0
0
0
0
0
1
1
11
0
0
0
1
1
11
0
0
0
0
1
1
11
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 38 31 50 36 0 0 0 24 0 0 0 24 0 0 0 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>4 0 12 8 4 10 4 0 74 88 0
 0 0</td><td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 900 86.8 900 86.8 900 86.8 900 9.0 90 0.0 90 0.0 90 9.4 9144 3.2 92 0.4 94 3.3 926 6.3 922 0.4 0.00 1749 98.8 2056 154 3.4 228 5.0 154 3.4 228 5.0 12.6 4.6 570 12.6 440 9.0 0 0.0 3498 77.7 </td><td>1 22,54 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
ample
lequacy
368.48
352.80</td></td> | b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 4 2 4 6 7 2 4 6 7 2 4 8 4 8 12 4 8 14 4 0 70 20 | 2 4
0 0
4 26
2 24
2 24
2 24
14 4
0 8
0 8
0 8
0 8
0 0
0 0
0 0
0 0
 | 8 0 12 4 8 20 2 0 66 88 0 0 14 1! 2 2 0 0 2 0 0 0 2 2 0 0 32 0 46 4 4 4 0 8 4 4 28 0 0 0 64 0 64 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 8 4 0 0 86 90 94 94 0 0 <td>16 0 18 4 2 0 76 82 0 0 0 0 0 17 18 1 1 1 1 1 1 13 0 355 4 2 2 3 <</td> <td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 0 4 4 4 4 4 6 4 6 4 16 0 0 88 74 88 74</td> <td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 2 0 0 0 3 0 6 4 0 0 4 0 2 0 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 0 0 0 0 0 0</td> <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 0 0 2 24 0 0 74 74 0 0</td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 0 49 48 2 0 0 4 2 0 0 4 2 4 0 0 2 0 0 0 2 0 0 0 90 74</td> <td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 30 0 39 35 4 0 2 0 6 0 6 0 0 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 15 1</td> <td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84
 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0</td> <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 10 0 10 0 10 0 0 40 28 50 33 0 14 0 20 0 14 0 20 0 34 0 16 20 2 0 8 0 0</td> <td>2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0 0 3 0 0 38 31 50 37 0 8 0 10 0 16 24 6 0 16 24 6 0 0</td> <td>0 2 0 0 0 4 0 2 26 0 2 2 0 94 72 92 100 94 0 0 0 0 0 0 0 2 1 5 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 14 0 0 2 14 0 4 2 10 10 14 0 0 88 72 98 72</td> <td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 0 68 76 92 82 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 0 0 14 0 14 0 4 0 0 72 64</td> <td>2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 99 94 99 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 40 41 4 4 0 8 0 0 4 4 0 8 0 0 4 37 46 38 0 10 4 37 46 38 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>2
0
14
12
2
8
8
6
0
0
62
86
0
0
0
0
0
0
1
1
11
0
0
0
1
1
11
0
0
0
0
1
1
11
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0</td> <td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 38 31 50 36 0 0 0 24 0 0 0 24 0 0 0 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>4 0 12 8 4 10 4 0 74 88 0</td> <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 900 86.8 900 86.8 900 86.8 900 9.0 90 0.0 90 0.0 90 9.4 9144 3.2 92 0.4 94 3.3 926 6.3 922 0.4 0.00 1749 98.8 2056 154 3.4 228 5.0 154 3.4 228 5.0 12.6 4.6 570 12.6 440 9.0 0 0.0 3498 77.7 </td> <td>1 22,54 9 0.17 0 96.07 0 49.75 9 </td> <td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td> <td>155.62
243.08
ample
lequacy
368.48
352.80</td> | 16 0 18 4 2 0 76 82 0 0 0 0 0 17 18 1 1 1 1 1 1 13 0 355 4 2 2 3 <
 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0
 44 37 46 45 2 0 4 4 4 4 4 6 4 6 4 16 0 0 88 74 88 74 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 2 0 0 0 3 0 6 4 0 0 4 0 2 0 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 0 0 0 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 0 0 2 24 0 0 74 74 0 0 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 0 49 48 2 0 0 4 2 0 0 4 2 4 0 0 2 0 0 0 2 0 0 0 90 74
 | 14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 30 0 39 35 4 0 2 0 6 0 6 0 0 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 14 30 2 0 15 1 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 84 68 94 76 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 10 0 10 0 10 0 0 40 28 50 33 0 14 0 20 0 14 0 20 0 34 0 16 20 2 0 8 0 0
 | 2 12 0 0 12 28 10 16 2 12 2 2 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 3 0 0 0 3 0 0 38 31 50 37 0 8 0 10 0 16 24 6 0 16 24 6 0 0 | 0 2 0 0 0 4 0 2 26 0 2 2 0 94 72 92 100 94 0 0 0 0 0 0 0 2 1 5 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 14 0 0 2 14 0 4 2 10 10 14 0 0 88 72 98 72 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 0 68 76 92 82 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 0 0 14 0 14 0 4 0 0 72 64 | 2 4 0 0 2 6 0 2 2 4 0 30 0 0 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 98 94 99 94 99 94 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 6 2 0 0 6 4 0 2 6 2 14 0 0 0 80 96 94 96 0 100 0 0 0 100 0 0 40 41 4 4 0 8 0 0 4 4 0 8 0 0 4 37 46 38 0 10 4 37 46 38 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2
0
14
12
2
8
8
6
0
0
62
86
0
0
0
0
0
0
1
1
11
0
0
0
1
1
11
0
0
0
0
1
1
11
0
0
0
0
2
2
0
0
0
2
2
0
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 12 0 0 12 5 0 0 38 31 50 36 0 0 0 24 0 0 0 24 0 0 0 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 900 86.8 900 86.8 900 86.8 900 9.0 90 0.0 90 0.0 90 9.4 9144 3.2 92 0.4 94 3.3 926 6.3 922 0.4 0.00 1749 98.8 2056 154 3.4 228 5.0 154 3.4 228 5.0 12.6 4.6 570 12.6 440 9.0 0 0.0 3498 77.7 | 1 22,54 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08
ample
lequacy
368.48
352.80 |
| Forb Cover (%) Forb Cover (%) Total Veg Cover Total Annual/Biennial Rock Litter Cher Bare ground Total Non Veg Cover Disturbance Informal roads (%) Mowed (%) Totol Veg Cover Non- Solar Area (1N) Number of Points per Tr Grass Points Forb Points All vegetation points Rock Litter Other Bare ground Total Non-Vegetation Percent Cover Total Annual/Biennial Rock Litter Other Bare ground Total Non-Vegetation Percent Cover Total Perennial Cover Total Annual/Biennial Rock Litter Dother Bare ground Total Non-Vegetation Percent Cover Total Perennial Cover Total Annual/Biennial Rock Litter Dother Bare ground Total Non-Vegetation Percent Cover Dotal Annual/Biennial Rock Litter Dother Dotal Non-Vegetation Dotal Non-Vegetation Dotal Non-Vegetation Dotal Non-Vegetation Dotal Non-Vegetation Dotal Non-Veg Cover Dotal Dotal Non-Veg Cover Dotal Dotal Non Veg Cover Disturbance Disturbance | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 3 0 0 3 0 2 1 0 0 3 0 2 1 0 0 3 0 2 1 0 0 3 0 2 1 0 0 3 0 2 1 4 2 <td>8 2 14 6 8 2 16 0 0 68 28 0 28 0 1 1 1 1 1 2 3 0 45 3 0 0 45 2 2 0 4 2 2 0 4 2 2 0 90 90 90 90</td> <td>14 2 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 2 0 4 0 2 0 4 0 24 8 4 0 0 0 66 92 94 100</td> <td>0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 0 2 8 0 1 2 8 0 1 2 8 16 0 18 8 2 8 16 0 18 8 2 8 16 0 18 8 16 0 17 2 18 8 18 8 14 16 0 2 18 74 18<td>0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 0 0 12 4 4 8 0 0 34 4 38 1 16 0 8 1 16 8 0 0 68 8 76 8</td><td>0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 3 8 0 0 1 41 4 49 2 0 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 2 2 2 2 0 0 0 0<td>b 0 0 22 18 4 2 6 0 70 78 7 0 0 11 2 4 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 4 8 14 4 0 70 88 14 4 0 70 88</td><td>2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 8 0 0 1 14 7 0 0 1 0 1 1 14 7 0 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 14 0 0 2 0 12 2 16 14 0 0 2 0 2 0 2 0 2 0 2 0 2 <td>8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 32 4 4 4 4 4 4 28 0 64 92</td><td>2 4 0 0 6 6 4 2 2 4 8 4 0 0</td><td>16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 35 4 2 0 35 4 2 0 2 0 35 4 2 0 2 0 70 8</td><td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 2 8 10 4 4 4 6 2 2 8 10 4 4 4 6 2 2 8 10 4 6 2 2 2 2 2 10</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0
 2 0 4 0 12 8 0 0 4 0 12 8 0 0 6 0 2 0 4 0 0 0 0 <</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 2 6 0 18 24 0 0 2 0 17 74 74</td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 4 0 0 2 0 0 4 0 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0<td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0 0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0 <</td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<></td></td></td></td></td>
 | 8 2 14 6 8 2 16 0 0 68 28 0 28 0 1 1 1 1 1 2 3 0 45 3 0 0 45 2 2 0 4 2 2 0 4 2 2 0 90 90 90 90 | 14 2 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 12 4 2 0 0 0 33 46 47 50 2 0 4 0 2 0 4 0 24 8 4 0 0 0 66 92 94 100 | 0 0 0 0 8 24 6 20 2 4 20 0 0 12 0 0 72 64 92 76 0 18 0 0 1 4 8 0 0 0 2 8 0 1 2 8 0 1 2 8 16 0 18 8 2 8 16 0 18 8 2 8 16 0 18 8 16 0 17 2 18 8 18 8 14 16 0 2 18 74 18 <td>0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 0 0 12 4 4 8 0 0 34 4 38 1 16 0 8 1 16 8 0 0 68 8 76 8</td> <td>0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 3 8 0 0 1 41 4 49 2 0 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 2 2 2 2 0 0 0 0<td>b 0 0 22 18 4 2 6 0 70 78 7 0 0 11 2 4 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 4 8 14 4 0 70 88 14 4 0 70 88</td><td>2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 8 0 0 1 14 7 0 0 1 0 1 1 14 7 0 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 14 0 0 2 0 12 2 16 14 0 0 2 0 2 0 2 0 2 0 2 0 2 <td>8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 32 4 4 4 4 4 4 28 0 64 92</td><td>2 4 0 0 6 6 4 2 2 4 8 4 0 0</td><td>16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 35 4 2 0 35 4 2 0 2 0 35 4 2 0 2 0 70 8</td><td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 2 8 10 4 4 4 6 2 2 8 10 4 4 4 6 2 2 8 10 4 6 2 2 2 2 2 10</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 6 0 2 0 4 0 0 0 0 <</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 2 6 0 18 24 0 0 2 0 17 74 74</td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 4 0 0 2 0 0 4 0 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0<td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0
0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0 <</td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<></td></td></td></td> | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 0 0 12 4 4 8 0 0 34 4 38 1 16 0 8 1 16 8 0 0 68 8 76 8 | 0 12 0 0 0 0 8 0 6 12 8 4 6 0 0 0 2 84 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 3 8 0 0 1 41 4 49 2 0 0 0 0 2 2 2 0 0 0 0 0 0 0 0 0 0 2 2 2 2 0 0 0 0 <td>b 0 0 22 18 4 2 6 0 70 78 7 0 0 11 2 4 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 4 8 14 4 0 70 88 14 4 0 70 88</td> <td>2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 8 0 0 1
 14 7 0 0 1 0 1 1 14 7 0 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 14 0 0 2 0 12 2 16 14 0 0 2 0 2 0 2 0 2 0 2 0 2 <td>8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 32 4 4 4 4 4 4 28 0 64 92</td><td>2 4 0 0 6 6 4 2 2 4 8 4 0 0</td><td>16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 35 4 2 0 35 4 2 0 2 0 35 4 2 0 2 0 70 8</td><td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 2 8 10 4 4 4 6 2 2 8 10 4 4 4 6 2 2 8 10 4 6 2 2 2 2 2 10</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 6 0 2 0 4 0 0 0 0 <</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 2 6 0 18 24 0 0 2 0 17 74 74</td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 4 0 0 2 0 0 4 0 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0<td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0 0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0 <</td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0
0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<></td></td></td> | b 0 0 22 18 4 2 6 0 70 78 7 0 0 11 2 4 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 4 8 14 4 0 70 88 14 4 0 70 88 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 13 0 6 1 8 0 0 1 14 7 0 0 1 0 1 1 14 7 0 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 0 12 2 16 14 0 0 2 0 12 2 16 14 0 0 2 0 2 0 2 0 2 0 2 0 2 <td>8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 32 4 4 4 4 4 4 28 0 64 92</td> <td>2 4 0 0 6 6 4 2 2 4 8 4 0 0</td> <td>16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 35 4 2 0 35 4 2 0 2 0 35 4 2 0 2 0 70 8</td> <td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 2 8 10 4 4 4 6 2 2 8 10 4 4 4 6 2 2 8 10 4 6 2 2 2 2 2 10</td> <td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 6 0 2 0 4 0 0 0 0 <</td> <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 2 6 0 18 24 0 0 2 0 17 74 74</td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 4 0 0 2 0 0 4 0 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0<td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0 0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0 <</td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17
10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<></td></td> | 8 0 12 4 8 20 0 66 88 0 14 12 2 2 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 32 4 4 4 4 4 4 28 0 64 92 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 11 1 1 1 1 1 1 0 35 4 2 0 35 4 2 0 2 0 35 4 2 0 2 0 70 8

 | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 44 37 46 45 2 2 8 10 4 4 4 6 2 2 8 10 4 4 4 6 2 2 8 10 4 6 2 2 2 2 2 10 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 0 12 8 0 0 6 0 2 0 4 0 0 0 0 <
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 12 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 12 0 0 1 2 24 2 6 0 18 24 0 0 2 0 17 74 74 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 4 0 0 2 0 0 4 0 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0 <td>14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0 0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0 <</td> <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<></td> | 14 0 0 0 0 0 10 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 38 35 47 50 4 0 2 0 6 0 6 0 0 0 0 0 14 30 2 0 14 30 2 0 0 0 0 0 14 30 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 3 2 7 0 1 3 49 47 39 49 477 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 6 2 0 0 2 0 14 0
 < | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 10 0 17 10 1 0 4 0 0 0 17 10 1 0 4 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 0 16 20 0 <t< td=""><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72</td><td>2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0
 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td></td></t<> | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 0 12 3 0 9 0 0 12 3 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 0 0 18 0 0 0 16 24 6 0 0 0 0 16 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 0 2 10 0 0 2 10 10 14 0 0 2 10 10 14 0 0 0 0 0 0 0 0 0 0 0 0 0 | 8 6 0 0 8 14 24 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14 14 2 0 0 0 14 14 2 0 0 0 14 0 0 0 14 28 4 0 0 72 64 00 72 | 2 4
0 0
2 6
0 2
2 4
0 30
0 0
0 0
0 0
0 0
0 0
0 0
0
 | 6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 8 4 4 0 8 0 0 4 12 0 0 0 0 4 37 46 38 8 8 0 0 0 0 0 0 0 0 0 0 8 8 0 16 10 2 0 0 0 0 0 0 0 0 0 0 | 2
0
14
12
2
8
8
6
0
0
0
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
1
1
1
1
0
0
0
0
2
2
0
0
2
2
0
0
0
2
2
0
0
0
0 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 < | 4 0 12 8 4 10 4 0 74 88 0 74 88 0 <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<></td> | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 77 1.7 144 2.2 0 0.0 77 1.7 114 2.5 3 0.0 194 4.3 22 0.4 0 0.0 177 1.7 174 2.5 3 0.0 194 4.3 22 0.4 0 0.0 1749 38.8 2056 45.6 154 3.4 228 5.0 6 0.1 388 8.6 180 4.0 9.0 0.0 3498 <td< td=""><td>22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 </td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></td<> | 22.54 9 0.17 9 0.17 0 96.07 0 49.75 9 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70

 | 155.62
243.08
368.48
352.80 |
| Forb Cover (%)
Forb Cover (%)
Total Veg Cover
Total Perennial Cover
Total Annual/Biennial
Rock
Litter
Other
Bare ground
Total Non Veg Cover
Disturbance
Informal roads (%)
Mowed (%)
1-foct Cover Non-
Solar Area (1N)
Number of Points per Tri
Grass Points
Shrub Points
All vegetation points
Rock
Litter
Other
Bare ground
Total Non-Vegetation
Percent Cover
Grass Cover (%)
Shrub Cover (%)
Shrub Cover (%)
Shrub Cover (%)
Total Veg Cover
Total Perennial Cover
Total Non Veg Cover
Disturbance
Informal roads (%) | 10 8 0 0 18 8 10 4 8 4 0 12 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2 1 0 0 0 3 0 2 1 0 0 3 0 2 1 0 0 37 45 42 46 12 6 4 2 0 0 4 2 0 0 44 2 0 <t< td=""><td>8 2 14 6 8 2 16 0 0 68 86 28 0 28 0 1 1 1 1 1 1 0 2 3 0 0 45 48 2 0 4 2 0 0 4 2 0 0 90 996 0 0</td><td>14 2 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 1 0 2 0 0 0 1 0 2 0 0 0 3 46 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 6 0 24 8 4 0 0 0 66 92 94 100</td><td>0 0 0 0 8 24 6 20 0 12 0 0 72 64 90 0 0 18 0 0 6 7 6 7 9 4 2 8 0 1 0 0 39 37 341 46 2 8 16 0 0 0 39 37 316 0 2 8 16 0 0 0 78 74 82 92</td><td>0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 4 8 0 0 12 4 0 0 34 4 38 4 0 0 24 1 16 8 0 0 0 68 8 1 16 8 0 0 0 68 36 76 38 10</td><td>0 12 0 0 0 0 0 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16 1 3 8 0 0 0 0 1 44 2 0 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2</td><td>b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 2 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 8 14 4 8 14 4 0 70 88 0 0 0</td><td>2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11 14 7 0 0 1 1 14 0 0 1 14 0 0 12 16 0 0 12 16 0 0 12 16 0 0 14 0 0 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>8 0 12 4 8 20 2 0 66 88 0 14 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 32 46 4 4 4 4 4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 64 0</td><td>2 4 0 0 6 6 4 2 2 4 8 4 0 0 94 94 0 0</td><td>16 0 18 4 2 0 76 82 0 0 0 0 1 1 1 1 1 1 1 1 0 2 13 0 35 48 2 2 2 2 2 2 2 2 2 2 2 2 0 35 4 2 3 3 4 <!--</td--><td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 46 45 2 0 4 6 2 2 8 10 4 4 4 6 2 90 3 10 4 4 4 6 92 90 5 90 0 0</td><td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0
 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 100 6 0 2 0 4 0 12 8 0 0 0 0 0</td><td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 2 0 0 2 18 0 0 2 18 0 0 2 2 0 18 24 0 0 0 74 98 76 </td><td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 0 2 0 0 0 2 0 0 0 90 74 98 96</td><td>14 0 0 0 24 0 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 39 35 47 50 4 0 2 0 0 0</td><td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 0 94 78 98 94 </td><td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 17 10 1 0 44 0 0 0 17 10 1 0 44 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 16 20 2 0 8 0 0 0 0 0 0 0 16 20 2 0 8 0 0 0 0 0 0</td><td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 4 0 9 0 4 0 9 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 10 0 26 0 10 0 26 0 0 16 24 0 0 0 0 0</td><td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 2 14 0 4 2 10 10 14 0 0 0 0 88 72 98 86 1 0</td><td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 5 0 9 0 0 0 14 2 0 0 14 2 0 0 14 0 0 0 14 0 14 0 14 0 14 0 14 0 0 0 14 0 0 14 2 0 0 14 14 15 14 16</td><td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td><td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 38 0 0 4 12 0 0 0 0 4 24 8 8 0 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>2
0
14
12
2
8
8
6
0
0
0
0
42
43
6
2
43
6
2
43
7
0
0
0
1
1
1
1
1
1
1
1
0
0
0
8
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
7
7
8
8
7
8
8
7
8
8
8
8</td><td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>4 0 12 8 4 10 4 0 74 88 0</td><td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 50 77 177 1.7 114 2.5 3 0.0 194 4.3 222 0.4 0 0.0 194 3.8 2256 45.6 0 0.0 194 3.8 2056 45.6 0 0.0 164 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 4.6 44 0.9 0 0.0 11412 91.3 184 <t< td=""><td>22.54 9 0 9 0 9 0 9 0 9 9 9 9 9 9 9 9 9 9 1
 3 7 1 3 0 7 9 2 16.84 7 9 2 16.84 7 9 2 16.84 7 8 0 2 2 44.88 7 8 9 10 11 12 13 14 15 16</td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></t<></td></td></t<> | 8 2 14 6 8 2 16 0 0 68 86 28 0 28 0 1 1 1 1 1 1 0 2 3 0 0 45 48 2 0 4 2 0 0 4 2 0 0 90 996 0 0 | 14 2 18 6 14 2 2 14 4 6 0 0 68 92 0 0 0 0 0 0 0 0 1 0 2 0 0 0 1 0 2 0 0 0 3 46 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 2 0 4 0 0 0 6 0 24 8 4 0 0 0 66 92 94 100 | 0 0 0 0 8 24 6 20 0 12 0 0 72 64 90 0 0 18 0 0 6 7 6 7 9 4 2 8 0 1 0 0 39 37 341 46 2 8 16 0 0 0 39 37 316 0 2 8 16 0 0 0 78 74 82 92
 | 0 0 2 1 2 0 18 0 0 0 80 7 98 8 0 0 0 0 0 0 0 0 4 8 0 0 12 4 0 0 34 4 38 4 0 0 24 1 16 8 0 0 0 68 8 1 16 8 0 0 0 68 36 76 38 10 | 0 12 0 0 0 0 0 0 6 12 8 4 6 0 0 0 2 84 6 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16 1 3 8 0 0 0 0 1 44 2 0 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2

 | b 0 0 22 18 4 2 6 0 70 70 78 0 0 11 2 2 4 0 0 2 4 0 0 2 4 0 0 35 44 8 0 12 4 8 14 4 8 14 4 0 70 88 0 0 0 | 2 4 0 0 4 26 2 24 2 2 14 4 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11 14 7 0 0 1 1 14 0 0 1 14 0 0 12 16 0 0 12 16 0 0 12 16 0 0 14 0 0 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0
 | 8 0 12 4 8 20 2 0 66 88 0 14 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 32 46 4 4 4 4 4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 64 0 | 2 4 0 0 6 6 4 2 2 4 8 4 0 0 94 94 0 0
 | 16 0 18 4 2 0 76 82 0 0 0 0 1 1 1 1 1 1 1 1 0 2 13 0 35 48 2 2 2 2 2 2 2 2 2 2 2 2 0 35 4 2 3 3 4 </td <td>8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 46 45 2 0 4 6 2 2 8 10 4 4 4 6 2 90 3 10 4 4 4
 6 92 90 5 90 0 0</td> <td>0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 100 6 0 2 0 4 0 12 8 0 0 0 0 0</td> <td>12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 2 0 0 2 18 0 0 2 18 0 0 2 2 0 18 24 0 0 0 74 98 76 </td> <td>2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 0 2 0 0 0 2 0 0 0 90 74 98 96</td> <td>14 0 0 0 24 0 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 39 35 47 50 4 0 2 0 0 0</td> <td>6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 0 94 78 98 94 </td> <td>12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 17 10 1 0 44 0 0 0 17 10 1 0 44 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 16 20 2 0 8 0 0 0 0 0 0 0 16 20 2 0 8 0 0 0 0 0 0</td> <td>2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 4 0 9 0 4 0 9 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 10 0 26 0 10 0 26 0 0 16 24 0 0 0 0 0</td> <td>0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 2 14 0 4 2 10 10 14 0 0 0 0 88 72 98 86 1 0</td> <td>8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 5 0 9 0 0 0 14 2 0 0 14 2 0 0 14 0 0 0 14 0 14 0 14 0 14 0 14 0 0 0 14 0 0 14 2 0 0 14 14 15 14 16</td> <td>2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94
</td> <td>6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 38 0 0 4 12 0 0 0 0 4 24 8 8 0 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>2
0
14
12
2
8
8
6
0
0
0
0
42
43
6
2
43
6
2
43
7
0
0
0
1
1
1
1
1
1
1
1
0
0
0
8
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
7
7
8
8
7
8
8
7
8
8
8
8</td> <td>4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td> <td>4 0 12 8 4 10 4 0 74 88 0</td> <td>284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 50 77 177 1.7 114 2.5 3 0.0 194 4.3 222 0.4 0 0.0 194 3.8 2256 45.6 0 0.0 194 3.8 2056 45.6 0 0.0 164 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 4.6
 44 0.9 0 0.0 11412 91.3 184 <t< td=""><td>22.54 9 0 9 0 9 0 9 0 9 9 9 9 9 9 9 9 9 9 1 3 7 1 3 0 7 9 2 16.84 7 9 2 16.84 7 9 2 16.84 7 8 0 2 2 44.88 7 8 9 10 11 12 13 14 15 16</td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></t<></td> | 8 6 0 0 10 6 6 2 4 4 12 20 0 0 78 74 90 94 90 94 1 0 2 4 1 1 4 5 2 8 0 0 46 45 2 0 4 6 2 2 8 10 4 4 4 6 2 90 3 10 4 4 4 6 92 90 5 90 0 0 | 0 16 0 0 6 32 6 16 0 16 20 0 0 20 0 0 74 48 94 68 0 0 0 0 0 0 0 0 1 0 2 0 0 0 3 0 6 4 0 0 2 0 4 0 2 0 4 0 2 0 4 0 12 8 0 0 4 100 6 0 2 0 4 0 12 8 0 0 0 0 0
 | 12 16 2 0 30 34 20 18 10 16 4 4 16 8 0 0 50 54 70 66 0 0 0 0 0 0 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 9 0 0 1 2 0 0 2 18 0 0 2 18 0 0 2 2 0 18 24 0 0 0 74 98 76 | 2 2 0 0 4 4 4 2 0 2 14 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 0 1 0 0 2 0 0 49 48 2 0 0 4 0 0 2 0 0 0 2 0 0 0 90 74 98 96
 | 14 0 0 0 24 0 10 0 6 26 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 39 35 47 50 4 0 2 0 0 0 | 6 12 0 0 6 24 0 12 6 12 10 4 0 4 0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 6 2 0 0 6 2 0 0 6 2 0 0 6 2 0 0 2 0 0 94 78 98 94
 | 12 8 0 0 16 32 6 24 10 8 8 0 4 6 0 0 72 62 84 68 0 0 0 0 0 0 0 0 0 10 0 17 10 1 0 44 0 0 0 17 10 1 0 44 0 0 0 11 0 4 0 0 0 14 0 20 0 34 0 16 20 2 0 8 0 16 20 2 0 8 0 0 0 0 0 0 0 16 20 2 0 8 0 0 0 0 0 0
 | 2 12 0 0 12 28 10 16 2 12 0 8 0 4 66 58 88 72 0 0 0 0 0 0 0 0 0 4 0 9 0 4 0 9 0 4 0 9 0 0 12 3 0 0 12 3 0 0 38 31 50 37 0 8 0 10 0 26 0 10 0 26 0 0 16 24 0 0 0 0 0 | 0 2 0 0 0 4 0 2 26 0 2 2 0 0 72 92 100 94 0 0 0 0 0 0 0 0 0 0 1 5 7 0 0 0 1 7 5 7 0 0 44 36 49 43 0 4 2 10 0 0 2 14 0 4 2 10 10 14 0 0 0 0 88 72 98 86 1 0 | 8 6 0 0 0 14 8 4 24 4 0 2 0 0 68 76 92 82 0 0 0 0 0 0 0 0 0 0 0 5 0 9 0 0 0 14 2 0 0 14 2 0 0 14 0 0 0 14 0 14 0 14 0 14 0 14 0 0 0 14 0 0 14 2 0 0 14 14 15 14 16 | 2 4
0 0
0 2
2 6
0 2
2 4
0 30
0 0
0 0
98 64
98 94

 | 6 2 0 0 6 2 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 38 0 0 4 12 0 0 0 0 4 24 8 8 0 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2
0
14
12
2
8
8
6
0
0
0
0
42
43
6
2
43
6
2
43
7
0
0
0
1
1
1
1
1
1
1
1
0
0
0
8
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
6
7
8
7
7
8
8
7
8
8
7
8
8
8
8 | 4 2 0 0 4 12 0 10 4 2 18 6 0 4 0 0 78 78 96 88 0 0 0 0 0 0 0 12 0 0 0 12 0 0 12 5 0 0 0 14 12 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 < | 4 0 12 8 4 10 4 0 74 88 0 | 284 6.3 4 0.0 594 13.2 342 7.6 252 5.6 418 9.2 184 4.0 4 0.0 3280 72.8 3906 86.8 0 0.0 50 77 177 1.7 114 2.5 3 0.0 194 4.3 222 0.4 0 0.0 194 3.8 2256 45.6 0 0.0 194 3.8 2056 45.6 0 0.0 164 3.4 228 5.0 6 0.1 388 8.6 180 4.0 208 4.6 44 0.9 0 0.0 11412 91.3 184 <t< td=""><td>22.54 9 0 9 0 9 0 9 0 9 9 9 9 9 9 9 9 9 9 1 3 7 1 3 0 7 9 2 16.84 7 9 2 16.84 7 9 2 16.84 7 8 0 2 2 44.88 7 8 9 10 11 12 13 14 15 16</td><td>4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
</td><td>155.62
243.08
368.48
352.80</td></t<> | 22.54 9 0 9 0 9 0 9 0 9 9 9 9 9 9 9 9 9 9 1 3 7 1 3 0 7 9 2 16.84 7 9 2 16.84 7 9 2 16.84 7 8 0 2 2 44.88 7 8 9 10 11 12 13 14 15 16 | 4.75 0.71
0.42 0.06
9.80 1.46
7.05 1.05
4.66 0.70
 | 155.62
243.08
368.48
352.80 |

Table D-2 SPECIES COMPOSITION DATA FROM 2014 VEGETATION MONITORING TRANSECTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

3-foot Cover S	olar Area (3S)		Number of Points per Transect (50 Point Transect)			
Abbreviation	Scientific Name	Common Name	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41	otal issect ints	Mean # of Transect Points Mean % Absolute Cover	Mean % Relative Cover Recorded (%)
ACHY ELEL FEAR PASM PSSP SPCR	Achnatherum hymenoides Elymus elymoides Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata Sporobolus cryptandrus	s Indian ricegrass Squirreltail Arizona fescue Western wheatgrass Bluebunch wheatgrass Sand dropseed	1 0 3 0 0 0 0 0 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	9 38 1 2 53 306 12 224 31 62 1 2 17 634	0.46 0.93 0.02 0.05 3.73 7.46 2.73 5.46 0.76 1.51 0.02 0.05	4.09 14 34.15 0.22 1 2.44 32.90 38 92.68 24.09 37 90.24 6.67 19 46.34 0.22 1 2.44 68.17 41 100.00
Forbs ARLU GRSQ KOSC MESA MEAL MEOF SATR TRPR	Artemisia ludoviciana Grindella squarrosa Kochia scoparia Medicago sativa Meliotus alba Melilotus officinalis Salsola tragus Tragopogon pratensis	White sagebrush Curlycup gumweed Kochia Alfalfa White sweetclover Yellow sweetclover Russian thistle Meadow salsify	0 1 2 4 0 0 1 0 1 2 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	28 56 2 4 2 4 1 2 6 12 90 180 6 12 1 2	0.68 1.37 0.05 0.10 0.05 0.10 0.02 0.05 0.15 0.29 2.20 4.39 0.15 0.29 0.15 0.29 0.15 0.29 0.15 0.29 0.02 0.05	6.02 18 43.90 0.43 2 4.88 0.43 1 2.44 0.22 1 2.44 1.29 2 4.88 19.35 31 75.61 1.29 6 14.63 0.22 1 2.44
Shrubs CELA ERNA	Ceratoides lanata Ericameria naseosus	Winterfat Rubber rabbitbrush All Species	TOTAL 1 0 1 0	36 272 3 6 9 18 12 24 65 930 otal Species Occurrence 182 182	3.32 6.63 0.07 0.15 0.22 0.44 0.29 0.59 11.34 22.68 Mean # of Species S 4.44 5	29.25 36 87.80 0.65 3 7.32 1.94 7 17.07 2.58 9 21.95 100.00 41 100.00 Standard Deviation 1.47
2-foot Cover S Abbreviation	olar Area (2S) Scientific Name	Common Name	Number of Points per Transect (50 Point Transect) A A B <th< th=""><th>tal Isect ints Total %</th><th>Mean # of Transect Points</th><th>Mean % # of Transect Swhere Cover Recorded</th></th<>	tal Isect ints Total %	Mean # of Transect Points	Mean % # of Transect Swhere Cover Recorded
Grasses ACHY ELEL ELTR FEAR PASM PSSP SPCR	Achnatherum hymenoides Elymus elymoides Elymus trachycaulus Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata Sporobolus cryptandrus	Indian ricegrass Squirreltail Slender wheatgrass Arizona fescue Western wheatgrass Bluebunch wheatgrass Sand dropseed	0 3 0 1 0 3 0	20 40 1 2 1 2 57 314 88 176 82 84 1 2	0.41 0.82 0.02 0.04 0.02 0.04 3.20 6.41 1.80 3.59 0.86 1.71 0.02 0.04	3.86 13 26.53 0.19 1 2.04 0.19 1 2.04 30.31 47 95.92 16.99 33 67.35 8.11 26 53.06 0.19 1 2.04
Forbs ARLU GRSQ MESA MEOF MENU SATR	Artemisia ludoviciana Grindelia squarrosa Medicago sativa Meliotus officinalis Mentzelia nuda Salsola tragus	White sagebrush Curlycup gumweed Alfalfa Yellow sweetclover Bractless blazingstar Russian thistle	0 2 1 0 2 0 0 1 1 1 1 0 1 1 2 0 0 1 1 0 1 0 1 1 0 1 1 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0	10 620 28 56 1 2 4 8 64 328 1 2 5 10 03 406	6.33 12.65 0.57 1.14 0.02 0.04 0.08 0.16 3.35 6.69 0.02 0.04 0.10 0.20 4.14 8.29	59.85 48 97.96 5.41 24 48.98 0.19 1 2.04 0.77 3 6.12 31.66 46 93.88 0.19 1 2.04 0.97 4 8.16 9.97 4 8.16
Shrubs CELA CHVI ERNA	Ceratoides lanata Chrysothamnus viscidiflor Ericameria naseosus	Winterfat rus Yellow rabbitbrush Rubber rabbitbrush All Species	0 1 0	3 6 1 2 1 2 5 10 3.00 1036.00 0 1036.00	0.06 0.12 0.02 0.04 0.02 0.04 0.10 0.20 10.57 21.14	0.58 3 6.12 0.19 1 2.04 0.19 1 2.04 0.97 5 10.20 100.00 48 97.96
1-foot Cover S Abbreviation	olar Area (1S) Scientific Name	Total # of Species	Number of Species Per Transect Number of Species Per Transect 3 6 5 3 6 5 5 5 6 2 5 4 6 4 7 5 2 3 3 5 4 5 4 5 3 4	Occurrence 206 tal isect Total %	Mean # of Species S 4.20 Mean # of Mean % M Absolute R	1.29 Mean % # of Transect Constancy
Grasses ACHY BRTE FEAR PASM PSSP	Achnatherum hymenoides Bromus tectorum Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata	s Indian ricegrass Cheatgrass Arizona fescue Western wheatgrass Bluebunch wheatgrass	Image: Normal black	9 18 2 4 26 252 45 90 80 60	O.18 O.37 0.04 0.08 2.57 5.14 0.92 1.84 0.61 1.22	Swittere Recorded (7) 1.97 8 16.33 0.44 2 4.08 27.51 44 89.80 9.83 28 57.14 6.55 20 40.82
Forbs ARLU GRSQ HEVI MESA MEAL MEOF SATR TRPR	Artemisia ludoviciana Grindelia squarrosa Heterotheca villosa Medicago sativa Melilotus officinalis Salsola tragus Trangnogon gratensis	White sagebrush Curlycup gumweed Hairy false goldenaster Alfalfa White sweetclover Yellow sweetclover Russian thistle Meadrow selerify	I 0	12 424 9 18 1 2 1 2 4 8 3 6 24 448 1 2	4.33 8.65 0.18 0.37 0.02 0.04 0.08 0.16 0.08 0.16 0.06 0.12 4.57 9.14 0.02 0.04	46.29 47 95.92 1.97 9 18.37 0.22 1 2.04 0.87 3 6.12 0.66 1 2.04 0.87 3 6.12 0.66 1 2.04 0.81 46 93.88 0.22 1 2.04 0.80 1 2.04
Shrubs ERNA	Ericameria naseosus	Rubber rabbitbrush	TOTAL PROPERTYRAMEST	44 488 44 488 2 4 2 4 58 916 58 916 Cocurrence 166	0.02 0.04 4.98 9.96 0.04 0.08 9.3 18.7 Mean # of Species S 3.39	0.22 1 2.04 53.28 48 97.96 0.44 2 4.08 0.44 2 4.08 100 49 100.00 standard Deviation 129
		i otal # Species	, , , , , , , , , , , , , , , , , , ,	100	5.55	1.23

Table D-2 SPECIES COMPOSITION DATA FROM 2014 VEGETATION MONITORING TRANSECTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

3-foot Cover No	n-solar Area (3N)		Number of Points Per Transect (50 Point Transect)
Abbreviation	Scientific Name	Common Name	1 2 3 4 5 6 7 8 9 10 11 12 12 12 12 12 12 12 12 12 12 12 12
ACHY FEAR PASM PSSP SPCR	Achnatherum hymenoides Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata Sporobolus cryptandrus	s Indian ricegrass Arizona fescue Western wheatgrass Bluebunch wheatgrass Sand dropseed	4 6 3 1 4 3 6 2 1 3 0 2 4 2 5 4 2 5 2 1 3 3 3 1 0 0 1
ARLU MEOF SATR	Artemisia ludoviciana Melilotus officinalis Salsola tragus	White sagebrush Yellow sweetclover Russian thistle	0 0 1 0
CELA ERNA	Ceratoides lanata Ericameria naseosus	Winterfat Rubber rabbitbrush All Species	0 0
2-foot Cover No	n-Solar Area (2N)	Total # Species	Number of Species Per Transect Standard Deviation 3 3 5 2 3 5 5 3 4 3 4 6 3 4 6 4 4 5 0 0 136 3.89 1.08 Number of Species Per Transect Standard Deviation Stan
Abbreviation	Scientific Name	Common Name	1 2 3 4 5 6 7 8 9 10 11 12 13 14 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 40 31 32 33 40 5 8 9 40 41 42 43 44 45 1 1 4 5 1 4 5 1 4 5 1 5 1 5 1 5 1
ACHY FEAR PASM PSSP SPCR	Achnatherum hymenoides Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata Sporobolus cryptandrus	 Indian ricegrass Arizona fescue Western wheatgrass Bluebunch wheatgrass Sand dropseed 	0 0 0 0 0 1 0 1 0 0 0 0 0 0 1 0
Forbs ARLU MESA MEOF MENU SATR	Artemisia ludoviciana Medicago sativa Melilotus officinalis Mentzelia nuda Salsola tragus	White sagebrush Alfalfa Yellow sweetclover Bractless blazingstar Russian thistle	Image: Normal and the image: Normal
Shrubs CELA ERNA	Ceratoides lanata Ericameria naseosus	Winterfat Rubber rabbitbrush All Species	Image: Normal regions Image: Normal reg
		Total # Species	Number of Species Pertransect Number of Species Number of Specie
Abbreviation	n-solar Area (1N) Scientific Name	Common Name	Number of Points Per Transect (30 Point Transect) Number of Poi
ACHY FEAR PASM PSSP SPCR THIN	Achnatherum hymenoides Festuca arizonica Pascopyrum smithii Pseudoroegneria spicata Sporobolus cryptandrus Thinopyrum intermedium	Indian ricegrass Arizona fescue Western wheatgrass Bluebunch wheatgrass Sand dropseed Intermediate wheatgrass	1 0
ARLU HEVI MESA MEOF MENU SATR	Artemisia ludoviciana Heterotheca villosa Medicago sativa Melilotus officinalis Mentzelia nuda Salsola tragus	White sagebrush Hairy false goldenaster Alfalfa Yellow sweetclover Bractless blazingstar Russian thistle	0 0
ERNA SESP	Ericameria naseosus Senecio spartioides	Rubber rabbitbrush Broomlike ragwort All Species	0 0
		Total # Species	Number of Species Per Transect Notice Per Transect Standard Deviation 4 4 2 3 0 3 3 1 2 1 4 4 0 0 2 3 0 1 3 0 1 3 0 4 0 0 1 3 1 3 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
1-foot Cover Non-Solar A	rea (1N)	•								
1N-1	0	0	3	0	0	0	0	3	40.00	1619.39
1N-2	0	0	0	0	0	0	0	0	0.00	0.00
1N-3	0	0	2	0	0	0	0	2	26.67	1079.60
1N-4	0	0	1	0	0	0	0	1	13.33	539.80
1N-5	0	0	2	0	0	0	0	2	26.67	1079.60
1N-6	0	0	1	0	0	0	1	2	26.67	1079.60
1N-7	0	0	1	0	0	0	0	1	13.33	539.80
1N-8	1	0	0	0	0	0	0	1	13.33	539.80
1N-9	0	0	1	0	0	0	0	1	13.33	539.80
1N-10	0	0	1	0	0	0	0	1	13.33	539.80
1N-11	0	0	0	0	0	0	0	0	0.00	0.00
1N-12	0	0	2	0	0	0	0	2	26.67	1079.60
1N-13	1	0	0	0	0	0	0	1	13.33	539.80
1N-14	0	0	1	0	0	0	0	1	13.33	539.80
1N-15	0	0	1	0	0	0	0	1	13.33	539.80
1N-16	0	0	1	0	0	0	0	1	13.33	539.80
1N-17	0	0	0	0	0	0	0	0	0.00	0.00
1N-18	0	0	3	0	0	0	0	3	40.00	1619.39
1N-19	0	0	1	0	0	0	0	1	13.33	539.80
1N-20	0	0	0	0	0	0	0	0	0.00	0.00
1N-21	0	0	0	0	0	0	1	1	13.33	539.80
1N-22	0	0	0	0	0	0	0	0	0.00	0.00
1N-23	0	0	0	0	0	0	0	0	0.00	0.00
1N-24	0	0	1	0	0	0	1	2	26.67	1079.60
1N-25	0	0	0	0	0	0	0	0	0.00	0.00
1N-26	0	0	0	0	0	0	0	0	0.00	0.00
1N-27	0	0	0	0	0	0	0	0	0.00	0.00
1N-28	0	0	0	0	0	0	0	0	0.00	0.00
1N-29	0	0	0	0	0	0	0	0	0.00	0.00
1N-30	0	0	1	0	0	0	0	1	13.33	539.80
1N-31	1	0	4	0	0	0	0	5	66.67	2698.99
1N-32	0	0	0	0	0	0	0	0	0.00	0.00
1N-33	0	0	1	0	0	0	0	1	13.33	539.80
1N-34	0	0	3	0	0	0	0	3	40.00	1619.39
1N-35	1	0	0	0	0	0	0	1	13.33	539.80
1N-36	0	0	0	0	0	0	0	0	0.00	0.00
1N-37	2	0	0	0	0	0	0	2	26.67	1079.60
1N-38	0	0	4	0	0	0	0	4	53.33	2159.19
1N-39	0	0	0	0	0	0	0	0	0.00	0.00
1N-40	2	0	0	0	0	0	0	2	26.67	1079.60
1N-41	0	1	5	0	0	0	0	6	80.00	3238.79
1N-42	0	0	1	0	0	0	0	1	13.33	539.80

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
1N-43	0	0	0	0	0	0	0	0	0.00	0.00
1N-44	0	0	0	0	0	0	0	0	0.00	0.00
1N-45	0	0	1	0	0	0	0	1	13.33	539.80
Total Count	8	1	42	0	0	0	3	54	719.98	29149.07
Average Shrub Density								1.20	16.00	647.76
Standard Deviaton								1.38	18.33	742.28
1N Species Summary	Shrubs/7.5m2	Shrubs/100m2	Shrubs/acre	Relative density (per acre)						
CELA	0.18	2.37	95.96	14.81						
CHVI	0.02	0.30	12.00	1.85						
ERNA	0.93	12.44	503.81	77.78						
SESP	0.07	0.89	35.99	5.56						
Total	1.20	16.00	647.76	100.00						
	· · · ·							1		
Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
2-foot Cover Non-Solar A	rea (2N)									
2N-1	1	0	0	0	0	0	0	1	13.33	539.80
2N-2	0	0	3	0	0	0	0	3	40.00	1619.39
2N-3	1	0	0	0	0	0	0	1	13.33	539.80
2N-4	0	0	1	0	0	0	0	1	13.33	539.80
2N-5	0	0	0	0	0	0	0	0	0.00	0.00
2N-6	0	0	0	0	0	0	0	0	0.00	0.00
2N-7	0	0	0	0	0	0	0	0	0.00	0.00
2N-8	0	0	0	0	0	0	0	0	0.00	0.00
2N-9	0	0	3	0	0	0	0	3	40.00	1619.39
2N-10	0	0	0	0	0	0	0	0	0.00	0.00
2N-11	0	0	1	0	0	0	0	1	13.33	539.80
2N-12	0	0	0	0	0	0	0	0	0.00	0.00
2N-13	1	0	0	0	0	0	2	3	40.00	1619.39
2N-14	0	0	1	0	0	0	0	1	13.33	539.80
2N-15	0	0	1	0	0	0	0	1	13.33	539.80
2N-16	0	0	1	0	0	0	0	1	13.33	539.80
2N-17	0	0	0	0	0	0	0	0	0.00	0.00
2N-18	0	0	1	0	0	0	0	1	13.33	539.80
2N-19	0	0	0	0	0	0	0	0	0.00	0.00
2N-20	0	0	0	0	0	0	0	0	0.00	0.00
2N-21	0	0	2	1	0	0	0	3	40.00	1619.39
2N-22	0	1	1	0	0	0	0	2	26.67	1079.60

Table D-3 SHRUB DENSITY DATA FROM 2014 VEGETATION MONITORING TRANSECTS CMI Questa Mine Soil and Vegetation Sampling Event August-September 2014

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
2N-23	0	0	2	0	0	0	0	2	26.67	1079.60
2N-24	0	0	0	0	0	0	0	0	0.00	0.00
2N-25	0	0	0	0	0	0	0	0	0.00	0.00
2N-26	0	0	1	0	0	0	0	1	13.33	539.80
2N-27	0	0	0	0	0	0	2	2	26.67	1079.60
2N-28	0	0	0	0	0	0	0	0	0.00	0.00
2N-29	0	0	1	0	0	0	0	1	13.33	539.80
2N-30	0	0	0	0	0	0	0	0	0.00	0.00
2N-31	0	1	6	0	0	0	0	7	93.33	3778.58
2N-32	0	0	0	0	0	0	0	0	0.00	0.00
2N-33	0	0	0	0	0	0	0	0	0.00	0.00
2N-34	0	1	2	0	0	0	0	3	40.00	1619.39
2N-35	0	0	0	0	0	0	0	0	0.00	0.00
2N-36	0	0	0	0	0	0	0	0	0.00	0.00
2N-37	0	0	1	0	0	0	0	1	13.33	539.80
2N-38	0	0	0	0	0	0	0	0	0.00	0.00
2N-39	0	0	0	0	0	0	0	0	0.00	0.00
2N-40	0	0	0	0	0	0	1	1	13.33	539.80
2N-41	0	0	0	0	0	0	0	0	0.00	0.00
2N-42	0	1	0	0	0	0	0	1	13.33	539.80
2N-43	0	0	0	0	0	0	0	0	0.00	0.00
2N-44	0	0	0	0	0	0	0	0	0.00	0.00
2N-45	0	0	1	0	0	0	1	2	26.67	1079.60
Total Count	3	4	29	1	0	0	6	43	573.32	23211.30
Average Shrub Density								0.96	12.74	515.81
Standard Deviation								1.36	18.19	736.51
	Ohmula (7 Emp)			Relative density						
2N Species Summary	0.07	0.89	Shrubs/acre	(per acre)						
CHVI	0.09	1.19	47.98	9.30						
ERNA	0.64	8.59	347.87	67.44						

0.02

0.13

0.96

GUSA

SESP

Total

0.30

1.78

12.74

12.00

71.97

515.81

2.33

13.95

100.00

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
3- foot Cover Non-Solar A	Area (3N)									
3N-1	0	0	0	0	0	0	0	0	0.00	0.00
3N-2	1	0	0	0	0	0	0	1	13.33	539.80
3N-3	1	0	0	0	0	0	0	1	13.33	539.80
3N-4	0	0	0	0	0	0	0	0	0.00	0.00
3N-5	0	0	3	0	0	0	0	3	40.00	1619.39
3N-6	1	0	0	0	0	0	0	1	13.33	539.80
3N-7	2	0	0	0	0	0	0	2	26.67	1079.60
3N-8	1	0	0	0	0	0	0	1	13.33	539.80
3N-9	1	0	0	0	0	0	0	1	13.33	539.80
3N-10	0	0	1	0	0	0	0	1	13.33	539.80
3N-11	4	0	0	0	0	0	0	4	53.33	2159.19
3N-12	2	0	0	0	0	0	0	2	26.67	1079.60
3N-13	2	0	1	0	0	0	0	3	40.00	1619.39
3N-14	1	0	1	0	0	0	0	2	26.67	1079.60
3N-15	2	0	0	0	0	0	0	2	26.67	1079.60
3N-16	1	0	0	0	0	0	0	1	13.33	539.80
3N-17	0	0	0	0	0	0	0	0	0.00	0.00
3N-18	2	0	0	0	0	0	0	2	26.67	1079.60
3N-19	0	0	0	0	0	0	0	0	0.00	0.00
3N-20	1	0	0	0	0	0	0	1	13.33	539.80
3N-21	1	0	1	0	0	0	0	2	26.67	1079.60
3N-22	1	0	0	0	0	0	0	1	13.33	539.80
3N-23	0	0	0	0	0	0	0	0	0.00	0.00
3N-24	4	0	1	0	0	0	0	5	66.67	2698.99
3N-25	4	0	4	0	0	0	0	8	106.66	4318.38
3N-26	2	0	3	0	0	0	0	5	66.67	2698.99
3N-27	0	0	3	0	0	0	0	3	40.00	1619.39
3N-28	4	0	0	0	0	0	0	4	53.33	2159.19
3N-29	1	0	3	0	0	0	0	4	53.33	2159.19
3N-30	2	0	0	0	0	0	0	2	26.67	1079.60
3N-31	0	0	0	0	0	0	0	0	0.00	0.00
3N-32	1	0	1	0	0	0	1	3	40.00	1619.39
3N-33	0	0	0	0	0	0	0	0	0.00	0.00
3N-34	6	0	0	0	0	0	0	6	80.00	3238.79
3N-35	0	0	0	0	0	0	0	0	0.00	0.00
Total Count	48	0	22	0	0	0	1	71	946.64	38325.63
Average Shrub Density								2.03	27.05	1095.02
Standard Deviation								1.93	25.77	1043.14

3N Species Summary	Shrubs/7.5m2	Shrubs/100m2	Shrubs/acre	Relative density (per acre)						
CELA	1.37	18.29	740.29	67.61						
ERNA	0.63	8.38	339.30	30.99						
SESP	0.03	0.38	15.42	1.41						
Total	2.03	27.05	1095.02	100.00						
Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
1-foot cover Solar Area (1	S)	-								
1S-1	0	1	0	0	0	0	0	1	13.33	539.80
1S-2	1	0	0	0	0	0	0	1	13.33	539.80
1S-3	0	0	0	0	0	0	0	0	0.00	0.00
1S-4	0	0	0	0	0	0	0	0	0.00	0.00
1S-5	1	0	1	0	0	0	0	2	26.67	1079.60
1S-6	0	0	0	0	0	0	0	0	0.00	0.00
1S-7	1	0	0	0	0	0	0	1	13.33	539.80
1S-8	0	0	0	0	0	0	0	0	0.00	0.00
1S-9	2	0	0	0	0	0	0	2	26.67	1079.60
1S-10	0	0	0	0	0	0	0	0	0.00	0.00
1S-11	0	0	0	0	0	0	0	0	0.00	0.00
1S-12	3	0	0	0	0	0	0	3	40.00	1619.39
1S-13	0	0	0	0	0	0	0	0	0.00	0.00
1S-14	0	0	0	0	0	0	0	0	0.00	0.00
1S-15	0	0	0	0	0	0	0	0	0.00	0.00
1S-16	0	0	0	0	0	0	0	0	0.00	0.00
1S-17	0	0	0	0	0	0	0	0	0.00	0.00
1S-18	0	2	0	0	0	0	0	2	26.67	1079.60
1S-19	0	0	0	0	0	0	0	0	0.00	0.00
1S-20	0	0	2	0	0	0	0	2	26.67	1079.60
1S-21	0	0	0	0	0	0	0	0	0.00	0.00
1S-22	0	0	1	0	0	0	0	1	13.33	539.80
1S-23	0	0	0	0	1	0	0	1	13.33	539.80
1S-24	0	0	1	0	0	0	0	1	13.33	539.80
1S-25	2	1	1	0	0	0	0	4	53.33	2159.19
1S-26	0	0	0	0	0	0	0	0	0.00	0.00
1S-27	0	0	1	0	0	0	0	1	13.33	539.80
1S-28	0	1	1	0	0	0	0	2	26.67	1079.60
1S-29	1	2	0	0	0	0	0	3	40.00	1619.39
1S-30	1	0	0	0	0	0	0	1	13.33	539.80
1S-31	1	0	1	0	0	0	0	2	26.67	1079.60
1S-32	0	0	0	0	0	0	0	0	0.00	0.00
1S-33	0	1	0	0	0	0	0	1	13.33	539.80
1S-34	0	0	0	0	0	0	0	0	0.00	0.00
1S-35	1	0	0	0	0	0	0	1	13.33	539.80

Location Ceratoides Chrysothamnus Ericameria Gutierrezia Ianata viscidiflorus nauseosa sarothrae Artemesia frigida Artemesia spartioid	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
1S-36 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-37 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-38 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-39 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-40 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-41 1 1 0 0 0 0 0 0	2	26.67	1079.60
1S-42 1 0 0 0 0 0 0 0	1	13.33	539.80
1S-43 1 0 0 0 0 0 0 0	1	13.33	539.80
1S-44 0 0 0 0 0 0	4	53.33	2159.19
1S-45 0 0 0 0 0 0 0 0 0	0	0.00	0.00
1S-46 0 2 0 0 0 0 0 0	2	26.67	1079.60
1S-47 1 0 0 0 0 0 0 0	1	13.33	539.80
1S-48 0 3 0 0 0 0 0 0	3	40.00	1619.39
1S-49 2 0 1 0 0 0 0	3	40.00	1619.39
Total Count 20 18 10 0 1 0 0	49	653.32	26450.08
Average Shrub Density	1.00	13.33	539.80
Standard Deviation	1.15	15.40	623.30
1S Species Summary Shrubs/7.5m2 Shrubs/100m2 Shrubs/acre Relative density (per acre)			
ARFR 0.02 0.27 11.02 2.04			
CELA 0.41 5.44 220.33 40.82			
CHVI 0.37 4.90 198.29 36.73			
ERNA 0.20 2.72 110.16 20.41			
Total 1.00 13.33 539.80 100.00			
Location Ceratoides Chrysothamnus Ericameria Gutierrezia Artemesia frigida Artemesia Senecic lanata viscidiflorus nauseosa sarothrae Artemesia frigida Artemesia frigida spartioid	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecic spartioid 2-foot Cover Solar Area (2S) Ericameria Gutierrezia nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecic spartioid	es Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataArtemesia spartioid2-foot Cover Solar Area (2S)2S-10000000	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataSenecia spartioid2-foot Cover Solar Area (2S)2S-100000002S-220000000	Shrubs/7.5m ²	Shrubs/100m ² 0.00 26.67	Shrubs/acre 0.00 1079.60
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataSenecia spartioid2-foot Cover Solar Area (2S)2S-100000002S-2200000002S-310100000	Shrubs/7.5m ² 0 2 2	Shrubs/100m ² 0.00 26.67 26.67	Shrubs/acre 0.00 1079.60 1079.60
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataSenecia spartioid2-foot Cover Solar Area (2S)2S-100000002S-2200000002S-3101000002S-43111000	Shrubs/7.5m ² 0 2 2 6	Shrubs/100m ² 0.00 26.67 26.67 80.00	Shrubs/acre 0.00 1079.60 1079.60 3238.79
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataSenecia spartioid2-foot Cover Solar Area (2S)2S-100000002S-2200000002S-3101000002S-431110002S-50000000	Shrubs/7.5m ² 0 2 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00
LocationCeratoides lanataChrysothamnus viscidiflorusEricameria nauseosaGutierrezia sarothraeArtemesia frigidaArtemesia tridentataSenecia spartioid2-foot Cover Solar Area (2S)2S-100000002S-2200000002S-3101000002S-431110002S-500000002S-60010000	Shrubs/7.5m ² 0 2 2 6 0 1	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecia spartioid 2-foot Cover Solar Area (2S) 2S-1 0	Shrubs/7.5m ² 0 0 2 2 6 6 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecia spartioid 2-foot Cover Solar Area (2S) 0	Shrubs/7.5m ² 0 2 6 0 1 0 3	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecia spartioid 2-foot Cover Solar Area (2S) 2S-1 0	Shrubs/7.5m ² 0 2 6 0 1 0 3 0	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00 0.00	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39 0.00
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Artemesia spartioid 25-00 0 <t< td=""><td>Shrubs/7.5m² 0 2 6 0 1 0 3 0 2</td><td>Shrubs/100m² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00 0.00 26.67</td><td>Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39 0.00 1079.60</td></t<>	Shrubs/7.5m ² 0 2 6 0 1 0 3 0 2	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00 0.00 26.67	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39 0.00 1079.60
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecia spartioid 2-foot Cover Solar Area (2S) 0	Shrubs/7.5m ² 0 2 6 0 1 0 3 0 2	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00 0.00 26.67 53.33	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39 0.00 1079.60 2159.19
Location Ceratoides lanata Chrysothamnus viscidiflorus Ericameria nauseosa Gutierrezia sarothrae Artemesia frigida Artemesia tridentata Senecia spartioid 2-foot Cover Solar Area (2S) 0	Shrubs/7.5m ² 0 2 6 0 1 0 3 0 2 4 1	Shrubs/100m ² 0.00 26.67 26.67 80.00 0.00 13.33 0.00 40.00 0.00 26.67 53.33 13.33	Shrubs/acre 0.00 1079.60 1079.60 3238.79 0.00 539.80 0.00 1619.39 0.00 1079.60 2159.19 539.80

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
2S-14	0	0	0	0	0	0	0	0	0.00	0.00
2S-15	1	0	1	0	0	0	0	2	26.67	1079.60
2S-16	0	0	0	0	0	0	0	0	0.00	0.00
2S-17	0	0	0	0	0	0	0	0	0.00	0.00
2S-18	1	0	1	0	0	0	0	2	26.67	1079.60
2S-19	0	1	4	0	0	0	1	6	80.00	3238.79
2S-20	0	0	1	0	0	1	0	2	26.67	1079.60
2S-21	0	0	5	0	0	0	0	5	66.67	2698.99
2S-22	1	1	0	0	0	0	0	2	26.67	1079.60
2S-23	3	0	0	0	0	0	0	3	40.00	1619.39
2S-24	0	1	0	0	0	0	0	1	13.33	539.80
2S-25	2	0	1	0	0	0	0	3	40.00	1619.39
2S-26	1	0	0	0	0	0	0	1	13.33	539.80
2S-27	2	0	3	0	0	0	0	5	66.67	2698.99
2S-28	0	0	0	0	0	0	0	0	0.00	0.00
2S-29	3	0	2	0	0	0	0	5	66.67	2698.99
2S-30	0	0	0	0	0	0	0	0	0.00	0.00
2S-31	0	2	1	0	0	0	0	3	40.00	1619.39
2S-32	0	0	2	0	0	0	0	2	26.67	1079.60
2S-33	3	0	0	0	0	0	0	3	40.00	1619.39
2S-34	0	0	0	0	0	0	0	0	0.00	0.00
2S-35	0	0	1	0	0	0	0	1	13.33	539.80
2S-36	1	0	0	0	0	0	0	1	13.33	539.80
2S-37	0	0	0	0	0	0	0	0	0.00	0.00
2S-38	1	1	0	0	0	0	0	2	26.67	1079.60
2S-39	0	0	2	0	0	0	0	2	26.67	1079.60
2S-40	0	0	0	0	0	0	0	0	0.00	0.00
2S-41	2	0	0	0	0	0	0	2	26.67	1079.60
2S-42	3	0	0	0	0	0	0	3	40.00	1619.39
2S-43	2	0	0	0	0	0	0	2	26.67	1079.60
2S-44	1	0	0	0	0	0	0	1	13.33	539.80
2S-45	0	0	2	0	0	0	0	2	26.67	1079.60
2S-46	0	0	2	0	0	0	0	2	26.67	1079.60
2S-47	0	3	2	0	0	0	0	5	66.67	2698.99
2S-48	2	0	0	0	0	0	0	2	26.67	1079.60
2S-49	0	1	3	0	0	0	0	4	53.33	2159.19
Total Count	40	16	37	1	0	1	1	96	1279.97	51820.57
Average Shrub Density								1.96	26.12	1057.56
Standard Deviation								1.70	22.60	915.00
								•	•	

2S Species Summary	Shrubs/7.5m2	Shrubs/100m2	Shrubs/acre	Relative density (per acre)						
ARTR	0.02	0.27	11.02	1.04						
CELA	0.82	10.88	440.65	41.67						
CHVI	0.33	4.35	176.26	16.67						
ERNA	0.76	10.07	407.60	38.54						
GUSA	0.02	0.27	11.02	1.04						
SESP	0.02	0.27	11.02	1.04						
Total	1.96	26.12	1057.56	100.00						
Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
3-foot Cover Solar Area (3	3S)									
3S-1	1	1	3	0	0	0	0	5	66.67	2698.99
3S-2	1	1	0	0	0	0	0	2	26.67	1079.60
3S-3	1	0	0	0	0	0	0	1	13.33	539.80
3S-4	4	2	0	0	0	0	0	6	80.00	3238.79
3S-5	2	8	7	1	0	0	0	18	239.99	9716.36
3S-6	1	0	0	0	0	0	0	1	13.33	539.80
3S-7	0	0	0	0	0	0	0	0	0.00	0.00
3S-8	2	0	0	0	0	0	0	2	26.67	1079.60
3S-9	2	0	0	1	0	0	0	3	40.00	1619.39
3S-10	1	0	0	0	0	0	0	1	13.33	539.80
3S-11	2	0	0	0	0	0	0	2	26.67	1079.60
3S-12	1	0	1	0	1	1	0	4	53.33	2159.19
3S-13	3	0	0	0	0	0	0	3	40.00	1619.39
3S-14	0	0	0	0	0	0	0	0	0.00	0.00
3S-15	0	4	2	0	0	0	0	6	80.00	3238.79
3S-16	2	0	1	0	0	0	0	3	40.00	1619.39
3S-17	0	0	0	0	0	0	0	0	0.00	0.00
3S-18	0	0	0	0	0	0	0	0	0.00	0.00
3S-19	1	0	1	0	0	0	0	2	26.67	1079.60
3S-20	0	0	0	0	0	0	0	0	0.00	0.00
3S-21	0	0	0	0	0	0	0	0	0.00	0.00
3S-22	1	1	0	0	0	0	0	2	26.67	1079.60
3S-23	2	0	0	0	0	0	0	2	26.67	1079.60
3S-24	3	0	0	0	0	0	0	3	40.00	1619.39
3S-25	0	0	0	0	0	0	0	0	0.00	0.00
3S-26	3	0	1	0	0	0	0	4	53.33	2159.19
3S-27	1	0	0	0	0	0	0	1	13.33	539.80
3S-28	2	0	1	0	0	0	0	3	40.00	1619.39
3S-29	1	0	0	0	0	0	0	1	13.33	539.80
3S-30	7	0	2	0	0	0	0	9	120.00	4858.18
3S-31	1	0	0	0	0	0	0	1	13.33	539.80

Location	Ceratoides Ianata	Chrysothamnus viscidiflorus	Ericameria nauseosa	Gutierrezia sarothrae	Artemesia frigida	Artemesia tridentata	Senecio spartioides	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre
3S-32	0	0	0	0	0	0	0	0	0.00	0.00
3S-33	9	0	2	0	0	0	0	11	146.66	5937.77
3S-34	0	0	0	0	0	0	0	0	0.00	0.00
3S-35	3	0	1	0	0	0	0	4	53.33	2159.19
3S-36	1	0	1	0	0	0	0	2	26.67	1079.60
3S-37	3	0	0	0	0	0	0	3	40.00	1619.39
3S-38	0	2	0	0	0	0	0	2	26.67	1079.60
3S-39	3	0	1	0	0	0	0	4	53.33	2159.19
3S-40	0	0	0	0	0	0	0	0	0.00	0.00
3S-41	0	1	0	0	0	0	0	1	13.33	539.80
Total Count	64	20	24	2	1	1	0	112	1493.30	60457.33
Average Shrub Density								2.73	36.42	1474.57
Standard Deviation								3.44	45.90	1858.29
					-					
3S Species Summary	Shrubs/7.5m ²	Shrubs/100m ²	Shrubs/acre	Relative density (per acre)						
ARFR	0.02	0.33	13.17	0.89						
ARTR	0.02	0.33	13.17	0.89						
CELA	1.56	20.81	842.61	57.14						
CHVI	0.49	6.50	263.32	17.86						
ERNA	0.59	7.80	315.98	21.43]					
GUSA	0.05	0.65	26.33	1.79						
Total	2.73	36.42	1474.57	100.00						



CMI Soil and Vegetation Sampling Event

This report contains a collective assessment of field quality control results for the samples collected in September 2014 from the tailings facility at the Questa Mine. Samples were sent to TestAmerica (TA) of South Burlington, Vermont for total molybdenum, total copper, and sulfate analyses and were reported in twenty-eight data packages as listed in the table below. TA conducted the analyses and reported the results in accordance with the requirements of the Chevron Mining, Inc. Questa Mine Sampling Quality Assurance Project Plan Revision 0.0 (QAPP) (URS, April 23, 2010). The data review was conducted in accordance with the Chevron Mining, Inc. Questa Mine Sampling QAPP and evaluation of laboratory criteria, as applicable.

Vegetation Tissue Samples Data					
Package					
200-24127-1					
200-24133-1					
200-24138-1					
200-24199-1					
200-24204-1					
200-24205-1					
200-24206-1					
200-24207-1					
200-24208-1					
200-24209-1					
200-24250-1					
200-24253-1					
200-24329-1					
200-24331-1					
200-24332-1					
200-24333-1					

-	
Soil Sample Data Packages	
200-24112-1	
200-24112-2	
200-24195-1	
200-24200-1	
200-24203-1	
200-24264-1	
200-24265-1	
200-24267-1	
200-24319-1	
200-24322-1	
200-24324-1	
200-24326-1	

The individual narratives for the data packages can be found in Section III. All data packages were reviewed for the following parameters: receipt issues, method blanks, continuing calibration blanks, laboratory equipment blanks, and rinsate blanks, holding time, laboratory control sample (LCS) recoveries, matrix spike (MS) recoveries, method duplicate samples, serial dilution results, post-digestion spike recoveries, field duplicate results, internal standard results, surrogate recoveries, initial and continuing calibration, and any issues identified in the laboratory case narrative, as applicable to the method. Full validation (including transcription errors checking, recalculating results, and verifying the calibration) was conducted on two TA data packages (200-24112-1 and 200-24127-1), satisfying the QAPP criterion of 10% of the data packages received per analysis type per sampling event.

Section I presents a summary of the quality control (QC) samples collected for this sampling event and any resultant qualification. Section II presents a discussion of precision, accuracy, representativeness, completeness and comparability (PARCC) parameters and sensitivity. And Section III presents the individual data review summaries for the twenty-eight data packages.

Section I – QC Samples

QC samples were collected and analyzed during the sampling event and included samples selected for matrix spike (MS) analysis, field duplicate samples, and rinsate blanks in addition to method-specific QC analyses. An overall assessment for the sampling event data has been conducted. When QC issues accounted for less than 35% of the QC analyses conducted, applicable data qualification was limited to qualification of the parent samples. When QC issues accounted for more than 35% of the QC analyses conducted, applicable data qualification was limited to qualification data qualification was extended to qualification of all samples.

Matrix Spike

Sample Lab Sample Number		Data Package	Analyses				
Soil/ Tailing Samples from Solar Area							
CVR1-35-T01N-SOL	200-24112-3	200-24112-1	Total Molybdenum, Total				
CVR1-16-T01N-SOL	200-24190-1	200-24112-2	Copper, Sulfate				
CVR1-19-T02N-SOL	200-24195-15	200-24195-1					
CVR1-12-T02N-SOL	200-24200-2	200-24200-1					
CVR2-3-T01N-SOL	200-24203-6	200-24203-1					
CVR2-2-T01N-SOL	200-24203-4	200-24203-1					
CVR2-24-T01N-SOL	200-24260-4	200-24203-1					
CVR2-22-T01N-SOL	200-24260-8	200-24203-1					
CVR3-26-T01N-SOL	200-24267-8	200-24267-1					
CVR3-13-T01N-SOL	200-24324-10	200-24324-1					
CVR3-14-T01N-SOL	200-24324-9	200-24324-1					
CVR3-1-T02N-SOL	200-24326-18	200-24326-1	Total Molybdenum and				
CVR2-16-T02N-SOL	200-24322-1	200-24322-1	Total Copper				
CVR2-8-T01N-SOL	200-24319-1	200-24319-1					
CVR2-32-T02N-SOL	200-24264-20	200-24264-1					
	Plant Tissue Sample	es from Solar Area					
CVR1-24-T03N-PLTFAW	200-24133-20	200-24133-1	Total Molybdenum and				
CVR2-7-T02N-PLTGAW	200-24204-15	200-24204-1	Total Copper				
CVR1-1-T04N-PLTSAW	200-24205-7	200-24205-1					
CVR1-2-T03N-PLTFAW	200-24205-5	200-24205-1					
CVR1-9-T02N-PLTGAW	200-24206-2	200-24206-1					
CVR2-35-T03N-PLTFAW	200-24206-12	200-24206-1					
CVR2-12-T02N-PLTGAW	200-24209-10	200-24209-1					
CVR3-28-T02N-PLTGAW	200-24250-20	200-24250-1					
CVR3-33-T03N-PLTFAW	200-24250-18	200-24250-1					
CVR3-28-T04N-PLTSAW	200-24253-2	200-24253-1					
CVR3-19-T03N-PLTFAW	200-24331-10	200-24331-1					
CVR3-3-T04N-PLTSAW	200-24333-13	200-24333-1					
CVR3-3-T02N-PLTGAW	200-24333-14	200-24333-1					
CVR3-6-T04N-PLTSAW	200-24332-19	200-24332-1					

Matrix spike analyses were performed on the samples listed in the table below.

Sample	Lab Sample Number	Data Package	Analyses
CVR3-20-T03N-PLTFAW	200-24329-20	200-24329-1	
CVR2-20-T02N-PLTGAW	200-24208-20	200-24208-1	
CVR2-25-T04N-PLTSAW	200-24207-19	200-24207-1	
CVR2-9-T03N-PLTFAW	200-24199-20	200-24199-1	
CVR1-27-T03N-PLTFAW	200-24138-2	200-24138-1	
CVR1-29-T04N-PLTSAW	200-24127-20	200-24127-1	

This number of MS/MSD samples met the required QAPP frequency of 1 set per 20 samples.

As applicable, qualifiers have been applied to the parent samples when the recoveries were outside the laboratory historical limits. In addition, the site-specific MS and MSD results were assessed collectively to evaluate potentially systematic matrix effects and to determine the need for qualification of associated sample results of similar matrix.

The table below presents the analytes of the MS percent recoveries that were outside limits and qualifications may have been applied to associated samples. The details of each MS analyses and qualification to parent samples are provided in each individual data review summary.

Analyte	# of MS %R Below Control Limits	# of MS %R Above Control Limits	Total # of MS	% MS Outside of Control Limits	Qualification
Soil Samples from	Solar Area				
Metals					
Total Molybdenum	7	3	15	67%	As >35% of MS percent recoveries were outside of acceptance limits, the results for all soil samples, with the exception of parent samples (see individual data review summaries) were qualified as estimated (J MS-I).
Total Copper	10	0	15	67%	As >35% of MS percent recoveries were below the acceptance limits, the results for all soil samples, with the exception of parent samples (see individual data review summaries) were qualified as estimated (J MS-L).
General Chemistry					
Sulfate	6	0	11	55%	As >35% of MS percent recoveries were below the acceptance limits, the results for all soil samples, with the exception of parent samples (see individual data review summaries) were qualified as estimated (J MS-L).

Analyte	# of MS %R Below Control Limits	# of MS %R Above Control Limits	Total # of MS	% MS Outside of Control Limits	Qualification
Plant Tissue Sampl	les from Sola	r Area			
Metals					
Total Molybdenum	8	2	20	50%	As >35% of MS percent recoveries were outside of acceptance limits, the results for all plant tissue samples, with the exception of parent samples (see individual data review summaries) were qualified as estimated (J MS-I).
Copper	2	1	20	15%	As <35% of the matrix spike recoveries were outside of acceptance limits, data qualification was limited to the parent samples which were qualified as estimated (J MS-I).
> = Greater than J/UJ = Estimated	<= Less Tha L – Low Bias	n #= MS	= Number S = Matrix Sp	% = Percentike R = Recover	age I = Indeterminate Bias ry

Field Duplicates

The following field duplicate pairs were collected in association with this sampling event:

Sample	Lab Sample Number	Data Package	Analyses				
Soil/ Tailing Samples from Solar Area							
CVR1-31-T01D-SOL	200-24112-8	200-24112-1	Total Molybdenum, Total Copper,				
CVR1-36-T01D-SOL	200-24112-2	200-24112-1	Sulfate				
CVR1-36-T02D-SOL	200-24190-16	200-24112-2					
CVR1-33-T02D-SOL	200-24195-2	200-24195-1					
CVR2-29-T02D-SOL	200-24264-10	200-24264-1					
CVR2-30-T02D-SOL	200-24264-14	200-24264-1					
CVR2-31-T02D-SOL	200-24264-16	200-24264-1					
CVR3-31-T02D-SOL	200-24265-20	200-24265-1					
CVR2-9-T02D-SOL	200-24319-8	200-24319-1					
CVR3-22-T02D-SOL	200-24322-14	200-24322-1					
CVR3-15-T02D-SOL	200-24324-8	200-24324-1					
	Plant Tissue Sar	nples from Solar Are	a				
CVR1-33-T03D-PLTFAW	200-24127-10	200-24127-1	Total Molybdenum and Total Copper				
CVR1-26-T02D-PLTGAW	200-24133-9	200-24133-1					
CVR2-1-T03D-PLTFAW	200-24204-7	200-24204-1					
CVR1-12-T04D-PLTSAW	200-24205-18	200-24205-1					
CVR1-2-T03D-PLTFAW	200-24205-6	200-24205-1					
CVR1-9-T02D-PLTGAW	200-24206-3	200-24206-1					
CVR2-27-T02D-PLTGAW	200-24207-6	200-24207-1	1				
CVR2-19-T02D-PLTGAW	200-24208-13	200-24208-1	1				
CVR2-12-T04D-PLTSAW	200-24209-12	200-24209-1	1				

Sample	Lab Sample Number	Data Package	Analyses
CVR2-20-T03D-PLTFAW	200-24209-2	200-24209-1	
CVR3-35-T02D-PLTGAW	200-24250-5	200-24250-1	
CVR3-35-T04D-PLTSAW	200-24250-8	200-24250-1	
CVR3-30-T03D-PLTFAW	200-24253-8	200-24253-1	
CVR3-17-T04D-PLTSAW	200-24331-8	200-24331-1	
CVR3-9-T03D-PLTFAW	200-24331-19	200-24331-1	
CVR3-6-T02D-PLTGAW	200-24332-17	200-24332-1	

This number of field duplicates samples met the QAPP frequency of 1 per 20 samples. With the exceptions summarized in the table below, applicable evaluation criteria were satisfied for the field duplicate pairs.

Analyte	Sample Result	FD Result	RPD (±35% Soil/	Absolute Difference (3.5X	Total # of	% FDs Outside	Qualification
	(mg/Kg)	(mg/Kg)	±50% Plant Tissue)	Soll/ 4X Plant Tissue Greater RL)	FDS	OI Control Limits	
Metals – Soil/	' Tailing Sa	mples from	n Solar Area				•
CVR2-31-T02	2D-SOL / O	CVR2-31-T	02D-SOL				As <35% of the field duplicate
Sulfate	214	73.3		Difference = 140.7 mg/kg (3.5X RL=78.1 mg/kg)	11	9%	samples were outside of acceptance limits, data qualification was limited to the field duplicate and parent samples which were qualified as estimated (J FD-I).
Metals – Plant Tissue Samples from Solar Area							
CVR3-17-T04	4N-PLTSA	W / CVR3	-17-T04D-PL	ГSAW			As <35% of the field duplicate
Molybdenum	6.4	10.1	64		16	13%	samples were outside of
CVR1-9-T02N-PLTGAW / CVR1-9-T02D-PLTGAW				10	13%	qualification was limited to the	
Molybdenum	29.9	11.8	87				field duplicate and parent
CVR2-27-T02	2N-PLTGA	W / CVR2	2-27-T02D-PL	TGAW	16	6%	samples which were qualified
Copper	4.9	14.3	98				as estimated (J FD-1).
< = Less T Mg/Kg – N	han Iilligrams per	Kilogram	# - Number FD – Field Dup	% =	Percent Indetermina	te Bias	$\pm =$ Plus or Minus

RPD – Relative Percent Difference

RL – Reporting Limit

UJ/J - Estimated

Rinsate Blanks

The soil and vegetation samples for this sampling event were not collected with dedicated equipment. The rinsate blanks that were collected in association with this sampling event are listed below.

Sample	Lab Sample Number Data Packag		Analyses				
Equipment Rinsate Blanks for Soil/ Tailing from Solar Area							
RB-01-T01N-SOL	200-24112-15	200-24112-1	Total Molybdenum, Total				
RB-02-T01N-SOL	200-24190-14	200-24112-2	Copper, Sulfate				
RB-03-T01N-SOL	200-24190-13	200-24112-2					
RB-04-T01N-SOL	200-24200-7	200-24200-1					
RB-05-T01N-SOL	200-24200-8	200-24200-1					
RB-06-T01N-SOL	200-24319-6	200-24319-1					
RB-07-T01N-SOL	200-24319-7	200-24319-1	Total Molybdenum, Total				
RB-08-T01N-SOL	200-24264-2	200-24264-1	Copper, Sulfate				
RB-09-T01N-SOL	200-24265-3	200-24265-1					
RB-10-T01N-SOL	200-24324-17	200-24324-1					
RB-11-T01N-SOL	200-24324-18	200-24324-1					
RB-12-T01N-SOL	200-24324-19	200-24324-1					
	Equipment Rinsate Blanks fo	or Plant from Solar Area					
RB-01-T01N-PLT	200-24133-10	200-24133-1	Total Molybdenum and				
RB-02-T01N-PLT	200-24138-5	200-24138-1	Total Copper				
RB-03-T01N-PLT	200-24205-12	200-24205-1					
RB-04-T01N-PLT	200-24205-13	200-24205-1					
RB-05-T01N-PLT	200-24205-14	200-24205-1					
RB-06-T01N-PLT	200-24204-16	200-24204-1					
RB-7-T01N-PLT	200-24208-14	200-24208-1					
RB-8-T01N-PLT	200-24208-17	200-24208-1					
RB-9-T01N-PLT	200-24199-16	200-24199-1					
RB-12-T01N-PLT	200-24250-15	200-24250-1					
RB-10-T01N-PLT	200-24199-17	200-24199-1					
RB-11-T01N-PLT	200-24199-3	200-24199-1					
RB-13-T01N-PLT	200-24250-14	200-24250-1					
RB-14-T01N-PLT	200-24329-1	200-24329-1					
RB-15-T01N-PLT	200-24329-2	200-24329-1					
RB-16-T01N-PLT	200-24329-3	200-24329-1	1				

This number of rinsate blanks met the QAPP frequency of 1 per 20 samples per matrix. Target analytes were not reported as detected in the equipment rinsate blanks for plant tissues samples. With the exceptions summarized in the table below, target analytes were not reported as detected in the equipment rinsate blanks for the soil samples.

Sample	Analyte	Concentration	Data Qualification				
	Equipment Rinsate Blanks for Soil/ Tailing Samples from Solar Area						
RB-01-T01N-SOL	Copper	7.0 μg/L*	Less than 35% of equipment blanks results				
RB-03-T02N-SOL	Copper	4.6 μg/L*	of copper and/ or molybdenum, indicating				
RB08-T01N-SOL	Copper	7.4 μg/L*	adequate field decontamination. Data qualification was not required				
RB-10-T01N-SOL	Copper	3.7 µg/L*	1				
RB-12-T01N-SOL	Copper	7.5 µg/L*					
	Molybdenum	0.5 µg/L*					

Table 3: Rinsate Blank and Resultant Data Qualification

*To convert mg/L to mg/kg sample weights/volumes, dilution factors and percent solids were taken into account

% = Percent

µg/L – Micrograms per Liter

Section II – PARCC Parameters + Sensitivity

The section below presents precision, accuracy, representativeness, completeness, comparability (i.e., PARCC parameters), and sensitivity with respect to the samples collected for the CMI Soil and Vegetation sampling event.

Precision

Precision is defined as the agreement between a set of replicate measurements without assumption or knowledge of the true value. Precision of laboratory measurements was evaluated by the comparison of method duplicate results and FD results.

The relative percent differences (RPDs) between: 1) 94% of the RPDs between the site-specific method duplicates and 2) 94% of the field duplicate satisfied the applicable evaluation criterion; indicating acceptable precision was attained with respect to the analytical method and sample matrix.

Accuracy

All reported LCS recoveries were within the laboratory acceptance limits which indicated acceptable accuracy was attained with respect to the analytical method. Approximately 52% of the site-specific MS recoveries were within the laboratory control limits of 80-120% used to evaluate recoveries from the sample matrix. The QAPP does allow for the laboratory to use historical limits when evaluating MS recoveries. However, the laboratory uses the LCS limits of 80-120% to evaluate the matrix spike recoveries. The limits of 80-120%, while generally appropriate for an LCS, are considered to be tight for evaluating soil matrix spike recoveries due to the inhomogeneity of the samples and the potential for matrix interferences as discussed below. While sample results were qualified as estimated (J/UJ) based on MS recoveries, no results were qualified as unusable due to MS recovery failures.

As demonstrated by the site-specific quality control samples (e.g., matrix spike recoveries) matrix interferences are present in the samples which resulted in sample results being qualified as estimated (J/UJ) during data validation. Matrix interferences can be the result of soil inhomogeneity as only a small sample amount (~2 gram) is used during digestion for the parent,

duplicate, and matrix spike samples, or high concentrations of non-target analytes that may cause interference during sample analysis (e.g., calcium, iron, yttrium). The samples from the CMI Solar Cover Project contain naturally occurring Yttrium. Yttrium is also used as the internal standard for ICP analysis and the sample results are corrected based upon the Yttrium response. A suppression or elevation of the Yttrium line indicates a matrix effect caused by the sample. It is assumed that if the Yttrium response goes up, the associated elements would also be high, thus the correction. Since the Yttrium internal standard values are elevated due to naturally occurring yttrium, the sample results for associated elements are being corrected and therefore, reported at lower concentrations.

Representativeness

Representativeness is the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness was maintained during the sampling effort by completing all sampling using similar sampling procedures.

Completeness

Completeness is defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for analysis.

Results were not qualified as unusable. The completeness for this program is 100%, satisfying the requirement of 95%.

Comparability

Comparability expresses the confidence with which one data set can be compared to another. Comparability can be related to accuracy and precision because these quantities are measures of data reliability. Data are comparable if collection techniques, measurement procedures, method and reporting are equivalent for the samples within a sample set. To maximize comparability, all samples covered by this report were collected and analyzed in accordance with the QAPP.

As acceptable levels of overall accuracy and precision were attained, the reporting and analyses of the data within these data packages are considered comparable to one another.

Sensitivity

Reporting limits (RLs) are established by the analytical laboratory based on the method detection limits (MDLs) and project RL requirements. The laboratory reported positive results between the MDL and the RL. These trace level detects have been qualified as estimated (J).

Section III – Individual Data Review Summaries

Soil Sample Data Packages

- 200-24112-1
- 200-24112-2
- 200-24195-1
- 200-24200-1
- 200-24203-1
- 200-24264-1
- 200-24265-1
- 200-24267-1
- 200-24319-1
- 200-24322-1
- 200-24324-1
- 200-24326-1

Vegetation Tissue Samples Data Package

- 200-24127-1
- 200-24133-1
- 200-24138-1
- 200-24199-1
- 200-24204-1
- 200-24205-1
- 200-24206-1
- 200-24207-1
- 200-24208-1
- 200-24209-1
- 200-24250-1
- 200-24253-1
- 200-24329-1
- 200-24331-1
- 200-24332-1
- 200-24333-1

Appendix E – Data Validation Reports are provided in the included CD.


Appendix F – Laboratory Data Packages are provided in the included CD.