



ANALYTICAL SUMMARY REPORT

August 21, 2007

Montgomery Watson Harza
1475 Pine Grove Road Ste 109
PO Box 774018
Steamboat Springs, CO 80477

Workorder No.: C07061467

Project Name: GE (UNC) St Anthony Mine Site

Energy Laboratories, Inc. received the following 123 samples from Montgomery Watson Harza on 6/27/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07061467-001	LOBO-TP1-130	06/22/07 14:30	06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-002	LOBO-TP1-131		06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-003	LOBO-TP2-132	06/22/07 14:45	06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-004	LOBO-TP2-133	06/22/07 14:50	06/27/07	Soil	Same As Above



C07061467-005 LOBO-TP3-134	06/22/07 15:05 06/27/07	Soil	Same As Above
C07061467-006 LOBO-TP3-135 (dup)	06/22/07 15:05 06/27/07	Soil	Same As Above
C07061467-007 LOBO-TP4-136	06/22/07 15:20 06/27/07	Soil	Same As Above
C07061467-008 BS-TP1-041	06/19/07 16:00 06/27/07	Soil	Same As Above
C07061467-009 BS-TP1-042	06/19/07 16:00 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-010 BS-TP2-069	06/19/07 14:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-011 BS-TP2-070	06/19/07 14:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil



C07061467-012 BS-TP2-305	06/19/07 14:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-013 Shaft Pad-SPLP-Comp	06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved SPLP Extraction, Regular
C07061467-014 Mine Dump-SPLP-Comp	06/21/07 11:30 06/27/07	Soil	Same As Above
C07061467-015 Storage Area-SPLP-Comp	06/21/07 11:20 06/27/07	Soil	Same As Above
C07061467-016 Pond 1-SPLP-Comp	06/21/07 12:45 06/27/07	Soil	Same As Above
C07061467-017 Pond 2-SPLP-Comp	06/21/07 13:00 06/27/07	Soil	Same As Above
C07061467-018 Pond 3-SPLP-Comp	06/21/07 13:15 06/27/07	Soil	Same As Above
C07061467-019 Pond 4-SPLP-Comp	06/21/07 13:30 06/27/07	Soil	Same As Above
C07061467-020 Pond 5-SPLP-Comp	06/21/07 12:30 06/27/07	Soil	Same As Above
C07061467-021 TS-TP1-064	06/20/07 13:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-022 TS-TP1-065	06/20/07 13:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil



C07061467-023 TS-TP1-066	06/20/07 13:25 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-024 TS-TP1-067	06/20/07 13:35 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-025 TS-TP1-068	06/20/07 13:50 06/27/07	Soil	Same As Above
C07061467-026 OS1-TP6-306	06/21/07 09:10 06/27/07	Soil	Same As Above
C07061467-027 OS1-TP1-081	06/21/07 09:15 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-028 OS1-TP6-082	06/21/07 09:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-029 PO5-TP5-117	06/21/07 14:40 06/27/07	Soil	Same As Above



C07061467-030 PO5-TP5-118	06/21/07 14:40 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-031 PO5-TP5-119	06/21/07 14:40 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-032 PO4-TP4-111	06/21/07 13:55 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-033 PO4-TP4-112	06/21/07 13:55 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-034 PO4-TP4-113	06/21/07 13:55 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-035 PO3-TP3-114	06/21/07 14:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-036 PO3-TP3-115	06/21/07 14:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO ₃ Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO ₃ Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-037 PO3-TP3-116	06/21/07 14:20 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-038 BG-TP1-124	06/21/07 16:00 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-039 BG-TP1-125	06/21/07 16:00 06/27/07	Soil	Same As Above
C07061467-040 BG-TP2-126	06/21/07 16:15 06/27/07	Soil	Same As Above
C07061467-041 BG-TP2-127	06/21/07 16:20 06/27/07	Soil	Same As Above
C07061467-042 BG-TP3-120	06/21/07 15:30 06/27/07	Soil	Same As Above
C07061467-043 BG-TP3-310	06/21/07 15:30 06/27/07	Soil	Same As Above
C07061467-044 BG-TP3-121	06/21/07 15:35 06/27/07	Soil	Same As Above
C07061467-045 TO-TP1-015	06/19/07 08:55 06/27/07	Soil	Same As Above



C07061467-046 TO-TP1-016	06/19/07 08:55 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-047 TO-TP1-017	06/19/07 09:05 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-048 TO-TP1-018	06/19/07 09:15 06/27/07	Soil	Same As Above
C07061467-049 TO-TP1-019	06/19/07 09:55 06/27/07	Soil	Same As Above
C07061467-050 OS1-TP6-079	06/21/07 09:10 06/27/07	Soil	Same As Above
C07061467-051 OS1-TP6-080	06/21/07 09:10 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil



C07061467-052 BG-TP4-122	06/21/07 00:00 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-053 BG-TP4-123	06/21/07 00:00 06/27/07	Soil	Same As Above
C07061467-054 TN-TP1-071	06/20/07 15:00 06/27/07	Soil	Metals by ICP/CPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Uranium, Total Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals Digestion For RadioChemistry ABDTPA Soil Extraction Gross Alpha, Gross Beta Sample Prep CVAA Permanganate Digest DTPA extraction for metals Gamma Sample Preparation KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic Sodium Adsorption Ratio in Soil
C07061467-055 TN-TP1-072	06/20/07 15:00 06/27/07	Soil	Same As Above
C07061467-056 TN-TP1-073	06/20/07 15:05 06/27/07	Soil	Metals by ICP/CPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-057 TN-TP1-074	06/20/07 15:15 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-058 TN-TP1-075	06/20/07 15:30 06/27/07	Soil	Same As Above
C07061467-059 AR7-TP1-076	06/20/07 15:45 06/27/07	Soil	Same As Above
C07061467-060 AR15-TP1-077	06/20/07 16:05 06/27/07	Soil	Same As Above
C07061467-061 AR19-TP1-078	06/20/07 16:10 06/27/07	Soil	Same As Above
C07061467-062 AR24-TP1-083	06/21/07 09:40 06/27/07	Soil	Same As Above
C07061467-063 AR34-TP1-084	06/21/07 10:15 06/27/07	Soil	Same As Above
C07061467-064 SA-TP1-089	06/21/07 10:45 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Uranium, Total Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals Digestion For RadioChemistry ABDTPA Soil Extraction Gross Alpha, Gross Beta Sample Prep CVAA Permanganate Digest DTPA extraction for metals Gamma Sample Preparation KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic Sodium Adsorption Ratio in Soil
C07061467-065 SA-TP1-090	06/21/07 10:45 06/27/07	Soil	Same As Above
C07061467-066 SA-TP1-307	06/21/07 10:45 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-067 SA-TP1-091	06/21/07 10:45 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved SPLP Extraction, Regular



C07061467-068 P7-TP2-021	06/19/07 10:40 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-069 P7-TP2-020	06/19/07 10:40 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-070 P7-TP2-300	06/19/07 10:14 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-071 P7-TP2-022	06/19/07 10:45 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-072 P7-TP3-023	06/19/07 11:00 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-073 P7-TP3-024	06/19/07 11:00 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO ₃ Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO ₃ Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-074 P7-TP3-026	06/19/07 11:20 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-075 P7-TP4-048	06/20/07 09:35 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-076 P7-TP4-049	06/20/07 09:35 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO ₃ Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO ₃ Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-077 P7-TP4-050	06/20/07 09:40 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-078 P7-TP4-303	06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-079 P7-TP5-053	06/20/07 10:10 06/27/07	Soil	Same As Above



C07061467-080 P7-TP5-054	06/20/07 10:10 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO ₃ Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO ₃ Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-081 P7-TP5-055	06/20/07 10:15 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-082 P7-TP1-001	06/18/07 14:25 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-083 P7-TP1-002	06/18/07 14:25 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-084 P7-TP1-005	06/18/07 15:00 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-085 P6-TP3-037	06/19/07 15:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-086 P6-TP3-038	06/19/07 15:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO ₃ Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO ₃ Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-087 P6-TP3-039	06/19/07 15:30 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-088 P6-TP3-302	06/19/07 15:40 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-089 P6-TP2-032	06/19/07 14:25 06/27/07	Soil	Same As Above



C07061467-090 P6-TP2-033	06/19/07 14:25 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-091 P6-TP2-035	06/19/07 14:50 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-092 P6-TP1-028	06/19/07 13:30 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-093 P6-TP1-030	06/19/07 13:55 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular



C07061467-094 P6-TP1-301	06/19/07 14:10 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-095 P6-TP4-043	06/19/07 16:20 06/27/07	Soil	Same As Above
C07061467-096 P6-TP4-044	06/19/07 16:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-097 P6-TP4-047	06/19/07 16:50 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-098 P6-TP5-057	06/20/07 10:45 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07061467-099 P6-TP5-058	06/20/07 10:50 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-100 P6-TP6-060	06/20/07 11:15 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-101 P6-TP6-061	06/20/07 11:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Uranium, Total Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals Digestion For RadioChemistry ABDTPA Soil Extraction Gross Alpha, Gross Beta Sample Prep CVAA Permanganate Digest DTPA extraction for metals Gamma Sample Preparation KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic Sodium Adsorption Ratio in Soil



C07061467-102 P6-TP6-304	06/20/07 11:15 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-103 OS2-TP5-092	06/21/07 11:00 06/27/07	Soil	Same As Above
C07061467-104 OS2-TP5-093	06/21/07 11:00 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-105 OS2-TP5-094	06/21/07 11:15 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-106 OS2-TP5-096	06/21/07 11:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-107 OS2-TP5-098	06/21/07 11:20 06/27/07	Soil	Same As Above
C07061467-108 PO2-TP2-105	06/21/07 13:30 06/27/07	Soil	Same As Above



C07061467-109 PO2-TP2-110	06/21/07 13:30 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-110 PO2-TP2-106	06/21/07 13:20 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-111 PO2-TP2-108	06/21/07 13:25 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-112 PO2-TP2-309	06/21/07 13:30 06/27/07	Soil	Same As Above
C07061467-113 PO1-TP1-099	06/21/07 12:45 06/27/07	Soil	Same As Above



C07061467-114 PO1-TP1-100	06/21/07 12:45 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-115 PO1-TP1-308	06/21/07 12:45 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-116 PO1-TP1-103	06/21/07 13:00 06/27/07	Soil	Same As Above
C07061467-117 SP-TP2-086	06/21/07 10:30 06/27/07	Soil	Same As Above
C07061467-118 SP-TP2-087	06/21/07 10:30 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil

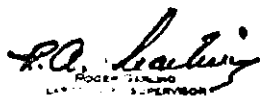


C07061467-119 SP-TP2-088	06/21/07 10:30 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07061467-120 P5-TP1-010	06/18/07 16:10 06/27/07	Soil	Same As Above
C07061467-121 P5-TP1-011	06/18/07 16:20 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07061467-122 P5-TP1-012	06/18/07 16:20 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07061467-123 P6-TP5-059	06/21/07 00:00 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:


R.A. Lachar
PROCESSING SUPERVISOR



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-001
Client Sample ID LOBO-TP1-130

Report Date: 08/21/07
Collection Date: 06/22/07 14:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	7.79	mg/kg-dry	D	0.02		SW6020	07/11/07 05:19 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	9.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.1		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.05	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-002
Client Sample ID LOBO-TP1-131

Report Date: 08/21/07
Collection Date: Not Provided
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.66	mmhos/cm		0.01		ASAM10-3	07/06/07 09:01 / jb
Saturation Percentage	79.6	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	8.1	s.u.		0.01		ASAM10-3.2	07/06/07 09:01 / jb
Nitrogen, Nitrate+Nitrite as N	1.2	mg/kg-dry		1.0		E353.2	07/13/07 14:18 / jal
Chloride, soluble	12.5	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	8.6	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	184	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	2.7	meq/L		0.02		SW6010B	07/12/07 15:24 / ts
Magnesium, sat. paste	3.4	meq/L		0.04		SW6010B	07/12/07 15:24 / ts
Sodium, sat. paste	1.2	meq/L		0.02		SW6010B	07/12/07 15:24 / ts
Sodium Adsorption Ratio (SAR)	0.67	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	3.9	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	13.5	mg/kg-dry	D	0.06		SW6020	07/09/07 15:57 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 13:40 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.034	mg/kg-dry		0.005		A3114 B	07/17/07 09:02 / kes
Selenium	0.007	mg/kg-dry		0.005		A3114 B	07/17/07 14:20 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/17/07 18:30 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 18:30 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 18:30 / sml
Zinc	0.10	mg/kg-dry		0.01		SW6020	07/23/07 14:39 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 18:07 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	54	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	26	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	20	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL - SCL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-002
Client Sample ID LOBO-TP1-131

Report Date: 08/21/07
Collection Date: Not Provided
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.30	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-003
Client Sample ID LOBO-TP2-132

Report Date: 08/21/07
Collection Date: 06/22/07 14:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.25	mg/kg-dry	D	0.03		SW6020	07/11/07 05:23 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	12.7	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.7	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.08	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-004
Client Sample ID LOBO-TP2-133

Report Date: 08/21/07
Collection Date: 06/22/07 14:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.44	mg/kg-dry	D	0.03		SW6020	07/11/07 05:27 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.5	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	13.6	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.7	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.08	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-005
Client Sample ID LOBO-TP3-134

Report Date: 08/21/07
Collection Date: 06/22/07 15:05
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.74	mg/kg-dry	D	0.03		SW6020	07/11/07 05:31 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	9.0	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.4	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.08	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-006
Client Sample ID LOBO-TP3-135 (dup)

Report Date: 08/21/07
Collection Date: 06/22/07 15:05
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.67	mg/kg-dry	D	0.03		SW6020	07/11/07 05:35 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.6	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.09	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-007
Client Sample ID LOBO-TP4-136

Report Date: 08/21/07
Collection Date: 06/22/07 15:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.06	mg/kg-dry	D	0.03		SW6020	07/11/07 05:39 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.9	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.09	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-008
Client Sample ID BS-TP1-041

Report Date: 08/21/07
Collection Date: 06/19/07 16:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.69	mg/kg-dry	D	0.03		SW6020	07/11/07 06:00 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.7	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-009
Client Sample ID BS-TP1-042

Report Date: 08/21/07
Collection Date: 06/19/07 16:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.33	mmhos/cm		0.01		ASAM10-3	07/06/07 09:02 / jb
Saturation Percentage	54.8	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	8.2	s.u.		0.01		ASAM10-3.2	07/06/07 09:02 / jb
Nitrogen, Nitrate+Nitrite as N	1.4	mg/kg-dry		1.0		E353.2	07/13/07 14:23 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	2.1	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	23.7	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	1.5	meq/L		0.02		SW6010B	07/12/07 15:27 / ts
Magnesium, sat. paste	0.93	meq/L		0.04		SW6010B	07/12/07 15:27 / ts
Sodium, sat. paste	1.4	meq/L		0.02		SW6010B	07/12/07 15:27 / ts
Sodium Adsorption Ratio (SAR)	1.27	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	2.6	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	8.7	mg/kg-dry		0.05		SW6020	07/09/07 16:05 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:05 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.022	mg/kg-dry		0.005		A3114 B	07/17/07 09:05 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 14:22 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 18:35 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 18:35 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 18:35 / sml
Zinc	0.13	mg/kg-dry		0.01		SW6020	07/23/07 14:44 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	6	mg/kg-dry		5		SW6010B	07/17/07 18:17 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	63	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	18	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	19	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-009
Client Sample ID BS-TP1-042

Report Date: 08/21/07
Collection Date: 06/19/07 16:00
Date Received: 06/27/07
Matrx: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.26	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-010
Client Sample ID BS-TP2-069

Report Date: 08/21/07
Collection Date: 06/19/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.67	mg/kg-dry	D	0.02		SW6020	07/11/07 06:04 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-011
Client Sample ID BS-TP2-070

Report Date: 08/21/07
Collection Date: 06/19/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	2.64	mmhos/cm		0.01		ASAM10-3	07/06/07 09:03 / jb
Saturation Percentage	54.0	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	7.7	s.u.		0.01		ASAM10-3.2	07/06/07 09:03 / jb
Nitrogen, Nitrate+Nitrite as N	3.1	mg/kg-dry		1.0		E353.2	07/13/07 14:26 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	9.0	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	856	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	31	meq/L		0.02		SW6010B	07/12/07 15:30 / ts
Magnesium, sat. paste	4.7	meq/L		0.04		SW6010B	07/12/07 15:30 / ts
Sodium, sat. paste	0.54	meq/L		0.02		SW6010B	07/12/07 15:30 / ts
Sodium Adsorption Ratio (SAR)	0.13	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	3.6	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	13.8	mg/kg-dry	D	0.06		SW6020	07/09/07 16:12 / smf
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:07 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.045	mg/kg-dry		0.005		A3114 B	07/17/07 09:07 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 14:24 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 15:09 / smf
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 18:40 / smf
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 18:40 / smf
Zinc	0.14	mg/kg-dry		0.01		SW6020	07/23/07 15:09 / smf
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 18:20 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	46	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	30	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	24	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	L			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-011
Client Sample ID BS-TP2-070

Report Date: 08/21/07
Collection Date: 06/19/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.30	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-012
Client Sample ID BS-TP2-305

Report Date: 08/21/07
Collection Date: 06/19/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.74	mg/kg-dry	D	0.03		SW6020	07/11/07 06:08 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-013
Client Sample ID Shaft Pad-SPLP-Comp

Report Date: 08/21/07
Collection Date: Not Provided
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	7.4	mg/L		0.2		E200.7	07/25/07 14:18 / ts
Magnesium	0.80	mg/L	D	0.04		E200.7	07/25/07 14:18 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 14:18 / ts
Sodium	8	mg/L		5		E200.7	07/25/07 14:18 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	2.3	mg/L		0.1		E200.8	07/05/07 21:17 / sml
Arsenic	0.002	mg/L		0.001		E200.8	07/05/07 21:17 / sml
Barium	ND	mg/L		0.01		E200.8	07/05/07 21:17 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 21:17 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 21:17 / sml
Molybdenum	0.023	mg/L		0.001		E200.8	07/05/07 21:17 / sml
Selenium	ND	mg/L		0.001		E200.8	07/05/07 21:17 / sml
Uranium	0.190	mg/L		0.0001		E200.8	07/05/07 21:17 / sml
Vanadium	0.032	mg/L		0.005		E200.8	07/05/07 21:17 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	216	pCi/L		1.0		E900.0	07/14/07 08:43 / res
Gross Alpha precision (±)	4.3	pCi/L				E900.0	07/14/07 08:43 / res
Radium 226	8.3	pCi/L		1.0		E903.0	07/15/07 19:22 / trs
Radium 226 precision (±)	1.6	pCi/L				E903.0	07/15/07 19:22 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 06:10 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-014
Client Sample ID Mine Dump-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 11:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	14.1	mg/L		0.2	E200.7		07/25/07 14:28 / ts
Magnesium	2.02	mg/L	D	0.04	E200.7		07/25/07 14:28 / ts
Potassium	ND	mg/L		3	E200.7		07/25/07 14:28 / ts
Sodium	35	mg/L		5	E200.7		07/25/07 14:28 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.9	mg/L		0.1	E200.8		07/05/07 21:24 / sml
Arsenic	ND	mg/L		0.001	E200.8		07/05/07 21:24 / sml
Barium	ND	mg/L		0.01	E200.8		07/05/07 21:24 / sml
Lead	ND	mg/L		0.04	E200.8		07/05/07 21:24 / sml
Manganese	ND	mg/L		0.01	E200.8		07/05/07 21:24 / sml
Molybdenum	0.009	mg/L		0.001	E200.8		07/05/07 21:24 / sml
Selenium	0.004	mg/L		0.001	E200.8		07/05/07 21:24 / sml
Uranium	0.694	mg/L		0.0001	E200.8		07/05/07 21:24 / sml
Vanadium	0.008	mg/L		0.005	E200.8		07/05/07 21:24 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	554	pCi/L		1.0	E900.0		07/14/07 08:43 / res
Gross Alpha precision (±)	6.5	pCi/L			E900.0		07/14/07 08:43 / res
Radium 226	1.7	pCi/L		1.0	E903.0		07/15/07 21:23 / trs
Radium 226 precision (±)	0.6	pCi/L			E903.0		07/15/07 21:23 / trs
Radium 228	ND	pCi/L		1.4	RA-05		07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-015
Client Sample ID Storage Area-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	10.6	mg/L		0.2		E200.7	07/25/07 14:31 / ts
Magnesium	0.76	mg/L	D	0.04		E200.7	07/25/07 14:31 / ts
Potassium	5	mg/L		3		E200.7	07/25/07 14:31 / ts
Sodium	5	mg/L		5		E200.7	07/25/07 14:31 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	2.1	mg/L		0.1		E200.8	07/05/07 21:32 / sml
Arsenic	0.002	mg/L		0.001		E200.8	07/05/07 21:32 / sml
Barium	0.01	mg/L		0.01		E200.8	07/05/07 21:32 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 21:32 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 21:32 / sml
Molybdenum	0.002	mg/L		0.001		E200.8	07/05/07 21:32 / sml
Selenium	ND	mg/L		0.001		E200.8	07/05/07 21:32 / sml
Uranium	0.0025	mg/L		0.0001		E200.8	07/05/07 21:32 / sml
Vanadium	0.008	mg/L		0.005		E200.8	07/05/07 21:32 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	1.8	pCi/L		1.0		E900.0	07/14/07 08:43 / res
Gross Alpha precision (±)	0.6	pCi/L				E900.0	07/14/07 08:43 / res
Radium 226	ND	pCi/L		1.0		E903.0	07/15/07 23:24 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-016
Client Sample ID Pond 1-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 12:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	14.4	mg/L		0.2		E200.7	07/25/07 14:35 / ts
Magnesium	1.85	mg/L	D	0.04		E200.7	07/25/07 14:35 / ts
Potassium	4	mg/L		3		E200.7	07/25/07 14:35 / ts
Sodium	9	mg/L		5		E200.7	07/25/07 14:35 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.7	mg/L		0.1		E200.8	07/05/07 21:39 / sml
Arsenic	0.003	mg/L		0.001		E200.8	07/05/07 21:39 / sml
Barium	0.02	mg/L		0.01		E200.8	07/05/07 21:39 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 21:39 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 21:39 / sml
Molybdenum	0.032	mg/L		0.001		E200.8	07/05/07 21:39 / sml
Selenium	0.002	mg/L		0.001		E200.8	07/05/07 21:39 / sml
Uranium	1.32	mg/L		0.0001		E200.8	07/05/07 21:39 / sml
Vanadium	0.015	mg/L		0.005		E200.8	07/05/07 21:39 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	1100	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	9.4	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	9.5	pCi/L		1.0		E903.0	07/16/07 00:24 / trs
Radium 226 precision (±)	1.6	pCi/L				E903.0	07/16/07 00:24 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-017
Client Sample ID Pond 2-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 13:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	8.0	mg/L		0.2		E200.7	07/25/07 14:38 / ts
Magnesium	1.26	mg/L	D	0.04		E200.7	07/25/07 14:38 / ts
Potassium	5	mg/L		3		E200.7	07/25/07 14:38 / ts
Sodium	22	mg/L		5		E200.7	07/25/07 14:38 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	3.2	mg/L		0.1		E200.8	07/05/07 21:46 / sml
Arsenic	0.004	mg/L		0.001		E200.8	07/05/07 21:46 / sml
Barium	ND	mg/L		0.01		E200.8	07/05/07 21:46 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 21:46 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 21:46 / sml
Molybdenum	0.081	mg/L		0.001		E200.8	07/05/07 21:46 / sml
Selenium	0.003	mg/L		0.001		E200.8	07/05/07 21:46 / sml
Uranium	2.70	mg/L		0.0001		E200.8	07/05/07 21:46 / sml
Vanadium	0.034	mg/L		0.005		E200.8	07/05/07 21:46 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	1990	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	12.5	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	10.2	pCi/L		1.0		E903.0	07/16/07 01:25 / trs
Radium 226 precision (±)	1.7	pCi/L				E903.0	07/16/07 01:25 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-018
Client Sample ID Pond 3-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 13:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	9.2	mg/L		0.2		E200.7	07/25/07 14:42 / ts
Magnesium	1.76	mg/L	D	0.04		E200.7	07/25/07 14:42 / ts
Potassium	3	mg/L		3		E200.7	07/25/07 14:42 / ts
Sodium	8	mg/L		5		E200.7	07/25/07 14:42 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.6	mg/L		0.1		E200.8	07/05/07 21:54 / sml
Arsenic	0.002	mg/L		0.001		E200.8	07/05/07 21:54 / sml
Barium	ND	mg/L		0.01		E200.8	07/05/07 21:54 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 21:54 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 21:54 / sml
Molybdenum	0.006	mg/L		0.001		E200.8	07/05/07 21:54 / sml
Selenium	ND	mg/L		0.001		E200.8	07/05/07 21:54 / sml
Uranium	0.247	mg/L		0.0001		E200.8	07/05/07 21:54 / sml
Vanadium	0.008	mg/L		0.005		E200.8	07/05/07 21:54 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	226	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	4.3	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	7.1	pCi/L		1.0		E903.0	07/16/07 02:25 / trs
Radium 226 precision (±)	1.5	pCi/L				E903.0	07/16/07 02:25 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-019
Client Sample ID Pond 4-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	7.3	mg/L		0.2		E200.7	07/25/07 14:52 / ts
Magnesium	1.81	mg/L	D	0.04		E200.7	07/25/07 14:52 / ts
Potassium	4	mg/L		3		E200.7	07/25/07 14:52 / ts
Sodium	32	mg/L		5		E200.7	07/25/07 14:52 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	3.8	mg/L		0.1		E200.8	07/05/07 22:01 / sml
Arsenic	0.004	mg/L		0.001		E200.8	07/05/07 22:01 / sml
Barium	ND	mg/L		0.01		E200.8	07/05/07 22:01 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 22:01 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 22:01 / sml
Molybdenum	0.102	mg/L		0.001		E200.8	07/05/07 22:01 / sml
Selenium	0.004	mg/L		0.001		E200.8	07/05/07 22:01 / sml
Uranium	2.56	mg/L		0.0001		E200.8	07/05/07 22:01 / sml
Vanadium	0.027	mg/L		0.005		E200.8	07/05/07 22:01 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	1640	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	11.2	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	5.6	pCi/L		1.0		E903.0	07/16/07 03:26 / trs
Radium 226 precision (±)	1.3	pCi/L				E903.0	07/16/07 03:26 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 07:49 / plj

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-020
Client Sample ID Pond 5-SPLP-Comp

Report Date: 08/21/07
Collection Date: 06/21/07 12:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	8.4	mg/L		0.2	E200.7		07/25/07 14:55 / ts
Magnesium	1.71	mg/L	D	0.04	E200.7		07/25/07 14:55 / ts
Potassium	ND	mg/L		3	E200.7		07/25/07 14:55 / ts
Sodium	10	mg/L		5	E200.7		07/25/07 14:55 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.4	mg/L		0.1	E200.8		07/05/07 22:09 / sml
Arsenic	0.003	mg/L		0.001	E200.8		07/05/07 22:09 / sml
Barium	ND	mg/L		0.01	E200.8		07/05/07 22:09 / sml
Lead	ND	mg/L		0.04	E200.8		07/05/07 22:09 / sml
Manganese	ND	mg/L		0.01	E200.8		07/05/07 22:09 / sml
Molybdenum	0.003	mg/L		0.001	E200.8		07/05/07 22:09 / sml
Selenium	ND	mg/L		0.001	E200.8		07/05/07 22:09 / sml
Uranium	0.0107	mg/L		0.0001	E200.8		07/05/07 22:09 / sml
Vanadium	ND	mg/L		0.005	E200.8		07/05/07 22:09 / sml
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	11.5	pCi/L		1.0	E900.0		07/15/07 04:49 / res
Gross Alpha precision (±)	1.1	pCi/L			E900.0		07/15/07 04:49 / res
Radium 226	1.2	pCi/L		1.0	E903.0		07/16/07 04:26 / trs
Radium 226 precision (±)	0.8	pCi/L			E903.0		07/16/07 04:26 / trs
Radium 228	ND	pCi/L		1.4	RA-05		07/10/07 07:49 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-021
Client Sample ID TS-TP1-064

Report Date: 08/21/07
Collection Date: 06/20/07 13:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.10	mg/kg-dry	D	0.03		SW6020	07/11/07 06:12 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.0	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.08	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-022
Client Sample ID TS-TP1-065

Report Date: 08/21/07
Collection Date: 06/20/07 13:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	5.46	mmhos/cm		0.01		ASAM10-3	07/06/07 09:03 / jb
Saturation Percentage	66.4	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	7.4	s.u.		0.01		ASAM10-3.2	07/06/07 09:03 / jb
Nitrogen, Nitrate+Nitrite as N	1.1	mg/kg-dry		1.0		E353.2	07/13/07 14:28 / jal
Chloride, soluble	13.4	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	8.8	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	2320	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	26	meq/L		0.02		SW6010B	07/12/07 15:34 / ts
Magnesium, sat. paste	39	meq/L		0.04		SW6010B	07/12/07 15:34 / ts
Sodium, sat. paste	15	meq/L		0.02		SW6010B	07/12/07 15:34 / ts
Sodium Adsorption Ratio (SAR)	2.74	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	6.2	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	14.0	mg/kg-dry	D	0.06		SW6020	07/09/07 16:49 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:09 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.034	mg/kg-dry		0.005		A3114 B	07/17/07 09:09 / kes
Selenium	0.036	mg/kg-dry		0.005		A3114 B	07/17/07 14:27 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/23/07 15:13 / sml
Copper	0.7	mg/kg-dry	D	0.5		SW6020	07/23/07 15:13 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 15:13 / sml
Zinc	0.31	mg/kg-dry		0.01		SW6020	07/23/07 15:13 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 18:23 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	47	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	26	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	27	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SCL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	8.4	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-022
Client Sample ID TS-TP1-065

Report Date: 08/21/07
Collection Date: 06/20/07 13:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.22	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-023
Client Sample ID TS-TP1-066

Report Date: 08/21/07
Collection Date: 06/20/07 13:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	18.8	mg/L		0.2		E200.7	07/25/07 14:58 / ts
Magnesium	8.80	mg/L	D	0.04		E200.7	07/25/07 14:58 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 14:58 / ts
Sodium	11	mg/L		5		E200.7	07/25/07 14:58 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/05/07 22:16 / sml
Arsenic	ND	mg/L		0.001		E200.8	07/05/07 22:16 / sml
Barium	ND	mg/L		0.01		E200.8	07/05/07 22:16 / sml
Lead	ND	mg/L		0.04		E200.8	07/05/07 22:16 / sml
Manganese	ND	mg/L		0.01		E200.8	07/05/07 22:16 / sml
Molybdenum	0.002	mg/L		0.001		E200.8	07/05/07 22:16 / sml
Selenium	ND	mg/L		0.001		E200.8	07/05/07 22:16 / sml
Uranium	0.0005	mg/L		0.0001		E200.8	07/05/07 22:16 / sml
Vanadium	ND	mg/L		0.005		E200.8	07/05/07 22:16 / sml
METALS - TOTAL							
Uranium	0.84	mg/kg-dry	D	0.03		SW6020	07/11/07 06:16 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	ND	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Radium 226	4.5	pCi/L		1.0		E903.0	07/16/07 05:27 / trs
Radium 226 precision (±)	1	pCi/L				E903.0	07/16/07 05:27 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/10/07 06:10 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	6.2	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-024
Client Sample ID TS-TP1-067

Report Date: 08/21/07
Collection Date: 06/20/07 13:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.91	mg/kg-dry	D	0.03		SW6020	07/11/07 06:21 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.5	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.06	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-025
Client Sample ID TS-TP1-068

Report Date: 08/21/07
Collection Date: 06/20/07 13:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.58	mg/kg-dry	D	0.02		SW6020	07/11/07 06:25 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	9.5	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	ND	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-026
Client Sample ID: OS1-TP6-306

Report Date: 08/21/07
Collection Date: 06/21/07 09:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	295	mg/kg-dry	D	0.03		SW6020	07/11/07 06:29 / bws
RADIONUCLIDES - GAMMA							
Radium 226	15.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.5	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	168	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	2.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	22	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.7	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-027
Client Sample ID OS1-TP1-081

Report Date: 08/21/07
Collection Date: 06/21/07 09:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	27.0	mg/L		0.2		E200.7	07/25/07 15:24 / ts
Magnesium	4.57	mg/L	D	0.04		E200.7	07/25/07 15:24 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:24 / ts
Sodium	12	mg/L		5		E200.7	07/25/07 15:24 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/09/07 15:34 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 15:34 / bws
Barium	0.02	mg/L		0.01		E200.8	07/09/07 15:34 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 15:34 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/09/07 15:34 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 15:34 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 15:34 / bws
Uranium	0.0630	mg/L		0.0001		E200.8	07/09/07 15:34 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 15:34 / bws
METALS - TOTAL							
Uranium	47.9	mg/kg-dry	D	0.03		SW6020	07/11/07 06:33 / bws
RADIONUCLIDES - GAMMA							
Radium 226	13.0	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	47.5	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	2.0	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	5.8	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	1	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	59.7	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	6.7	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-028
Client Sample ID OS1-TP6-082

Report Date: 08/21/07
Collection Date: 06/21/07 09:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	32.4	mg/kg-dry	D	0.02		SW6020	07/11/07 06:54 / bws
RADIONUCLIDES - GAMMA							
Radium 226	9.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	59.0	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	5.9	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-029
Client Sample ID PO5-TP5-117

Report Date: 08/21/07
Collection Date: 06/21/07 14:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	7.59	mg/kg-dry	D	0.02		SW6020	07/11/07 07:22 / bws
RADIONUCLIDES - GAMMA							
Radium 226	2.3	pCi/g-dry		1.0	E901.1		07/18/07 06:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry			E901.1		07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	16.0	pCi/g-dry		2.0	E900.0		07/09/07 10:00 / res
Gross Alpha precision (±)	0.8	pCi/g-dry			E900.0		07/09/07 10:00 / res
Thorium 230	0.9	pCi/g-dry		0.2	E907.0		07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry			E907.0		07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-030
Client Sample ID PO5-TP5-118

Report Date: 08/21/07
Collection Date: 06/21/07 14:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.60	mmhos/cm		0.01		ASAM10-3	07/06/07 09:05 / jb
Saturation Percentage	65.2	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	7.7	s.u.		0.01		ASAM10-3.2	07/06/07 09:05 / jb
Nitrogen, Nitrate+Nitrite as N	1.3	mg/kg-dry		1.0		E353.2	07/13/07 14:31 / jal
Chloride, soluble	6.3	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	10.2	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	405	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	5.6	meq/L		0.02		SW6010B	07/12/07 15:37 / ts
Magnesium, sat. paste	2.0	meq/L		0.04		SW6010B	07/12/07 15:37 / ts
Sodium, sat. paste	9.9	meq/L		0.02		SW6010B	07/12/07 15:37 / ts
Sodium Adsorption Ratio (SAR)	5.14	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	5.5	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	13.3	mg/kg-dry	D	0.06		SW6020	07/07/07 01:43 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:11 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.049	mg/kg-dry		0.005		A3114 B	07/17/07 09:11 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 14:29 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/23/07 15:18 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 18:49 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 18:49 / sml
Zinc	0.22	mg/kg-dry		0.01		SW6020	07/23/07 15:18 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 18:43 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	49	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	25	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	26	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SCL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-030
Client Sample ID PO5-TP5-118

Report Date: 08/21/07
Collection Date: 06/21/07 14:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.47	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-031
Client Sample ID PO5-TP5-119

Report Date: 08/21/07
Collection Date: 06/21/07 14:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	2.8	mg/L		0.2		E200.7	07/25/07 15:37 / ts
Magnesium	0.60	mg/L	D	0.04		E200.7	07/25/07 15:37 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:37 / ts
Sodium	19	mg/L		5		E200.7	07/25/07 15:37 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.7	mg/L		0.1		E200.8	07/09/07 16:01 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/09/07 16:01 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 16:01 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 16:01 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 16:01 / bws
Molybdenum	0.002	mg/L		0.001		E200.8	07/09/07 16:01 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 16:01 / bws
Uranium	0.0051	mg/L		0.0001		E200.8	07/09/07 16:01 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 16:01 / bws
METALS - TOTAL							
Uranium	18.0	mg/kg-dry	D	0.03		SW6020	07/11/07 07:27 / bws
RADIONUCLIDES - GAMMA							
Radium 226	8.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	7.0	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	1.1	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	0.4	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	26.9	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	1.0	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	4.7	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-032
Client Sample ID PO4-TP4-111

Report Date: 08/21/07
Collection Date: 06/21/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1090	mg/kg-dry	D	0.03		SW6020	07/11/07 07:47 / bws
RADIONUCLIDES - GAMMA							
Radium 226	352	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	30.6	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	1170	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	6.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	243	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	6.0	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-033
Client Sample ID PO4-TP4-112

Report Date: 08/21/07
Collection Date: 06/21/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.97	mmhos/cm		0.01		ASAM10-3	07/06/07 09:05 / jb
Saturation Percentage	91.0	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	8.8	s.u.		0.01		ASAM10-3.2	07/06/07 09:05 / jb
Nitrogen, Nitrate+Nitrite as N	4.7	mg/kg-dry		1.0		E353.2	07/13/07 14:36 / jal
Chloride, soluble	11.4	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	6.1	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	240	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	0.89	meq/L		0.02		SW6010B	07/12/07 15:41 / ts
Magnesium, sat. paste	0.29	meq/L		0.04		SW6010B	07/12/07 15:41 / ts
Sodium, sat. paste	9.6	meq/L		0.02		SW6010B	07/12/07 15:41 / ts
Sodium Adsorption Ratio (SAR)	12.6	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	19.1	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	14.6	mg/kg-dry	D	0.06		SW6020	07/07/07 01:50 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:14 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.170	mg/kg-dry		0.005		A3114 B	07/17/07 09:13 / kes
Selenium	0.062	mg/kg-dry		0.005		A3114 B	07/17/07 14:31 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 18:54 / sml
Copper	1.2	mg/kg-dry	D	0.5		SW6020	07/17/07 18:54 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 18:54 / sml
Zinc	3.02	mg/kg-dry		0.01		SW6020	07/23/07 15:23 / sml
METALS - NAHCO₃ EXTRACTABLE							
Phosphorus, Olsen	13	mg/kg-dry		5		SW6010B	07/17/07 18:46 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	7.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	34	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	59	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	C			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-033
Client Sample ID PO4-TP4-112

Report Date: 08/21/07
Collection Date: 06/21/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.64	%		0.02		ASA29-3	07/17/07 09:38 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-034
Client Sample ID PO4-TP4-113

Report Date: 08/21/07
Collection Date: 06/21/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	2.0	mg/L		0.2		E200.7	07/25/07 15:41 / ts
Magnesium	0.56	mg/L	D	0.04		E200.7	07/25/07 15:41 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:41 / ts
Sodium	58	mg/L		5		E200.7	07/25/07 15:41 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.5	mg/L		0.1		E200.8	07/09/07 16:08 / bws
Arsenic	0.007	mg/L		0.001		E200.8	07/09/07 16:08 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 16:08 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 16:08 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 16:08 / bws
Molybdenum	0.068	mg/L		0.001		E200.8	07/09/07 16:08 / bws
Selenium	0.003	mg/L		0.001		E200.8	07/09/07 16:08 / bws
Uranium	1.54	mg/L		0.0001		E200.8	07/09/07 16:08 / bws
Vanadium	0.095	mg/L		0.005		E200.8	07/09/07 16:08 / bws
METALS - TOTAL							
Uranium	809	mg/kg-dry	D	0.03		SW6020	07/11/07 07:51 / bws
RADIONUCLIDES - GAMMA							
Radium 226	266	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	23.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	1900	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	11.7	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	48.2	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	2.0	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	985	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	6.0	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	155	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	5.2	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-035
Client Sample ID PO3-TP3-114

Report Date: 08/21/07
Collection Date: 06/21/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	364	mg/kg-dry	D	0.02		SW6020	07/11/07 07:55 / bws
RADIONUCLIDES - GAMMA							
Radium 226	221	pCi/g-dry		1.0	E901.1		07/18/07 06:15 / dpb
Radium 226 precision (±)	24.2	pCi/g-dry			E901.1		07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	622	pCi/g-dry		2.0	E900.0		07/09/07 10:00 / res
Gross Alpha precision (±)	4.8	pCi/g-dry			E900.0		07/09/07 10:00 / res
Thorium 230	99	pCi/g-dry		0.2	E907.0		07/18/07 15:00 / dmf
Thorium 230 precision (±)	4.1	pCi/g-dry			E907.0		07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-036
Client Sample ID PO3-TP3-115

Report Date: 08/21/07
Collection Date: 06/21/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.29	mmhos/cm		0.01		ASAM10-3	07/06/07 09:07 / jlb
Saturation Percentage	177	%		0.1		USDA27a	07/06/07 09:53 / jlb
pH, sat. paste	8.4	s.u.		0.01		ASAM10-3.2	07/06/07 09:07 / jlb
Nitrogen, Nitrate+Nitrite as N	1.8	mg/kg-dry		1.0		E353.2	07/13/07 14:38 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	11.6	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	101	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	1.0	meq/L		0.02		SW6010B	07/12/07 15:44 / ts
Magnesium, sat. paste	0.43	meq/L		0.04		SW6010B	07/12/07 15:44 / ts
Sodium, sat. paste	1.5	meq/L		0.02		SW6010B	07/12/07 15:44 / ts
Sodium Adsorption Ratio (SAR)	1.79	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	21.7	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	13.8	mg/kg-dry		0.05		SW6020	07/07/07 01:58 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:16 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.121	mg/kg-dry		0.005		A3114 B	07/17/07 09:15 / kes
Selenium	0.024	mg/kg-dry		0.005		A3114 B	07/17/07 14:33 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 19:19 / sml
Copper	1.7	mg/kg-dry	D	0.5		SW6020	07/17/07 19:19 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 19:19 / sml
Zinc	3.08	mg/kg-dry		0.01		SW6020	07/23/07 15:28 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	10	mg/kg-dry		5		SW6010B	07/17/07 18:50 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	21	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	35	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	44	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	C			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	ND	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-036
Client Sample ID PO3-TP3-115

Report Date: 08/21/07
Collection Date: 06/21/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.88	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-037
Client Sample ID PO3-TP3-116

Report Date: 08/21/07
Collection Date: 06/21/07 14:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	4.5	mg/L		0.2		E200.7	07/25/07 15:44 / ts
Magnesium	1.03	mg/L	D	0.04		E200.7	07/25/07 15:44 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:44 / ts
Sodium	21	mg/L		5		E200.7	07/25/07 15:44 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.7	mg/L		0.1		E200.8	07/09/07 16:41 / bws
Arsenic	0.003	mg/L		0.001		E200.8	07/09/07 16:41 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 16:41 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 16:41 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 16:41 / bws
Molybdenum	0.016	mg/L		0.001		E200.8	07/09/07 16:41 / bws
Selenium	0.001	mg/L		0.001		E200.8	07/09/07 16:41 / bws
Uranium	0.155	mg/L		0.0001		E200.8	07/09/07 16:41 / bws
Vanadium	0.099	mg/L		0.005		E200.8	07/09/07 16:41 / bws
METALS - TOTAL							
Uranium	674	mg/kg-dry	D	0.03		SW6020	07/11/07 08:00 / bws
RADIONUCLIDES - GAMMA							
Radium 226	161	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	17.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	205	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Gross Alpha precision (±)	4.1	pCi/L				E900.0	07/15/07 04:49 / res
Radium 226	12.1	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	1	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	1140	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	6.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	280	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	7.1	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-038
Client Sample ID BG-TP1-124

Report Date: 08/21/07
Collection Date: 06/21/07 16:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	6.49	mg/kg-dry	D	0.03		SW6020	07/11/07 08:04 / bws
RADIONUCLIDES - GAMMA							
Radium 226	3.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.4	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	17.6	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.8	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	1.1	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-039
Client Sample ID BG-TP1-125

Report Date: 08/21/07
Collection Date: 06/21/07 16:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.52	mg/kg-dry	D	0.03		SW6020	07/11/07 08:08 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	6.4	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-040
Client Sample ID BG-TP2-126

Report Date: 08/21/07
Collection Date: 06/21/07 16:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	2.63	mg/kg-dry	D	0.02		SW6020	07/11/07 08:12 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.0	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	10.2	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.5	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-041
Client Sample ID BG-TP2-127

Report Date: 08/21/07
Collection Date: 06/21/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.95	mg/kg-dry	D	0.03		SW6020	07/11/07 08:16 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	11.3	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.7	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-042
Client Sample ID BG-TP3-120

Report Date: 08/21/07
Collection Date: 06/21/07 15:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.67	mg/kg-dry	D	0.02		SW6020	07/11/07 08:20 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	10.1	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.09	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-043
Client Sample ID BG-TP3-310

Report Date: 08/21/07
Collection Date: 06/21/07 15:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.67	mg/kg-dry	D	0.03		SW6020	07/11/07 08:41 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.7	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.4	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.09	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-044
Client Sample ID BG-TP3-121

Report Date: 08/21/07
Collection Date: 06/21/07 15:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.47	mg/kg-dry	D	0.03		SW6020	07/11/07 08:45 / bws
RADIONUCLIDES - GAMMA							
Radium 226	1.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	7.7	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-045
Client Sample ID TO-TP1-015

Report Date: 08/21/07
Collection Date: 06/19/07 08:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.02	mg/kg-dry	D	0.02		SW6020	07/11/07 08:49 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	6.6	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-046
Client Sample ID TO-TP1-016

Report Date: 08/21/07
Collection Date: 06/19/07 08:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.86	mmhos/cm		0.01		ASAM10-3	07/06/07 09:08 / jb
Saturation Percentage	61.0	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	7.4	s.u.		0.01		ASAM10-3.2	07/06/07 09:08 / jb
Nitrogen, Nitrate+Nitrite as N	ND	mg/kg-dry		1.0		E353.2	07/13/07 14:41 / jal
Chloride, soluble	19.0	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	7.2	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	1370	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	27	meq/L		0.02		SW6010B	07/12/07 15:47 / ts
Magnesium, sat. paste	16	meq/L		0.04		SW6010B	07/12/07 15:47 / ts
Sodium, sat. paste	10	meq/L		0.02		SW6010B	07/12/07 15:47 / ts
Sodium Adsorption Ratio (SAR)	2.26	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	6.1	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	20.4	mg/kg-dry	D	0.06		SW6020	07/07/07 02:05 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:18 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.037	mg/kg-dry		0.005		A3114 B	07/17/07 09:17 / kes
Selenium	0.009	mg/kg-dry		0.005		A3114 B	07/17/07 14:35 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/23/07 15:33 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 19:24 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 19:24 / sml
Zinc	0.18	mg/kg-dry		0.01		SW6020	07/23/07 15:33 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	7	mg/kg-dry		5		SW6010B	07/17/07 18:53 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	40	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	27	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	33	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	CL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	13	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-046
Client Sample ID TO-TP1-016

Report Date: 08/21/07
Collection Date: 06/19/07 08:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.15	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-047
Client Sample ID TO-TP1-017

Report Date: 08/21/07
Collection Date: 06/19/07 09:05
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.83	mg/kg-dry	D	0.03		SW6020	07/11/07 08:53 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	7.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-048
Client Sample ID TO-TP1-018

Report Date: 08/21/07
Collection Date: 06/19/07 09:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.64	mg/kg-dry	D	0.03		SW6020	07/11/07 08:58 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	4.6	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	ND	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-049
Client Sample ID TO-TP1-019

Report Date: 08/21/07
Collection Date: 06/19/07 09:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.79	mg/kg-dry	D	0.03		SW6020	07/11/07 09:43 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	9.8	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/18/07 15:00 / dmf
Thorium 230 precision (±)	0.08	pCi/g-dry				E907.0	07/18/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-050
Client Sample ID OS1-TP6-079

Report Date: 08/21/07
Collection Date: 06/21/07 09:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	76.0	mg/kg-dry	D	0.03		SW6020	07/11/07 09:47 / bws
RADIONUCLIDES - GAMMA							
Radium 226	13.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	61.3	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	11	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-051
Client Sample ID OS1-TP6-080

Report Date: 08/21/07
Collection Date: 06/21/07 09:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	2.68	mmhos/cm		0.01		ASAM10-3	07/06/07 09:09 / jb
Saturation Percentage	49.8	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	5.9	s.u.		0.01		ASAM10-3.2	07/06/07 09:09 / jb
Nitrogen, Nitrate+Nitrite as N	ND	mg/kg-dry		1.0		E353.2	07/13/07 14:43 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	5.7	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	803	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	24	meq/L		0.02		SW6010B	07/12/07 16:07 / ts
Magnesium, sat. paste	11	meq/L		0.04		SW6010B	07/12/07 16:07 / ts
Sodium, sat. paste	1.7	meq/L		0.02		SW6010B	07/12/07 16:07 / ts
Sodium Adsorption Ratio (SAR)	0.40	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	5.6	%		0.1		USDA26	07/03/07 08:12 / dcj
METALS - TOTAL							
Chromium	4.8	mg/kg-dry	D	0.06		SW6020	07/07/07 03:27 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:20 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.068	mg/kg-dry		0.005		A3114 B	07/17/07 09:19 / kes
Selenium	0.006	mg/kg-dry		0.005		A3114 B	07/17/07 14:38 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/23/07 15:38 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/23/07 15:38 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 15:38 / sml
Zinc	0.67	mg/kg-dry		0.01		SW6020	07/23/07 15:38 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	20	mg/kg-dry		5		SW6010B	07/17/07 18:56 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	89	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	5.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	6.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	S			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-051
Client Sample ID OS1-TP6-080

Report Date: 08/21/07
Collection Date: 06/21/07 09:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.18	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-052
Client Sample ID BG-TP4-122

Report Date: 08/21/07
Collection Date: 06/21/07
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	9.18	mg/kg-dry	D	0.03		SW6020	07/11/07 09:51 / bws
RADIONUCLIDES - GAMMA							
Radium 226	3.4	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	23.4	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.9	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	2.2	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.2	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-053
Client Sample ID BG-TP4-123

Report Date: 08/21/07
Collection Date: 06/21/07
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	7.20	mg/kg-dry	D	0.02		SW6020	07/11/07 09:55 / bws
RADIONUCLIDES - GAMMA							
Radium 226	2.0	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	15.5	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.8	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	1.9	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.2	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-054
Client Sample ID TN-TP1-071

Report Date: 08/21/07
Collection Date: 06/20/07 15:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.79	mmhos/cm		0.01		ASAM10-3	07/06/07 09:10 / jb
Saturation Percentage	51.7	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	8.0	s.u.		0.01		ASAM10-3.2	07/06/07 09:10 / jb
Nitrogen, Nitrate+Nitrite as N	1.1	mg/kg-dry		1.0		E353.2	07/13/07 14:46 / jal
Chloride, soluble	8.5	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	4.8	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	146	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	3.4	meq/L		0.02		SW6010B	07/12/07 16:10 / ts
Magnesium, sat. paste	3.0	meq/L		0.04		SW6010B	07/12/07 16:10 / ts
Sodium, sat. paste	2.3	meq/L		0.02		SW6010B	07/12/07 16:10 / ts
Sodium Adsorption Ratio (SAR)	1.31	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	3.5	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	12.7	mg/kg-dry	D	0.07		SW6020	07/07/07 03:34 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:23 / kes
Uranium	0.60	mg/kg-dry	D	0.03		SW6020	07/11/07 10:00 / bws
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.028	mg/kg-dry		0.005		A3114 B	07/17/07 09:21 / kes
Selenium	0.005	mg/kg-dry		0.005		A3114 B	07/17/07 14:40 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/17/07 19:33 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 19:33 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 19:33 / sml
Zinc	0.10	mg/kg-dry		0.01		SW6020	07/23/07 15:43 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	11	mg/kg-dry		5		SW6010B	07/17/07 19:00 / cp
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	7.4	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	ND	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-054
Client Sample ID TN-TP1-071

Report Date: 08/21/07
Collection Date: 06/20/07 15:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	59	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	24	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	17	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.4	%		1.0		ASA15-5	07/18/07 08:49 / mkf
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.24	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-055
Client Sample ID TN-TP1-072

Report Date: 08/21/07
Collection Date: 06/20/07 15:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.76	mmhos/cm		0.01		ASAM10-3	07/06/07 09:11 / jb
Saturation Percentage	63.5	%		0.1		USDA27a	07/06/07 09:53 / jb
pH, sat. paste	8.1	s.u.		0.01		ASAM10-3.2	07/06/07 09:11 / jb
Nitrogen, Nitrate+Nitrite as N	ND	mg/kg-dry		1.0		E353.2	07/13/07 14:53 / jal
Chloride, soluble	9.1	mg/kg-dry		5.0		SW6010B	07/16/07 15:17 / sec
Potassium, soluble	5.9	mg/kg-dry		1.0		SW6010B	07/16/07 15:17 / sec
Sulfate, soluble	176	mg/kg-dry		0.10		SW6010B	07/16/07 15:17 / sec
Calcium, sat. paste	3.7	meq/L		0.02		SW6010B	07/12/07 16:14 / ts
Magnesium, sat. paste	3.0	meq/L		0.04		SW6010B	07/12/07 16:14 / ts
Sodium, sat. paste	2.0	meq/L		0.02		SW6010B	07/12/07 16:14 / ts
Sodium Adsorption Ratio (SAR)	1.12	unitless		0.01		Calculation	07/16/07 15:24 / dab
PHYSICAL PROPERTIES							
Moisture	3.7	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	12.3	mg/kg-dry	D	0.07		SW6020	07/07/07 03:42 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/09/07 14:25 / kes
Uranium	0.63	mg/kg-dry	D	0.03		SW6020	07/11/07 10:04 / bws
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.028	mg/kg-dry		0.005		A3114 B	07/17/07 09:36 / kes
Selenium	0.007	mg/kg-dry		0.005		A3114 B	07/17/07 14:55 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/17/07 19:53 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 19:53 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 19:53 / sml
Zinc	0.11	mg/kg-dry		0.01		SW6020	07/23/07 17:23 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	8	mg/kg-dry		5		SW6010B	07/17/07 19:03 / cp
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	5.6	pCi/g-dry		2.0		E900.0	07/09/07 10:00 / res
Gross Alpha precision (±)	0.5	pCi/g-dry				E900.0	07/09/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-055
Client Sample ID TN-TP1-072

Report Date: 08/21/07
Collection Date: 06/20/07 15:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/20/07 15:00 / dmf
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	65	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	15	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	20	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL - SCL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.3	%		1.0		ASA15-5	07/18/07 08:49 / mkf
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.25	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-056
Client Sample ID TN-TP1-073

Report Date: 08/21/07
Collection Date: 06/20/07 15:05
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	6.0	mg/L		0.2		E200.7	07/25/07 15:47 / ts
Magnesium	4.36	mg/L	D	0.04		E200.7	07/25/07 15:47 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:47 / ts
Sodium	13	mg/L		5		E200.7	07/25/07 15:47 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.9	mg/L		0.1		E200.8	07/09/07 16:48 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 16:48 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 16:48 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 16:48 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 16:48 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 16:48 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 16:48 / bws
Uranium	0.0002	mg/L		0.0001		E200.8	07/09/07 16:48 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 16:48 / bws
METALS - TOTAL							
Uranium	0.63	mg/kg-dry	D	0.03		SW6020	07/11/07 10:08 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	ND	pCi/L		1.0		E900.0	07/15/07 04:49 / res
Radium 226	ND	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	9.2	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	ND	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-057
Client Sample ID TN-TP1-074

Report Date: 08/21/07
Collection Date: 06/20/07 15:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.65	mg/kg-dry	D	0.03		SW6020	07/11/07 10:29 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.3	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-058
Client Sample ID TN-TP1-075

Report Date: 08/21/07
Collection Date: 06/20/07 15:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.51	mg/kg-dry	D	0.03		SW6020	07/11/07 10:33 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.8	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	0.2	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.07	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-059
Client Sample ID AR7-TP1-076

Report Date: 08/21/07
Collection Date: 06/20/07 15:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	286	mg/kg-dry	D	0.03		SW6020	07/11/07 10:37 / bws
RADIONUCLIDES - GAMMA							
Radium 226	94.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.1	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	530	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	71	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-060
Client Sample ID AR15-TP1-077

Report Date: 08/21/07
Collection Date: 06/20/07 16:05
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	99.1	mg/kg-dry	D	0.03		SW6020	07/11/07 10:41 / bws
RADIONUCLIDES - GAMMA							
Radium 226	42.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.6	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	181	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	50	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-061
Client Sample ID AR19-TP1-078

Report Date: 08/21/07
Collection Date: 06/20/07 16:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	254	mg/kg-dry	D	0.03		SW6020	07/11/07 10:45 / bws
RADIONUCLIDES - GAMMA							
Radium 226	52.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	230	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.9	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	39	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-062
Client Sample ID AR24-TP1-083

Report Date: 08/21/07
Collection Date: 06/21/07 09:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	17.8	mg/kg-dry	D	0.03		SW6020	07/11/07 10:49 / bws
RADIONUCLIDES - GAMMA							
Radium 226	7.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.5	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	45.1	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	1.3	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	4.2	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-063
Client Sample ID AR34-TP1-084

Report Date: 08/21/07
Collection Date: 06/21/07 10:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	90.7	mg/kg-dry	D	0.02		SW6020	07/11/07 10:54 / bws
RADIONUCLIDES - GAMMA							
Radium 226	14.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	61.5	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	13	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	07/20/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-064
Client Sample ID SA-TP1-089

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.82	mmhos/cm		0.01		ASAM10-3	07/10/07 09:41 / jb
Saturation Percentage	64.8	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	7.7	s.u.		0.01		ASAM10-3.2	07/10/07 09:41 / jb
Nitrogen, Nitrate+Nitrite as N	2.0	mg/kg-dry		1.0		E353.2	07/13/07 14:56 / jal
Chloride, soluble	8.0	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	11.4	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	194	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	8.5	meq/L		0.02		SW6010B	07/17/07 10:16 / ts
Magnesium, sat. paste	0.98	meq/L		0.04		SW6010B	07/17/07 10:16 / ts
Sodium, sat. paste	0.36	meq/L		0.02		SW6010B	07/17/07 10:16 / ts
Sodium Adsorption Ratio (SAR)	0.16	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	5.9	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	15.5	mg/kg-dry	D	0.06		SW6020	07/07/07 03:49 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 10:54 / kes
Uranium	1.91	mg/kg-dry	D	0.03		SW6020	07/11/07 10:58 / bws
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.038	mg/kg-dry		0.005		A3114 B	07/17/07 09:38 / kes
Selenium	0.005	mg/kg-dry		0.005		A3114 B	07/17/07 14:57 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 19:58 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 19:58 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 19:58 / sml
Zinc	1.06	mg/kg-dry		0.01		SW6020	07/23/07 17:28 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	12	mg/kg-dry		5		SW6010B	07/17/07 19:06 / cp
RADIONUCLIDES - GAMMA							
Radium 226	1.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	8.0	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.6	pCi/g-dry				E900.0	07/11/07 10:00 / res

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-064
Client Sample ID SA-TP1-089

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 230	0.5	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/20/07 15:00 / dmf
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	42	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	31	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	27	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	CL - L			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.3	%		1.0		ASA15-5	07/18/07 08:49 / mkf
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.82	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-065
Client Sample ID SA-TP1-090

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.60	mmhos/cm		0.01		ASAM10-3	07/10/07 09:44 / jb
Saturation Percentage	63.7	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	7.8	s.u.		0.01		ASAM10-3.2	07/10/07 09:44 / jb
Nitrogen, Nitrate+Nitrite as N	1.9	mg/kg-dry		1.0		E353.2	07/13/07 14:58 / jal
Chloride, soluble	6.4	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	9.9	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	117	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	6.2	meq/L		0.02		SW6010B	07/17/07 10:20 / ts
Magnesium, sat. paste	0.68	meq/L		0.04		SW6010B	07/17/07 10:20 / ts
Sodium, sat. paste	0.30	meq/L		0.02		SW6010B	07/17/07 10:20 / ts
Sodium Adsorption Ratio (SAR)	0.16	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	5.5	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	13.7	mg/kg-dry	D	0.06		SW6020	07/07/07 03:57 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 10:56 / kes
Uranium	2.85	mg/kg-dry	D	0.03		SW6020	07/13/07 02:16 / bws
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.040	mg/kg-dry		0.005		A3114 B	07/17/07 09:40 / kes
Selenium	0.006	mg/kg-dry		0.005		A3114 B	07/17/07 14:59 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:22 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 20:22 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 20:22 / sml
Zinc	1.05	mg/kg-dry		0.01		SW6020	07/23/07 17:32 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	12	mg/kg-dry		5		SW6010B	07/17/07 19:09 / cp
RADIONUCLIDES - GAMMA							
Radium 226	1.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	3.9	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.4	pCi/g-dry				E900.0	07/11/07 10:00 / res

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-065
Client Sample ID SA-TP1-090

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 230	0.5	pCi/g-dry		0.2		E907.0	07/20/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/20/07 15:00 / dmf
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	41	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	25	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	34	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	CL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.5	%		1.0		ASA15-5	07/18/07 08:49 / mkf
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.81	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-066
Client Sample ID SA-TP1-307

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1.44	mg/kg-dry	D	0.03		SW6020	07/12/07 00:03 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	3.6	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	0.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	ND	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-067
Client Sample ID SA-TP1-091

Report Date: 08/21/07
Collection Date: 06/21/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	10.8	mg/L	D	0.2	E200.7		07/25/07 15:51 / ts
Magnesium	0.86	mg/L		0.04	E200.7		07/25/07 15:51 / ts
Potassium	ND	mg/L		3	E200.7		07/25/07 15:51 / ts
Sodium	26	mg/L		5	E200.7		07/25/07 15:51 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.3	mg/L		0.1	E200.8		07/09/07 16:55 / bws
Arsenic	0.001	mg/L		0.001	E200.8		07/09/07 16:55 / bws
Barium	ND	mg/L		0.01	E200.8		07/09/07 16:55 / bws
Lead	ND	mg/L		0.04	E200.8		07/09/07 16:55 / bws
Manganese	ND	mg/L		0.01	E200.8		07/09/07 16:55 / bws
Molybdenum	0.001	mg/L		0.001	E200.8		07/09/07 16:55 / bws
Selenium	ND	mg/L		0.001	E200.8		07/09/07 16:55 / bws
Uranium	0.0010	mg/L		0.0001	E200.8		07/09/07 16:55 / bws
Vanadium	ND	mg/L		0.005	E200.8		07/09/07 16:55 / bws
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	ND	pCi/L		1.0	E900.0		07/15/07 04:50 / res
Radium 226	ND	pCi/L		1.0	E903.0		07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4	RA-05		07/17/07 06:12 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-068
Client Sample ID P7-TP2-021

Report Date: 08/21/07
Collection Date: 06/19/07 10:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	137	mg/kg-dry	D	0.03		SW6020	07/12/07 00:07 / bws
RADIONUCLIDES - GAMMA							
Radium 226	26.9	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.1	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	163	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	19	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.5	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-069
Client Sample ID P7-TP2-020

Report Date: 08/21/07
Collection Date: 06/19/07 10:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	2.13	mmhos/cm		0.01		ASAM10-3	07/10/07 09:46 / jb
Saturation Percentage	43.1	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.5	s.u.		0.01		ASAM10-3.2	07/10/07 09:46 / jb
Nitrogen, Nitrate+Nitrite as N	1.7	mg/kg-dry		1.0		E353.2	07/13/07 15:01 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	6.2	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	569	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	16	meq/L		0.02		SW6010B	07/17/07 10:26 / ts
Magnesium, sat. paste	6.9	meq/L		0.04		SW6010B	07/17/07 10:23 / ts
Sodium, sat. paste	1.8	meq/L		0.02		SW6010B	07/17/07 10:23 / ts
Sodium Adsorption Ratio (SAR)	0.54	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	3.6	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	2.2	mg/kg-dry		0.05		SW6020	07/07/07 05:18 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 10:58 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.020	mg/kg-dry		0.005		A3114 B	07/17/07 09:42 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 15:02 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:27 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 20:27 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 20:27 / sml
Zinc	0.48	mg/kg-dry		0.01		SW6020	07/23/07 17:37 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	6	mg/kg-dry		5		SW6010B	07/17/07 19:13 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	79	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	7.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	14	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-069
Client Sample ID P7-TP2-020

Report Date: 08/21/07
Collection Date: 06/19/07 10:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.15	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-070
Client Sample ID P7-TP2-300

Report Date: 08/21/07
Collection Date: 06/19/07 10:14
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	87.4	mg/kg-dry	D	0.03		SW6020	07/12/07 00:11 / bws
RADIONUCLIDES - GAMMA							
Radium 226	26.9	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	163	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	18	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	0.9	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-071
Client Sample ID P7-TP2-022

Report Date: 08/21/07
Collection Date: 06/19/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	30.6	mg/L		0.2		E200.7	07/25/07 15:54 / ts
Magnesium	4.62	mg/L	D	0.04		E200.7	07/25/07 15:54 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 15:54 / ts
Sodium	17	mg/L		5		E200.7	07/25/07 15:54 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.2	mg/L		0.1		E200.8	07/09/07 17:02 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 17:02 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 17:02 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:02 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 17:02 / bws
Molybdenum	0.001	mg/L		0.001		E200.8	07/09/07 17:02 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:02 / bws
Uranium	0.0886	mg/L		0.0001		E200.8	07/09/07 17:02 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 17:02 / bws
METALS - TOTAL							
Uranium	108	mg/kg-dry	D	0.03		SW6020	07/12/07 00:15 / bws
RADIONUCLIDES - GAMMA							
Radium 226	23.6	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	48.3	pCi/L		1.0		E900.0	07/15/07 04:50 / res
Gross Alpha precision (±)	2.0	pCi/L				E900.0	07/15/07 04:50 / res
Radium 226	2.0	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	148	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.3	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	21	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.1	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-072
Client Sample ID P7-TP3-023

Report Date: 08/21/07
Collection Date: 06/19/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	175	mg/kg-dry	D	0.03		SW6020	07/12/07 00:20 / bws
RADIONUCLIDES - GAMMA							
Radium 226	35.6	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.4	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	186	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	28	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.2	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-073
Client Sample ID P7-TP3-024

Report Date: 08/21/07
Collection Date: 06/19/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.12	mmhos/cm		0.01		ASAM10-3	07/10/07 09:48 / jb
Saturation Percentage	45.9	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	5.2	s.u.		0.01		ASAM10-3.2	07/10/07 09:48 / jb
Nitrogen, Nitrate+Nitrite as N	2.0	mg/kg-dry		1.0		E353.2	07/13/07 15:03 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	3.9	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	278	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	3.3	meq/L		0.02		SW6010B	07/17/07 10:37 / ts
Magnesium, sat. paste	3.7	meq/L		0.04		SW6010B	07/17/07 10:37 / ts
Sodium, sat. paste	3.5	meq/L		0.02		SW6010B	07/17/07 10:37 / ts
Sodium Adsorption Ratio (SAR)	1.85	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	4.6	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	3.3	mg/kg-dry		0.05		SW6020	07/07/07 05:25 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:01 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.104	mg/kg-dry		0.005		A3114 B	07/17/07 09:45 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 15:04 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:32 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 20:32 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 20:32 / sml
Zinc	0.30	mg/kg-dry		0.01		SW6020	07/23/07 17:42 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 19:32 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	77	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	7.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	16	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	1.7	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-073
Client Sample ID P7-TP3-024

Report Date: 08/21/07
Collection Date: 06/19/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.09	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-074
Client Sample ID P7-TP3-026

Report Date: 08/21/07
Collection Date: 06/19/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	11.9	mg/L		0.2		E200.7	07/25/07 16:04 / ts
Magnesium	3.12	mg/L	D	0.04		E200.7	07/25/07 16:04 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:04 / ts
Sodium	14	mg/L		5		E200.7	07/25/07 16:04 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/09/07 17:08 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 17:08 / bws
Barium	0.01	mg/L		0.01		E200.8	07/09/07 17:08 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:08 / bws
Manganese	0.09	mg/L		0.01		E200.8	07/09/07 17:08 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 17:08 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:08 / bws
Uranium	0.0101	mg/L		0.0001		E200.8	07/09/07 17:08 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 17:08 / bws
METALS - TOTAL							
Uranium	332	mg/kg-dry	D	0.03		SW6020	07/12/07 00:24 / bws
RADIONUCLIDES - GAMMA							
Radium 226	65.5	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	2.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	48.2	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	2.1	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	17.0	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	1.2	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	555	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.5	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	65	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	2.2	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-075
Client Sample ID P7-TP4-048

Report Date: 08/21/07
Collection Date: 06/20/07 09:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	385	mg/kg-dry	D	0.03		SW6020	07/12/07 00:44 / bws
RADIONUCLIDES - GAMMA							
Radium 226	119	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	706	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	5.0	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	107	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	3.0	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-076
Client Sample ID P7-TP4-049

Report Date: 08/21/07
Collection Date: 06/20/07 09:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.70	mmhos/cm		0.01		ASAM10-3	07/10/07 09:50 / jb
Saturation Percentage	55.4	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.0	s.u.		0.01		ASAM10-3.2	07/10/07 09:50 / jb
Nitrogen, Nitrate+Nitrite as N	ND	mg/kg-dry		1.0		E353.2	07/13/07 15:08 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	7.3	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	526	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	11	meq/L		0.02		SW6010B	07/17/07 10:40 / ts
Magnesium, sat. paste	2.8	meq/L		0.04		SW6010B	07/17/07 10:40 / ts
Sodium, sat. paste	3.9	meq/L		0.02		SW6010B	07/17/07 10:40 / ts
Sodium Adsorption Ratio (SAR)	1.45	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	6.1	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	1.6	mg/kg-dry	D	0.06		SW6020	07/07/07 05:33 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:03 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.019	mg/kg-dry		0.005		A3114 B	07/17/07 09:47 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 15:06 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/17/07 20:37 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 20:37 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 20:37 / sml
Zinc	0.24	mg/kg-dry		0.01		SW6020	07/23/07 17:47 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	6	mg/kg-dry		5		SW6010B	07/17/07 19:36 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	81	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	8.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	11	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	2.1	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-076
Client Sample ID P7-TP4-049

Report Date: 08/21/07
Collection Date: 06/20/07 09:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.10	%		0.02		ASA29-3	07/17/07 09:39 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-077
Client Sample ID: P7-TP4-050

Report Date: 08/21/07
Collection Date: 06/20/07 09:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	ND	mg/L		0.2		E200.7	07/25/07 16:08 / ts
Magnesium	0.08	mg/L	D	0.04		E200.7	07/25/07 16:08 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:08 / ts
Sodium	27	mg/L		5		E200.7	07/25/07 16:08 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.5	mg/L		0.1		E200.8	07/09/07 17:15 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/09/07 17:15 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 17:15 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:15 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 17:15 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 17:15 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:15 / bws
Uranium	0.0346	mg/L		0.0001		E200.8	07/09/07 17:15 / bws
Vanadium	0.013	mg/L		0.005		E200.8	07/09/07 17:15 / bws
METALS - TOTAL							
Uranium	293	mg/kg-dry	D	0.03		SW6020	07/12/07 00:48 / bws
RADIONUCLIDES - GAMMA							
Radium 226	91.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	85.9	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	2.8	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	9.2	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	498	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.2	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	48	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	2.0	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-078
Client Sample ID P7-TP4-303

Report Date: 08/21/07
Collection Date: Not Provided
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	302	mg/kg-dry	D	0.03		SW6020	07/12/07 00:52 / bws
RADIONUCLIDES - GAMMA							
Radium 226	98.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.6	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	441	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.0	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	54	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.9	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-079
Client Sample ID P7-TP5-053

Report Date: 08/21/07
Collection Date: 06/20/07 10:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	182	mg/kg-dry	D	0.03		SW6020	07/12/07 00:57 / bws
RADIONUCLIDES - GAMMA							
Radium 226	39.8	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.6	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	196	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	34	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.8	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.

QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-080
Client Sample ID P7-TP5-054

Report Date: 08/21/07
Collection Date: 06/20/07 10:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.80	mmhos/cm		0.01		ASAM10-3	07/10/07 09:52 / jb
Saturation Percentage	71.5	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	8.8	s.u.		0.01		ASAM10-3.2	07/10/07 09:52 / jb
Nitrogen, Nitrate+Nitrite as N	4.9	mg/kg-dry		1.0		E353.2	07/13/07 15:11 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	4.7	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	183	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	0.21	meq/L		0.02		SW6010B	07/17/07 10:43 / ts
Magnesium, sat. paste	0.11	meq/L		0.04		SW6010B	07/17/07 10:43 / ts
Sodium, sat. paste	7.6	meq/L		0.02		SW6010B	07/17/07 10:43 / ts
Sodium Adsorption Ratio (SAR)	19.1	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	5.9	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	4.9	mg/kg-dry	D	0.06		SW6020	07/07/07 06:10 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:24 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.040	mg/kg-dry		0.005		A3114 B	07/17/07 09:49 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/17/07 15:08 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:42 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 20:42 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 20:42 / sml
Zinc	0.89	mg/kg-dry		0.01		SW6020	07/23/07 17:52 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 19:39 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	78	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	8.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	14	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	1.6	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-080
Client Sample ID P7-TP5-054

Report Date: 08/21/07
Collection Date: 06/20/07 10:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.12	%		0.02		ASA29-3	07/17/07 09:40 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-081
Client Sample ID P7-TP5-055

Report Date: 08/21/07
Collection Date: 06/20/07 10:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	0.8	mg/L		0.2		E200.7	07/25/07 16:11 / ts
Magnesium	0.30	mg/L	D	0.04		E200.7	07/25/07 16:11 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:11 / ts
Sodium	27	mg/L		5		E200.7	07/25/07 16:11 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.7	mg/L		0.1		E200.8	07/09/07 17:22 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/09/07 17:22 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 17:22 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:22 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 17:22 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 17:22 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:22 / bws
Uranium	0.204	mg/L		0.0001		E200.8	07/09/07 17:22 / bws
Vanadium	0.014	mg/L		0.005		E200.8	07/09/07 17:22 / bws
METALS - TOTAL							
Uranium	154	mg/kg-dry	D	0.03		SW6020	07/12/07 01:01 / bws
RADIONUCLIDES - GAMMA							
Radium 226	47.4	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	199	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	4.0	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	4.4	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	261	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	3.1	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	21	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.4	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-082
Client Sample ID P7-TP1-001

Report Date: 08/21/07
Collection Date: 06/18/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	20.9	mg/kg-dry	D	0.03		SW6020	07/12/07 01:05 / bws
RADIONUCLIDES - GAMMA							
Radium 226	10	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.6	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	58.6	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	5.3	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	0.6	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-083
Client Sample ID P7-TP1-002

Report Date: 08/21/07
Collection Date: 06/18/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.31	mmhos/cm		0.01		ASAM10-3	07/10/07 09:53 / jb
Saturation Percentage	72.3	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.0	s.u.		0.01		ASAM10-3.2	07/10/07 09:53 / jb
Nitrogen, Nitrate+Nitrite as N	1.7	mg/kg-dry		1.0		E353.2	07/13/07 16:03 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	4.7	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	104	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	0.94	meq/L		0.02		SW6010B	07/17/07 10:47 / ts
Magnesium, sat. paste	0.52	meq/L		0.04		SW6010B	07/17/07 10:47 / ts
Sodium, sat. paste	0.30	meq/L		0.02		SW6010B	07/17/07 10:47 / ts
Sodium Adsorption Ratio (SAR)	0.36	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	6.8	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	5.6	mg/kg-dry		0.05		SW6020	07/07/07 06:18 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:26 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.111	mg/kg-dry		0.005		A3114 B	07/17/07 09:51 / kes
Selenium	0.006	mg/kg-dry		0.005		A3114 B	07/17/07 15:11 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/17/07 20:47 / sml
Copper	1.5	mg/kg-dry	D	0.6		SW6020	07/17/07 20:47 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 20:47 / sml
Zinc	1.27	mg/kg-dry		0.01		SW6020	07/23/07 17:57 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	9	mg/kg-dry		5		SW6010B	07/17/07 19:42 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	73	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	12	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	15	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	3.4	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-083
Client Sample ID P7-TP1-002

Report Date: 08/21/07
Collection Date: 06/18/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.22	%		0.02		ASA29-3	07/17/07 09:40 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-084
Client Sample ID P7-TP1-005

Report Date: 08/21/07
Collection Date: 06/18/07 15:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	9.8	mg/L		0.2		E200.7	07/25/07 16:21 / ts
Magnesium	3.08	mg/L	D	0.04		E200.7	07/25/07 16:21 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:21 / ts
Sodium	10	mg/L		5		E200.7	07/25/07 16:21 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/09/07 17:28 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 17:28 / bws
Barium	0.02	mg/L		0.01		E200.8	07/09/07 17:28 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:28 / bws
Manganese	0.14	mg/L		0.01		E200.8	07/09/07 17:28 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 17:28 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:28 / bws
Uranium	0.0262	mg/L		0.0001		E200.8	07/09/07 17:28 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 17:28 / bws
METALS - TOTAL							
Uranium	136	mg/kg-dry	D	0.03		SW6020	07/13/07 02:20 / bws
RADIONUCLIDES - GAMMA							
Radium 226	44.2	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	90.6	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	2.8	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	35.3	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	1.8	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	218	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.8	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	29	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	1.6	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-085
Client Sample ID P6-TP3-037

Report Date: 08/21/07
Collection Date: 06/19/07 15:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	201	mg/kg-dry	D	0.03		SW6020	07/13/07 02:24 / bws
RADIONUCLIDES - GAMMA							
Radium 226	65.8	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	2.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	365	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	3.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	47	pCi/g-dry		0.2		E907.0	07/23/07 15:00 / dmf
Thorium 230 precision (±)	2.2	pCi/g-dry				E907.0	07/23/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-086
Client Sample ID P6-TP3-038

Report Date: 08/21/07
Collection Date: 06/19/07 15:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	2.77	mmhos/cm		0.01		ASAM10-3	07/10/07 09:58 / jb
Saturation Percentage	54.7	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.0	s.u.		0.01		ASAM10-3.2	07/10/07 09:58 / jb
Nitrogen, Nitrate+Nitrite as N	1.6	mg/kg-dry		1.0		E353.2	07/13/07 16:05 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	24.1	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	1000	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	21	meq/L		0.02		SW6010B	07/17/07 11:03 / ts
Magnesium, sat. paste	15	meq/L		0.04		SW6010B	07/17/07 11:03 / ts
Sodium, sat. paste	0.87	meq/L		0.02		SW6010B	07/17/07 10:59 / ts
Sodium Adsorption Ratio (SAR)	0.21	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	7.9	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	3.7	mg/kg-dry	D	0.06		SW6020	07/13/07 12:08 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:28 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.084	mg/kg-dry		0.005		A3114 B	07/17/07 09:53 / kes
Selenium	0.006	mg/kg-dry		0.005		A3114 B	07/17/07 15:13 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:51 / sml
Copper	ND	mg/kg-dry	D	0.5		SW6020	07/17/07 20:51 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 20:51 / sml
Zinc	1.02	mg/kg-dry		0.01		SW6020	07/23/07 18:02 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	10	mg/kg-dry		5		SW6010B	07/17/07 19:46 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	78	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	9.0	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	13	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	3.3	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-086
Client Sample ID P6-TP3-038

Report Date: 08/21/07
Collection Date: 06/19/07 15:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.09	%		0.02		ASA29-3	07/17/07 09:40 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-087
Client Sample ID P6-TP3-039

Report Date: 08/21/07
Collection Date: 06/19/07 15:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	7.7	mg/L		0.2		E200.7	07/25/07 16:24 / ts
Magnesium	5.16	mg/L	D	0.04		E200.7	07/25/07 16:24 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:24 / ts
Sodium	6	mg/L		5		E200.7	07/25/07 16:24 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/09/07 17:35 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 17:35 / bws
Barium	0.03	mg/L		0.01		E200.8	07/09/07 17:35 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 17:35 / bws
Manganese	0.03	mg/L		0.01		E200.8	07/09/07 17:35 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 17:35 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 17:35 / bws
Uranium	0.204	mg/L		0.0001		E200.8	07/09/07 17:35 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 17:35 / bws
METALS - TOTAL							
Uranium	214	mg/kg-dry	D	0.03		SW6020	07/13/07 02:28 / bws
RADIONUCLIDES - GAMMA							
Radium 226	123	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	4.0	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	234	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	4.5	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	42.2	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	1.9	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	888	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	5.6	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	125	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	5.0	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-088
Client Sample ID P6-TP3-302

Report Date: 08/21/07
Collection Date: 06/19/07 15:40
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	172	mg/kg-dry	D	0.03		SW6020	07/13/07 02:32 / bws
RADIONUCLIDES - GAMMA							
Radium 226	112	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	608	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.7	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	136	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	6.5	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-089
Client Sample ID P6-TP2-032

Report Date: 08/21/07
Collection Date: 06/19/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	343	mg/kg-dry	D	0.03		SW6020	07/13/07 02:36 / bws
RADIONUCLIDES - GAMMA							
Radium 226	79.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	2.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	491	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.2	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	74	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	4.1	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix Interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-090
Client Sample ID P6-TP2-033

Report Date: 08/21/07
Collection Date: 06/19/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.57	mmhos/cm		0.01		ASAM10-3	07/10/07 10:01 / jb
Saturation Percentage	51.7	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	5.3	s.u.		0.01		ASAM10-3.2	07/10/07 10:01 / jb
Nitrogen, Nitrate+Nitrite as N	1.7	mg/kg-dry		1.0		E353.2	07/13/07 16:08 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	5.0	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	141	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	1.1	meq/L		0.02		SW6010B	07/17/07 11:13 / ts
Magnesium, sat. paste	1.4	meq/L		0.04		SW6010B	07/17/07 11:13 / ts
Sodium, sat. paste	3.0	meq/L		0.02		SW6010B	07/17/07 11:13 / ts
Sodium Adsorption Ratio (SAR)	2.75	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	6.5	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	5.0	mg/kg-dry	D	0.07		SW6020	07/13/07 12:13 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:31 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.328	mg/kg-dry		0.005		A3114 B	07/17/07 09:55 / kes
Selenium	0.016	mg/kg-dry		0.005		A3114 B	07/17/07 15:15 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 20:56 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 20:56 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 20:56 / sml
Zinc	0.59	mg/kg-dry		0.01		SW6020	07/23/07 18:27 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	13	mg/kg-dry		5		SW6010B	07/17/07 19:49 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	74	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Silt	12	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Clay	14	%		1.0		ASA15-5	07/18/07 08:49 / mkf
Texture	SL			1.0		ASA15-5	07/18/07 08:49 / mkf
Coarse Fragments	4.6	%		1.0		ASA15-5	07/18/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-090
Client Sample ID P6-TP2-033

Report Date: 08/21/07
Collection Date: 06/19/07 14:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.09	%		0.02		ASA29-3	07/17/07 09:40 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-091
Client Sample ID P6-TP2-035

Report Date: 08/21/07
Collection Date: 06/19/07 14:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	4.4	mg/L		0.2		E200.7	07/25/07 16:58 / ts
Magnesium	2.72	mg/L	D	0.04		E200.7	07/25/07 16:58 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 16:58 / ts
Sodium	13	mg/L		5		E200.7	07/25/07 16:58 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.4	mg/L		0.1		E200.8	07/09/07 12:39 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 12:39 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 12:39 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 12:39 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 12:39 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 12:39 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 12:39 / bws
Uranium	0.0189	mg/L		0.0001		E200.8	07/09/07 12:39 / bws
Vanadium	0.007	mg/L		0.005		E200.8	07/09/07 12:39 / bws
METALS - TOTAL							
Uranium	421	mg/kg-dry	D	0.03		SW6020	07/13/07 02:40 / bws
RADIONUCLIDES - GAMMA							
Radium 226	106	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	9.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	34.3	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	1.8	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	4.0	pCi/L		1.0		E903.0	07/24/07 13:10 / trs
Radium 226 precision (±)	0.6	pCi/L				E903.0	07/24/07 13:10 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 07:46 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	695	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	5.0	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	99	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	5.0	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-092
Client Sample ID P6-TP1-028

Report Date: 08/21/07
Collection Date: 06/19/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	75.5	mg/kg-dry	D	0.03		SW6020	07/13/07 02:45 / bws
RADIONUCLIDES - GAMMA							
Radium 226	41.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	262	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	3.1	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	26	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-093
Client Sample ID P6-TP1-030

Report Date: 08/21/07
Collection Date: 06/19/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	0.5	mg/L		0.2		E200.7	07/25/07 17:01 / ts
Magnesium	0.21	mg/L	D	0.04		E200.7	07/25/07 17:01 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:01 / ts
Sodium	7	mg/L		5		E200.7	07/25/07 17:01 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.3	mg/L		0.1		E200.8	07/09/07 13:13 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 13:13 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 13:13 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 13:13 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 13:13 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 13:13 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 13:13 / bws
Uranium	0.0235	mg/L		0.0001		E200.8	07/09/07 13:13 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 13:13 / bws
METALS - TOTAL							
Uranium	76.3	mg/kg-dry	D	0.03		SW6020	07/13/07 03:05 / bws
RADIONUCLIDES - GAMMA							
Radium 226	28.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	18.3	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	1.4	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	2.7	pCi/L		1.0		E903.0	07/24/07 16:15 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	07/24/07 16:15 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/17/07 06:12 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	169	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.5	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	19	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	1.9	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-094
Client Sample ID P6-TP1-301

Report Date: 08/21/07
Collection Date: 06/19/07 14:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	80.9	mg/kg-dry	D	0.03		SW6020	07/13/07 03:09 / bws
RADIONUCLIDES - GAMMA							
Radium 226	32.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	2.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	161	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	23	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	2.0	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-095
Client Sample ID P6-TP4-043

Report Date: 08/21/07
Collection Date: 06/19/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	1660	mg/kg-dry	D	0.03		SW6020	07/13/07 03:13 / bws
RADIONUCLIDES - GAMMA							
Radium 226	590	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	51.1	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	2490	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	9.5	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	602	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	12	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-096
Client Sample ID P6-TP4-044

Report Date: 08/21/07
Collection Date: 06/19/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	2.67	mmhos/cm		0.01		ASAM10-3	07/10/07 10:00 / jb
Saturation Percentage	55.6	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.6	s.u.		0.01		ASAM10-3.2	07/10/07 10:00 / jb
Nitrogen, Nitrate+Nitrite as N	1.9	mg/kg-dry		1.0		E353.2	07/13/07 16:10 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	4.2	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	989	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	27	meq/L		0.02		SW6010B	07/17/07 11:20 / ts
Magnesium, sat. paste	4.0	meq/L		0.04		SW6010B	07/17/07 11:16 / ts
Sodium, sat. paste	0.16	meq/L		0.02		SW6010B	07/17/07 11:16 / ts
Sodium Adsorption Ratio (SAR)	0.04	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	5.3	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	4.6	mg/kg-dry	D	0.06		SW6020	07/13/07 12:18 / sml
Mercury	0.06	mg/kg-dry		0.05		SW7471A	07/13/07 11:33 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.817	mg/kg-dry	D	0.006		A3114 B	07/19/07 09:03 / kes
Selenium	0.167	mg/kg-dry		0.005		A3114 B	07/19/07 14:21 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 21:45 / sml
Copper	1.7	mg/kg-dry	D	0.5		SW6020	07/17/07 21:45 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 21:45 / sml
Zinc	0.56	mg/kg-dry		0.01		SW6020	07/21/07 19:30 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	12	mg/kg-dry		5		SW6010B	07/17/07 21:14 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	73	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	11	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	16	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	SL			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	1.9	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-096
Client Sample ID P6-TP4-044

Report Date: 08/21/07
Collection Date: 06/19/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.54	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-097
Client Sample ID P6-TP4-047

Report Date: 08/21/07
Collection Date: 06/19/07 16:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	24.1	mg/L		0.2		E200.7	07/25/07 17:05 / ts
Magnesium	6.78	mg/L	D	0.04		E200.7	07/25/07 17:05 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:05 / ts
Sodium	ND	mg/L		5		E200.7	07/25/07 17:05 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.3	mg/L		0.1		E200.8	07/09/07 13:46 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 13:46 / bws
Barium	0.02	mg/L		0.01		E200.8	07/09/07 13:46 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 13:46 / bws
Manganese	0.08	mg/L		0.01		E200.8	07/09/07 13:46 / bws
Molybdenum	0.001	mg/L		0.001		E200.8	07/09/07 13:46 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 13:46 / bws
Uranium	0.719	mg/L		0.0001		E200.8	07/09/07 13:46 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 13:46 / bws
METALS - TOTAL							
Uranium	1420	mg/kg-dry	D	0.03		SW6020	07/13/07 03:17 / bws
RADIONUCLIDES - GAMMA							
Radium 226	383	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	33.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	2060	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	12.7	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	385	pCi/L		1.0		E903.0	07/17/07 13:45 / trs
Radium 226 precision (±)	7.1	pCi/L				E903.0	07/17/07 13:45 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/12/07 13:22 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	1640	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	7.7	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	574	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	14	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-098
Client Sample ID P6-TP5-057

Report Date: 08/21/07
Collection Date: 06/20/07 10:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	46.1	mg/kg-dry	D	0.03		SW6020	07/13/07 03:22 / bws
RADIONUCLIDES - GAMMA							
Radium 226	44.5	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	165	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	25	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-099
Client Sample ID P6-TP5-058

Report Date: 08/21/07
Collection Date: 06/20/07 10:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.19	mmhos/cm		0.01		ASAM10-3	07/10/07 10:04 / jb
Saturation Percentage	45.6	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.7	s.u.		0.01		ASAM10-3.2	07/10/07 10:04 / jb
Nitrogen, Nitrate+Nitrite as N	1.6	mg/kg-dry		1.0		E353.2	07/13/07 16:13 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	2.6	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	34.5	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	0.78	meq/L		0.02		SW6010B	07/17/07 11:23 / ts
Magnesium, sat. paste	0.27	meq/L		0.04		SW6010B	07/17/07 11:23 / ts
Sodium, sat. paste	0.07	meq/L		0.02		SW6010B	07/17/07 11:23 / ts
Sodium Adsorption Ratio (SAR)	0.10	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	5.3	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	2.2	mg/kg-dry	D	0.06		SW6020	07/13/07 15:00 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:35 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.346	mg/kg-dry		0.005		A3114 B	07/19/07 09:09 / kes
Selenium	0.031	mg/kg-dry		0.005		A3114 B	07/19/07 14:23 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 21:50 / sml
Copper	1.1	mg/kg-dry	D	0.6		SW6020	07/17/07 21:50 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 21:50 / sml
Zinc	0.32	mg/kg-dry		0.01		SW6020	07/21/07 19:35 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 21:18 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	86	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	4.0	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	10	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	LS			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	1.3	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-099
Client Sample ID: P6-TP5-058

Report Date: 08/21/07
Collection Date: 06/20/07 10:50
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.42	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-100
Client Sample ID P6-TP6-060

Report Date: 08/21/07
Collection Date: 06/20/07 11:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	202	mg/kg-dry	D	0.03		SW6020	07/13/07 03:26 / bws
RADIONUCLIDES - GAMMA							
Radium 226	93.8	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	8.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	501	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.3	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	87	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	4.0	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-101
Client Sample ID P6-TP6-061

Report Date: 08/21/07
Collection Date: 06/20/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.87	mmhos/cm		0.01		ASAM10-3	07/10/07 10:09 / jb
Saturation Percentage	47.0	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	4.3	s.u.		0.01		ASAM10-3.2	07/10/07 10:09 / jb
Nitrogen, Nitrate+Nitrite as N	1.4	mg/kg-dry		1.0		E353.2	07/13/07 16:18 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	6.3	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	1320	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	23	meq/L		0.02		SW6010B	07/17/07 11:30 / ts
Magnesium, sat. paste	25	meq/L		0.04		SW6010B	07/17/07 11:30 / ts
Sodium, sat. paste	0.32	meq/L		0.02		SW6010B	07/17/07 11:27 / ts
Sodium Adsorption Ratio (SAR)	0.07	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	3.4	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	4.7	mg/kg-dry		0.05		SW6020	07/13/07 15:05 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:37 / kes
Uranium	174	mg/kg-dry	D	0.03		SW6020	07/13/07 03:30 / bws
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.378	mg/kg-dry		0.005		A3114 B	07/19/07 09:07 / kes
Selenium	0.049	mg/kg-dry		0.005		A3114 B	07/19/07 14:25 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/21/07 19:59 / bws
Copper	2.7	mg/kg-dry	D	0.5		SW6020	07/17/07 21:55 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 21:55 / sml
Zinc	1.07	mg/kg-dry		0.01		SW6020	07/21/07 19:59 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	7	mg/kg-dry		5		SW6010B	07/17/07 21:21 / cp
RADIONUCLIDES - GAMMA							
Radium 226	115	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	10.1	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	683	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	5.0	pCi/g-dry				E900.0	07/11/07 10:00 / res

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-101
Client Sample ID P6-TP6-061

Report Date: 08/21/07
Collection Date: 06/20/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Thorium 230	104	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	4.5	pCi/g-dry				E907.0	08/03/07 15:00 / dmf
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	75	%		1.0		ASA15-5	07/19/07 16:12 / jlb
Silt	8.0	%		1.0		ASA15-5	07/19/07 16:12 / jlb
Clay	17	%		1.0		ASA15-5	07/19/07 16:12 / jlb
Texture	SL			1.0		ASA15-5	07/19/07 16:12 / jlb
Coarse Fragments	3.3	%		1.0		ASA15-5	07/19/07 16:12 / jlb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.49	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-102
Client Sample ID P6-TP6-304

Report Date: 08/21/07
Collection Date: 06/20/07 11:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	233	mg/kg-dry	D	0.03		SW6020	07/13/07 05:05 / bws
RADIONUCLIDES - GAMMA							
Radium 226	89.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	386	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	3.7	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	63	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	3.8	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-103
Client Sample ID OS2-TP5-092

Report Date: 08/21/07
Collection Date: 06/21/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	573	mg/kg-dry	D	0.03		SW6020	07/13/07 05:09 / bws
RADIONUCLIDES - GAMMA							
Radium 226	181	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	15.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	653	pCi/g-dry		2.0		E900.0	07/11/07 10:00 / res
Gross Alpha precision (±)	4.8	pCi/g-dry				E900.0	07/11/07 10:00 / res
Thorium 230	123	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	4.9	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-104
Client Sample ID OS2-TP5-093

Report Date: 08/21/07
Collection Date: 06/21/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.92	mmhos/cm		0.01		ASAM10-3	07/10/07 10:10 / jb
Saturation Percentage	77.7	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	6.2	s.u.		0.01		ASAM10-3.2	07/10/07 10:10 / jb
Nitrogen, Nitrate+Nitrite as N	1.6	mg/kg-dry		1.0		E353.2	07/13/07 16:20 / jal
Chloride, soluble	7.0	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	8.5	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	2590	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	28	meq/L		0.02		SW6010B	07/17/07 11:46 / ts
Magnesium, sat. paste	45	meq/L		0.04		SW6010B	07/17/07 11:46 / ts
Sodium, sat. paste	6.6	meq/L		0.02		SW6010B	07/17/07 18:24 / ts
Sodium Adsorption Ratio (SAR)	1.10	unitless		0.01		Calculation	07/18/07 12:09 / sec
PHYSICAL PROPERTIES							
Moisture	7.2	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	7.8	mg/kg-dry	D	0.07		SW6020	07/13/07 15:39 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:40 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.134	mg/kg-dry		0.005		A3114 B	07/19/07 09:11 / kes
Selenium	0.037	mg/kg-dry		0.005		A3114 B	07/19/07 14:27 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/21/07 20:04 / bws
Copper	1.3	mg/kg-dry	D	0.6		SW6020	07/17/07 22:00 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 22:00 / sml
Zinc	2.83	mg/kg-dry		0.01		SW6020	07/21/07 20:04 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	9	mg/kg-dry		5		SW6010B	07/17/07 21:24 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	49	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	29	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	22	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	L			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	ND	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-104
Client Sample ID OS2-TP5-093

Report Date: 08/21/07
Collection Date: 06/21/07 11:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.59	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-105
Client Sample ID OS2-TP5-094

Report Date: 08/21/07
Collection Date: 06/21/07 11:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	62.1	mg/L		0.2		E200.7	07/25/07 17:08 / ts
Magnesium	42.4	mg/L	D	0.04		E200.7	07/25/07 17:08 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:08 / ts
Sodium	6	mg/L		5		E200.7	07/25/07 17:08 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	14.4	mg/L		0.1		E200.8	07/09/07 13:53 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 13:53 / bws
Barium	0.02	mg/L		0.01		E200.8	07/09/07 13:53 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 13:53 / bws
Manganese	1.22	mg/L		0.01		E200.8	07/09/07 13:53 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 13:53 / bws
Selenium	0.001	mg/L		0.001		E200.8	07/09/07 13:53 / bws
Uranium	0.156	mg/L		0.0001		E200.8	07/09/07 13:53 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/09/07 13:53 / bws
METALS - TOTAL							
Uranium	19.0	mg/kg-dry	D	0.03		SW6020	07/13/07 05:13 / bws
RADIONUCLIDES - GAMMA							
Radium 226	8.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	95.7	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	2.1	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	6.0	pCi/L		1.0		E903.0	07/17/07 13:45 / trs
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/17/07 13:45 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/12/07 13:22 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	37.7	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	1.2	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	8.1	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	1.5	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-106
Client Sample ID OS2-TP5-096

Report Date: 08/21/07
Collection Date: 06/21/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	7.48	mg/kg-dry	D	0.03		SW6020	07/13/07 05:18 / bws
RADIONUCLIDES - GAMMA							
Radium 226	2.4	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	16.4	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	0.9	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	1.3	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	0.2	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-107
Client Sample ID OS2-TP5-098

Report Date: 08/21/07
Collection Date: 06/21/07 11:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	105	mg/kg-dry	D	0.03		SW6020	07/13/07 05:22 / bws
RADIONUCLIDES - GAMMA							
Radium 226	43.9	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	151	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	28	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	1	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-108
Client Sample ID PO2-TP2-105

Report Date: 08/21/07
Collection Date: 06/21/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	721	mg/kg-dry	D	0.03		SW6020	07/13/07 05:26 / bws
RADIONUCLIDES - GAMMA							
Radium 226	242	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	21.1	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	733	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	5.3	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	144	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	3.2	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-109
Client Sample ID PO2-TP2-110

Report Date: 08/21/07
Collection Date: 06/21/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.88	mmhos/cm		0.01		ASAM10-3	07/10/07 10:13 / jb
Saturation Percentage	62.1	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	8.5	s.u.		0.01		ASAM10-3.2	07/10/07 10:13 / jb
Nitrogen, Nitrate+Nitrite as N	3.5	mg/kg-dry		1.0		E353.2	07/13/07 16:23 / jal
Chloride, soluble	5.2	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	3.4	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	158	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	1.4	meq/L		0.02		SW6010B	07/17/07 11:49 / ts
Magnesium, sat. paste	0.34	meq/L		0.04		SW6010B	07/17/07 11:49 / ts
Sodium, sat. paste	7.5	meq/L		0.02		SW6010B	07/17/07 11:49 / ts
Sodium Adsorption Ratio (SAR)	8.12	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	11.7	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	14.6	mg/kg-dry		0.05		SW6020	07/17/07 13:30 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:42 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.140	mg/kg-dry		0.005		A3114 B	07/19/07 09:13 / kes
Selenium	0.014	mg/kg-dry		0.005		A3114 B	07/19/07 14:29 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 22:05 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 22:05 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/17/07 22:05 / sml
Zinc	0.98	mg/kg-dry		0.01		SW6020	07/21/07 20:09 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	7	mg/kg-dry		5		SW6010B	07/17/07 21:27 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	21	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	23	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	56	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	C			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	ND	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-109
Client Sample ID PO2-TP2-110

Report Date: 08/21/07
Collection Date: 06/21/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.58	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-110
Client Sample ID PO2-TP2-106

Report Date: 08/21/07
Collection Date: 06/21/07 13:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	4.3	mg/L		0.2		E200.7	07/25/07 17:18 / ts
Magnesium	0.65	mg/L	D	0.04		E200.7	07/25/07 17:18 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:18 / ts
Sodium	33	mg/L		5		E200.7	07/25/07 17:18 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	2.6	mg/L		0.1		E200.8	07/09/07 14:00 / bws
Arsenic	0.003	mg/L		0.001		E200.8	07/09/07 14:00 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 14:00 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 14:00 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 14:00 / bws
Molybdenum	0.026	mg/L		0.001		E200.8	07/09/07 14:00 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 14:00 / bws
Uranium	0.473	mg/L		0.0001		E200.8	07/09/07 14:00 / bws
Vanadium	0.018	mg/L		0.005		E200.8	07/09/07 14:00 / bws
METALS - TOTAL							
Uranium	269	mg/kg-dry	D	0.03		SW6020	07/13/07 05:46 / bws
RADIONUCLIDES - GAMMA							
Radium 226	42.3	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.8	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	224	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	4.1	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	5.2	pCi/L		1.0		E903.0	07/17/07 13:45 / trs
Radium 226 precision (±)	0.9	pCi/L				E903.0	07/17/07 13:45 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/12/07 13:22 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	133	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.3	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	31	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	1.6	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-111
Client Sample ID PO2-TP2-108

Report Date: 08/21/07
Collection Date: 06/21/07 13:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	7.50	mg/kg-dry	D	0.03		SW6020	07/13/07 05:51 / bws
RADIONUCLIDES - GAMMA							
Radium 226	ND	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	10.1	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	0.7	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	0.3	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-112
Client Sample ID PO2-TP2-309

Report Date: 08/21/07
Collection Date: 06/21/07 13:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	448	mg/kg-dry	D	0.03		SW6020	07/13/07 05:55 / bws
RADIONUCLIDES - GAMMA							
Radium 226	49.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	4.5	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	419	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	4.0	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	63	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	3.9	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-113
Client Sample ID PO1-TP1-099

Report Date: 08/21/07
Collection Date: 06/21/07 12:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	578	mg/kg-dry	D	0.03		SW6020	07/13/07 05:59 / bws
RADIONUCLIDES - GAMMA							
Radium 226	611	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	45.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	1200	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	6.7	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	200	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	3.8	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-114
Client Sample ID PO1-TP1-100

Report Date: 08/21/07
Collection Date: 06/21/07 12:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.54	mmhos/cm		0.01		ASAM10-3	07/10/07 10:14 / jb
Saturation Percentage	122	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	8.2	s.u.		0.01		ASAM10-3.2	07/10/07 10:14 / jb
Nitrogen, Nitrate+Nitrite as N	4.1	mg/kg-dry		1.0		E353.2	07/13/07 16:25 / jal
Chloride, soluble	7.1	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	12.7	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	227	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	2.8	meq/L		0.02		SW6010B	07/17/07 11:53 / ts
Magnesium, sat. paste	0.94	meq/L		0.04		SW6010B	07/17/07 11:53 / ts
Sodium, sat. paste	2.0	meq/L		0.02		SW6010B	07/17/07 11:53 / ts
Sodium Adsorption Ratio (SAR)	1.45	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	15.0	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	11.4	mg/kg-dry	D	0.06		SW6020	07/17/07 13:35 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/13/07 11:44 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.323	mg/kg-dry		0.005		A3114 B	07/19/07 09:16 / kes
Selenium	0.036	mg/kg-dry		0.005		A3114 B	07/19/07 14:32 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 22:29 / sml
Copper	1.6	mg/kg-dry	D	0.5		SW6020	07/17/07 22:29 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 22:29 / sml
Zinc	3.08	mg/kg-dry		0.01		SW6020	07/21/07 20:14 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	5	mg/kg-dry		5		SW6010B	07/17/07 21:31 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	27	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	44	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	29	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	CL			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	ND	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-114
Client Sample ID PO1-TP1-100

Report Date: 08/21/07
Collection Date: 06/21/07 12:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.90	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-115
Client Sample ID PO1-TP1-308

Report Date: 08/21/07
Collection Date: 06/21/07 12:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	525	mg/kg-dry	D	0.03		SW6020	07/13/07 06:03 / bws
RADIONUCLIDES - GAMMA							
Radium 226	520	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	38.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	1080	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	6.3	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	199	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	4.5	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-116
Client Sample ID PO1-TP1-103

Report Date: 08/21/07
Collection Date: 06/21/07 13:00
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	525	mg/kg-dry	D	0.03		SW6020	07/13/07 06:07 / bws
RADIONUCLIDES - GAMMA							
Radium 226	498	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	37.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	797	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	5.5	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	221	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	5.0	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-117
Client Sample ID SP-TP2-086

Report Date: 08/21/07
Collection Date: 06/21/07 10:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	76.4	mg/kg-dry	D	0.03		SW6020	07/13/07 06:11 / bws
RADIONUCLIDES - GAMMA							
Radium 226	40.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	3.2	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	115	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.1	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	13	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	0.9	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-118
Client Sample ID SP-TP2-087

Report Date: 08/21/07
Collection Date: 06/21/07 10:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.43	mmhos/cm		0.01		ASAM10-3	07/10/07 10:15 / jb
Saturation Percentage	49.5	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	8.3	s.u.		0.01		ASAM10-3.2	07/10/07 10:15 / jb
Nitrogen, Nitrate+Nitrite as N	5.5	mg/kg-dry		1.0		E353.2	07/13/07 16:28 / jal
Chloride, soluble	42.9	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	7.6	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	807	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	9.7	meq/L		0.02		SW6010B	07/17/07 11:56 / ts
Magnesium, sat. paste	5.0	meq/L		0.04		SW6010B	07/17/07 11:56 / ts
Sodium, sat. paste	23	meq/L		0.02		SW6010B	07/17/07 12:00 / ts
Sodium Adsorption Ratio (SAR)	8.32	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	3.7	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	5.2	mg/kg-dry	D	0.06		SW6020	07/13/07 16:28 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/15/07 12:49 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.043	mg/kg-dry		0.005		A3114 B	07/19/07 09:18 / kes
Selenium	0.027	mg/kg-dry		0.005		A3114 B	07/19/07 14:34 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 22:34 / sml
Copper	1.0	mg/kg-dry	D	0.5		SW6020	07/17/07 22:34 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 22:34 / sml
Zinc	0.99	mg/kg-dry		0.01		SW6020	07/21/07 20:19 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 21:34 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	71	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	14	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	15	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	SL			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	ND	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-118
Client Sample ID SP-TP2-087

Report Date: 08/21/07
Collection Date: 06/21/07 10:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.26	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-119
Client Sample ID SP-TP2-088

Report Date: 08/21/07
Collection Date: 06/21/07 10:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	6.5	mg/L		0.2		E200.7	07/25/07 17:22 / ts
Magnesium	1.88	mg/L	D	0.04		E200.7	07/25/07 17:22 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:22 / ts
Sodium	24	mg/L		5		E200.7	07/25/07 17:22 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.7	mg/L		0.1		E200.8	07/09/07 14:07 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/09/07 14:07 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 14:07 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 14:07 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 14:07 / bws
Molybdenum	0.003	mg/L		0.001		E200.8	07/09/07 14:07 / bws
Selenium	0.001	mg/L		0.001		E200.8	07/09/07 14:07 / bws
Uranium	0.0368	mg/L		0.0001		E200.8	07/09/07 14:07 / bws
Vanadium	0.007	mg/L		0.005		E200.8	07/09/07 14:07 / bws
METALS - TOTAL							
Uranium	50.0	mg/kg-dry	D	0.03		SW6020	07/13/07 06:15 / bws
RADIONUCLIDES - GAMMA							
Radium 226	33.9	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	2.7	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	26.7	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	1.6	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	ND	pCi/L		1.0		E903.0	07/17/07 13:45 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/12/07 15:00 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	110	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.1	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	11	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	0.6	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-120
Client Sample ID P5-TP1-010

Report Date: 08/21/07
Collection Date: 06/18/07 16:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	1.8	mg/L		0.2		E200.7	07/25/07 17:25 / ts
Magnesium	0.33	mg/L	D	0.04		E200.7	07/25/07 17:25 / ts
Potassium	ND	mg/L		3		E200.7	07/25/07 17:25 / ts
Sodium	9	mg/L		5		E200.7	07/25/07 17:25 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	2.0	mg/L		0.1		E200.8	07/09/07 14:13 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/09/07 14:13 / bws
Barium	ND	mg/L		0.01		E200.8	07/09/07 14:13 / bws
Lead	ND	mg/L		0.04		E200.8	07/09/07 14:13 / bws
Manganese	ND	mg/L		0.01		E200.8	07/09/07 14:13 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/09/07 14:13 / bws
Selenium	ND	mg/L		0.001		E200.8	07/09/07 14:13 / bws
Uranium	0.0308	mg/L		0.0001		E200.8	07/09/07 14:13 / bws
Vanadium	0.011	mg/L		0.005		E200.8	07/09/07 14:13 / bws
METALS - TOTAL							
Uranium	143	mg/kg-dry	D	0.03		SW6020	07/13/07 06:19 / bws
RADIONUCLIDES - GAMMA							
Radium 226	70.7	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	5.5	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	23.4	pCi/L		1.0		E900.0	07/16/07 01:18 / res
Gross Alpha precision (±)	1.5	pCi/L				E900.0	07/16/07 01:18 / res
Radium 226	2.4	pCi/L		1.0		E903.0	07/17/07 13:45 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	07/17/07 13:45 / trs
Radium 228	ND	pCi/L		1.4		RA-05	07/12/07 15:00 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	225	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.9	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	27	pCi/g-dry		0.2		E907.0	08/03/07 15:00 / dmf
Thorium 230 precision (±)	2.6	pCi/g-dry				E907.0	08/03/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-121
Client Sample ID P5-TP1-011

Report Date: 08/21/07
Collection Date: 06/18/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	182	mg/kg-dry	D	0.03		SW6020	07/13/07 06:40 / bws
RADIONUCLIDES - GAMMA							
Radium 226	55.1	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 226 precision (±)	4.9	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	243	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	3.0	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	45	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	2.1	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-122
Client Sample ID P5-TP1-012

Report Date: 08/21/07
Collection Date: 06/18/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.34	mmhos/cm		0.01		ASAM10-3	07/10/07 10:17 / jb
Saturation Percentage	48.6	%		0.1		USDA27a	07/10/07 09:26 / jb
pH, sat. paste	8.1	s.u.		0.01		ASAM10-3.2	07/10/07 10:17 / jb
Nitrogen, Nitrate+Nitrite as N	1.6	mg/kg-dry		1.0		E353.2	07/13/07 16:35 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/18/07 13:48 / sec
Potassium, soluble	3.6	mg/kg-dry		1.0		SW6010B	07/18/07 13:48 / sec
Sulfate, soluble	38.2	mg/kg-dry		0.10		SW6010B	07/18/07 13:48 / sec
Calcium, sat. paste	0.74	meq/L		0.02		SW6010B	07/17/07 12:03 / ts
Magnesium, sat. paste	0.21	meq/L		0.04		SW6010B	07/17/07 12:03 / ts
Sodium, sat. paste	2.3	meq/L		0.02		SW6010B	07/17/07 12:03 / ts
Sodium Adsorption Ratio (SAR)	3.39	unitless		0.01		Calculation	07/18/07 12:06 / sec
PHYSICAL PROPERTIES							
Moisture	7.5	%		0.1		USDA26	07/03/07 08:13 / dcj
METALS - TOTAL							
Chromium	4.9	mg/kg-dry	D	0.06		SW6020	07/13/07 19:00 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/15/07 12:52 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.054	mg/kg-dry		0.005		A3114 B	07/19/07 09:20 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/19/07 14:36 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.7		SW6020	07/17/07 22:39 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/17/07 22:39 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/17/07 22:39 / sml
Zinc	0.73	mg/kg-dry		0.01		SW6020	07/21/07 20:24 / bws
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/17/07 21:37 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	78	%		1.0		ASA15-5	07/19/07 16:12 / jb
Silt	9.0	%		1.0		ASA15-5	07/19/07 16:12 / jb
Clay	13	%		1.0		ASA15-5	07/19/07 16:12 / jb
Texture	SL			1.0		ASA15-5	07/19/07 16:12 / jb
Coarse Fragments	1.5	%		1.0		ASA15-5	07/19/07 16:12 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-122
Client Sample ID P5-TP1-012

Report Date: 08/21/07
Collection Date: 06/18/07 16:20
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.28	%		0.02		ASA29-3	07/19/07 07:48 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07061467-123
Client Sample ID P6-TP5-059

Report Date: 08/21/07
Collection Date: 06/21/07
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	70.2	mg/kg-dry	D	0.03		SW6020	07/13/07 07:09 / bws
RADIONUCLIDES - GAMMA							
Radium 226	24.8	pCi/g-dry		1.0		E901.1	07/18/07 06:15 / dpb
Radium 228 precision (±)	2.3	pCi/g-dry				E901.1	07/18/07 06:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	148	pCi/g-dry		2.0		E900.0	07/13/07 10:00 / res
Gross Alpha precision (±)	2.4	pCi/g-dry				E900.0	07/13/07 10:00 / res
Thorium 230	21	pCi/g-dry		0.2		E907.0	07/24/07 15:00 / dmf
Thorium 230 precision (±)	0.9	pCi/g-dry				E907.0	07/24/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL Increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0							Batch: GrAB-0294		
Sample ID: RB-GrAB-0294	Method Blank					Run: G5000W_070710A			07/14/07 08:43
Gross Alpha	ND	pCi/L	1						
Sample ID: UNAT-GrAB-0294	Laboratory Control Sample					Run: G5000W_070710A			07/14/07 08:43
Gross Alpha	300	pCi/L	1.0	109	70	130			
Sample ID: C07061467-013AMS	Sample Matrix Spike					Run: G5000W_070710A			07/14/07 08:43
Gross Alpha	460	pCi/L	1.0	100	70	130			
Sample ID: C07061467-013AMSD	Sample Matrix Spike Duplicate					Run: G5000W_070710A			07/14/07 08:43
Gross Alpha	470	pCi/L	1.0	102	70	130	0.8	12.7	
Sample ID: C07061467-019ADUP	Sample Duplicate					Run: G5000W_070710A			07/15/07 04:49
Gross Alpha	1600	pCi/L	1.0				0.5	11.4	
Sample ID: C07061467-071ADUP	Sample Duplicate					Run: G5000W_070710A			07/15/07 04:50
Gross Alpha	49	pCi/L	1.0				1.1	18.1	
Method: E903.0							Batch: RA226-2157		
Sample ID: C07061467-013ADUP	Sample Duplicate					Run: TENNELEC-2_070705A			07/15/07 20:23
Radium 226	6.0	pCi/L	0.20				33	50.3	
Sample ID: C07061467-014AMS	Sample Matrix Spike					Run: TENNELEC-2_070705A			07/15/07 22:24
Radium 226	18	pCi/L	0.20	79	70	130			
Sample ID: MB-RA226-2157	Method Blank					Run: TENNELEC-2_070705A			07/16/07 08:28
Radium 226	ND	pCi/L	0.2						
Sample ID: LCS-RA226-2157	Laboratory Control Sample					Run: TENNELEC-2_070705A			07/16/07 09:28
Radium 226	12	pCi/L	0.20	94	70	130			
Method: E903.0							Batch: RA226-2166		
Sample ID: C07061467-027AMS	Sample Matrix Spike					Run: G5000W_070709D			07/24/07 13:10
Radium 226	26	pCi/L	0.20	96	70	130			
Sample ID: C07061467-027AMSD	Sample Matrix Spike Duplicate					Run: G5000W_070709D			07/24/07 13:10
Radium 226	25	pCi/L	0.20	90	70	130	5.1	24.5	
Sample ID: MB-RA226-2166	Method Blank					Run: G5000W_070709D			07/24/07 16:15
Radium 226	ND	pCi/L	0.2						
Sample ID: LCS-RA226-2166	Laboratory Control Sample					Run: G5000W_070709D			07/24/07 16:15
Radium 226	13	pCi/L	0.20	106	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0 Batch: RA226-2167									
Sample ID: MB-RA226-2167 Radium 226	Method Blank ND	pCi/L	0.2				Run: G5000W_070709C		07/17/07 14:58
Sample ID: LCS-RA226-2167 Radium 226	Laboratory Control Sample 11	pCi/L	0.20	89	70	130	Run: G5000W_070709C		07/17/07 14:58
Method: E907.0 Batch: 15253									
Sample ID: LCS-R87614 Thorium 230	Laboratory Control Sample 4.30	pCi/g-dry	0.10	88	70	130	Run: EGG-ORTEC_070718E		07/18/07 15:00
Sample ID: C07061467-049BMS Thorium 230	Sample Matrix Spike 1.94	pCi/g-dry	0.20	71	70	130	Run: EGG-ORTEC_070718E		07/18/07 15:00
Sample ID: C07061467-049BMSD Thorium 230	Sample Matrix Spike Duplicate 2.10	pCi/g-dry	0.20	78	70	130	Run: EGG-ORTEC_070718E	7.9 30	07/18/07 15:00
Sample ID: MB-R87614 Thorium 230	Method Blank ND	pCi/g-dry	0.01				Run: EGG-ORTEC_070718E		07/18/07 15:00
Method: E907.0 Batch: 15279									
Sample ID: LCS-R87610 Thorium 230	Laboratory Control Sample 4.00	pCi/g-dry	0.10	82	70	130	Run: EGG-ORTEC_070718D		07/18/07 15:00
Sample ID: C07061467-025BMS Thorium 230	Sample Matrix Spike 2.03	pCi/g-dry	0.20	83	70	130	Run: EGG-ORTEC_070718D		07/18/07 15:00
Sample ID: C07061467-025BMSD Thorium 230	Sample Matrix Spike Duplicate 2.51	pCi/g-dry	0.20	104	70	130	Run: EGG-ORTEC_070718D	21 30	07/18/07 15:00
Sample ID: MB-R87610 Thorium 230	Method Blank ND	pCi/g-dry	0.01				Run: EGG-ORTEC_070718D		07/18/07 15:00

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E907.0							Batch: 15307		
Sample ID: LCS-R87685	Laboratory Control Sample				Run: EGG-ORTEC_070720A		07/20/07 15:00		
Thorium 230	3.80	pCi/g-dry	0.10	78	70	130			
Sample ID: C07061467-052KMS	Sample Matrix Spike				Run: EGG-ORTEC_070720A		07/20/07 15:00		
Thorium 230	3.90	pCi/g-dry	0.20	78	70	130			
Sample ID: C07061467-052KMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_070720A		07/20/07 15:00		
Thorium 230	3.59	pCi/g-dry	0.20	64	70	130	8.4	30	S
Sample ID: MB-R87685	Method Blank				Run: EGG-ORTEC_070720A		07/20/07 15:00		
Thorium 230	ND	pCi/g-dry	0.01						
Sample ID: LCS-R87686	Laboratory Control Sample				Run: EGG-ORTEC_070723B		07/23/07 15:00		
Thorium 230	3.90	pCi/g-dry	0.10	80	70	130			
Sample ID: C07061467-071CMD	Sample Duplicate				Run: EGG-ORTEC_070723B		07/23/07 15:00		
Thorium 230	26.1	pCi/g-dry	0.20		70	130	21	30	
Sample ID: MB-R87686	Method Blank				Run: EGG-ORTEC_070723B		07/23/07 15:00		
Thorium 230	ND	pCi/g-dry	0.01						
Method: E907.0							Batch: 15319		
Sample ID: LCS-R87955	Laboratory Control Sample				Run: EGG-ORTEC_070803A		08/03/07 15:00		
Thorium 230	3.50	pCi/g-dry	0.10	71	70	130			
Sample ID: C07061467-094BMS	Sample Matrix Spike				Run: EGG-ORTEC_070803A		08/03/07 15:00		
Thorium 230	45.2	pCi/g-dry	0.20	97	70	130			
Sample ID: C07061467-094BMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_070803A		08/03/07 15:00		
Thorium 230	44.1	pCi/g-dry	0.20	92	70	130	2.5	30	
Sample ID: MB-R87955	Method Blank				Run: EGG-ORTEC_070803A		08/03/07 15:00		
Thorium 230	ND	pCi/g-dry	0.01						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E907.0 Batch: 15322									
Sample ID: LCS-R87690	Laboratory Control Sample					Run: EGG-ORTEC_070724A			07/24/07 15:00
Thorium 230	4.20	pCi/g-dry	0.10	86	70	130			
Sample ID: C07061467-123BDUP	Sample Duplicate					Run: EGG-ORTEC_070724A			07/24/07 15:00
Thorium 230	19.0	pCi/g-dry	0.20		70	130	10	30	
Sample ID: C07061467-123BDUP	Sample Duplicate					Run: EGG-ORTEC_070724A			07/24/07 15:00
Thorium 230	17.7	pCi/g-dry	0.20		70	130	17	30	
Sample ID: MB-R87690	Method Blank					Run: EGG-ORTEC_070724A			07/24/07 15:00
Thorium 230	ND	pCi/g-dry	0.01						
Method: RA-05 Batch: RA228-1717									
Sample ID: LCS-228-RA226-2157	Laboratory Control Sample					Run: TENNELEC-3_070705A			07/10/07 06:10
Radium 228	8.0	pCi/L	1.0	105	70	130			
Sample ID: MB-RA226-2157	Method Blank					Run: TENNELEC-3_070705A			07/10/07 06:10
Radium 228	ND	pCi/L	1						
Sample ID: C07061467-013ADUP	Sample Duplicate					Run: TENNELEC-3_070705A			07/10/07 06:10
Radium 228	ND	pCi/L	1.0						
Sample ID: C07061467-023AMS	Sample Matrix Spike					Run: TENNELEC-3_070705A			07/10/07 06:10
Radium 228	13	pCi/L	1.0	101	70	130			
Method: RA-05 Batch: RA228-1723									
Sample ID: LCS-228-RA226-2166	Laboratory Control Sample					Run: TENNELEC-3_070709C			07/17/07 06:12
Radium 228	7.47pCi/L		1.0	98	70	130			
Sample ID: MB-RA226-2166	Method Blank					Run: TENNELEC-3_070709C			07/17/07 06:12
Radium 228	ND	pCi/L	1						
Sample ID: C07061467-093AMS	Sample Matrix Spike					Run: TENNELEC-3_070709C			07/17/07 06:12
Radium 228	11.5pCi/L		1.0	91	70	130			
Sample ID: C07061467-093AMSD	Sample Matrix Spike Duplicate					Run: TENNELEC-3_070709C			07/17/07 06:12
Radium 228	10.8pCi/L		1.0	85	70	130	6.0	39.7	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05									
Batch: RA228-1724									
Sample ID: LCS-228-RA226-2167	Laboratory Control Sample								
Radium 228	7.20pCi/L		1.0	95	70	130			07/12/07 13:22
Run: TENNELEC-3_070709A									
Sample ID: MB-RA226-2167	Method Blank								
Radium 228	ND	pCi/L	1						07/12/07 13:22
Run: TENNELEC-3_070709A									
Sample ID: C07061601-026AMS	Sample Matrix Spike								
Radium 228	11.2pCi/L		1.0	88	70	130			07/12/07 13:22
Run: TENNELEC-3_070709A									
Sample ID: C07061601-026AMSD	Sample Matrix Spike Duplicate								
Radium 228	11.6pCi/L		1.0	91	70	130	3.7	39.2	07/12/07 13:22
Run: TENNELEC-3_070709A									
Method: SW6010B									
Batch: 15097									
Sample ID: MB-15097	Method Blank								
Calcium	ND	mg/L	0.06						07/11/07 16:37
Magnesium	ND	mg/L	0.05						
Sodium	0.6	mg/L	0.06						
Run: ICP1-C_070711B									
Sample ID: LCS-15097	Laboratory Control Sample								
Calcium	580	mg/L	0.50	97	70	130			07/11/07 16:40
Magnesium	200	mg/L	0.50	92	70	130			
Sodium	240	mg/L	0.50	95	70	130			
Run: ICP1-C_070711B									
Sample ID: C07061467-046CMS	Sample Matrix Spike								
Calcium	770	mg/L	0.50	94	75	125			07/12/07 15:51
Magnesium	420	mg/L	0.50	93	75	125			
Sodium	480	mg/L	0.50	97	75	125			
Run: ICP1-C_070712A									
Sample ID: C07061467-048CMSD	Sample Matrix Spike Duplicate								
Calcium	770	mg/L	0.50	94	75	125	0.1	20	07/12/07 15:54
Magnesium	420	mg/L	0.50	93	75	125	0.4	20	
Sodium	480	mg/L	0.50	97	75	125	0.3	20	
Run: ICP1-C_070712A									

Qualifiers:

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QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B							Batch: 15148		
Sample ID: C07061467-069CMS	Sample Matrix Spike		Run: ICP1-C_070717A				07/17/07 10:30		
Calcium	520	mg/L	0.50	77	75	125			
Magnesium	300	mg/L	0.50	87	75	125			
Sodium	250	mg/L	0.50	84	75	125			
Sample ID: C07061467-069CMSD	Sample Matrix Spike Duplicate		Run: ICP1-C_070717A				07/17/07 10:33		
Calcium	570	mg/L	0.50	97	75	125	9.0	20	
Magnesium	340	mg/L	0.50	99	75	125	9.9	20	
Sodium	270	mg/L	0.50	92	75	125	7.3	20	
Sample ID: C07061467-086CMS	Sample Matrix Spike		Run: ICP1-C_070717A				07/17/07 11:06		
Calcium	640	mg/L	0.50	85	75	125			
Magnesium	400	mg/L	0.50	88	75	125			
Sodium	250	mg/L	0.50	91	75	125			
Sample ID: C07061467-086CMSD	Sample Matrix Spike Duplicate		Run: ICP1-C_070717A				07/17/07 11:10		
Calcium	640	mg/L	0.50	85	75	125	0.0	20	
Magnesium	400	mg/L	0.50	88	75	125	0.4	20	
Sodium	250	mg/L	0.50	91	75	125	0.1	20	
Sample ID: C07061467-122CMS	Sample Matrix Spike		Run: ICP1-C_070717A				07/17/07 12:39		
Calcium	68	mg/L	0.50	107	75	125			
Magnesium	56	mg/L	0.50	106	75	125			
Sodium	96	mg/L	0.50	85	75	125			
Sample ID: C07061467-122CMSD	Sample Matrix Spike Duplicate		Run: ICP1-C_070717A				07/17/07 12:43		
Calcium	66	mg/L	0.50	102	75	125	3.1	20	
Magnesium	53	mg/L	0.50	101	75	125	4.0	20	
Sodium	98	mg/L	0.50	89	75	125	2.1	20	
Sample ID: MB-15148	Method Blank		Run: ICP1-C_070717A				07/17/07 13:23		
Calcium	0.2	mg/L	0.06						
Magnesium	ND	mg/L	0.05						
Sodium	0.5	mg/L	0.06						
Calcium, sat. paste	0.008	meq/L	0.003						
Magnesium, sat. paste	ND	meq/L	0.004						
Sodium, sat. paste	0.02	meq/L	0.003						
Sample ID: LCS-15148	Laboratory Control Sample		Run: ICP1-C_070717A				07/17/07 13:26		
Calcium	580	mg/L	0.50		0	0			
Magnesium	210	mg/L	0.50		0	0			
Sodium	230	mg/L	0.50		0	0			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B Batch: 15236									
Sample ID: MB-15236 Phosphorus	Method Blank 2	mg/kg-dry	0.6						
						Run: ICP2-C_070717A			07/17/07 17:54
Sample ID: C07061576-004CMS2 Phosphorus	Sample Matrix Spike 115	mg/kg-dry	5.0	112	75	125			07/17/07 20:25
						Run: ICP2-C_070717A			07/17/07 20:28
Sample ID: C07061576-004CMSD2 Phosphorus	Sample Matrix Spike Duplicate 115	mg/kg-dry	5.0	112	75	125	0.3	20	07/17/07 20:28
Sample ID: C07061467-122EDUP Phosphorus	Sample Duplicate 2.04	mg/kg-dry	5.0				0.0	20	07/17/07 21:41
						Run: ICP2-C_070717A			07/17/07 21:41
Method: SW6010B Batch: 15237									
Sample ID: MB-15237 Phosphorus	Method Blank 2	mg/kg-dry	2						
						Run: ICP2-C_070717A			07/17/07 17:57
Sample ID: LCS-15237 Phosphorus	Laboratory Control Sample 23.1	mg/kg-dry	5.0	86	70	130			07/17/07 18:04
						Run: ICP2-C_070717A			07/17/07 18:10
Sample ID: C07061467-002EMS2 Phosphorus	Sample Matrix Spike 280	mg/kg-dry	5.0	111	75	125			07/17/07 18:10
						Run: ICP2-C_070717A			07/17/07 18:14
Sample ID: C07061467-002EMSD2 Phosphorus	Sample Matrix Spike Duplicate 270	mg/kg-dry	5.0	107	75	125	3.6	20	07/17/07 18:14
						Run: ICP2-C_070717A			07/17/07 18:14
Sample ID: C07061467-090EDUP Phosphorus	Sample Duplicate 11.1	mg/kg-dry	5.0				18	20	07/17/07 19:52
						Run: ICP2-C_070717A			07/17/07 19:52

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15101
Sample ID: MB-15101	Method Blank								Run: ICPMS1-C_070709A 07/09/07 15:35
Chromium	0.003	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15101	Laboratory Control Sample								Run: ICPMS1-C_070709A 07/09/07 15:43
Chromium	0.024	mg/kg-dry	2.5	104	70	130			
Uranium	0.022	mg/kg-dry	0.15	108	70	130			
Sample ID: C07061467-022AMS4	Post Digestion Spike								Run: ICPMS1-C_070709A 07/09/07 16:57
Chromium	37	mg/kg-dry	2.5	97	75	125			
Uranium	26	mg/kg-dry	0.15	103	75	125			
Sample ID: C07061467-022AMSD4	Post Digestion Spike Duplicate								Run: ICPMS1-C_070709A 07/09/07 17:04
Chromium	37	mg/kg-dry	2.5	94	75	125	1.9	20	
Uranium	26	mg/kg-dry	0.15	105	75	125	1.1	20	
Sample ID: MB-15101	Method Blank								Run: ICPMS2-C_070710A 07/11/07 05:06
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15101	Laboratory Control Sample								Run: ICPMS2-C_070710A 07/11/07 05:10
Uranium	0.0221	mg/kg-dry	0.015	111	75	125			
Sample ID: C07061467-028A MS4	Sample Matrix Spike								Run: ICPMS2-C_070710A 07/11/07 06:58
Uranium	50.1	mg/kg-dry	0.023	94	75	125			
Sample ID: C07061467-028A MSD4	Sample Matrix Spike Duplicate								Run: ICPMS2-C_070710A 07/11/07 07:02
Uranium	50.2	mg/kg-dry	0.023	95	75	125	0.3	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									
Batch: 15103									
Sample ID: MB-15103	Method Blank		Run: ICPMS1-C_070706A		07/07/07 01:20				
Chromium	0.002	mg/kg-dry	0.0001						
Uranium	0.0007	mg/kg-dry	6E-05						
Sample ID: LCS1-15103	Laboratory Control Sample		Run: ICPMS1-C_070706A		07/07/07 01:28				
Chromium	0.020	mg/kg-dry	2.5	89	70	130			
Uranium	0.023	mg/kg-dry	0.15	114	70	130			
Sample ID: C07061467-046AMS4	Post Digestion Spike		Run: ICPMS1-C_070706A		07/07/07 02:12				
Chromium	44	mg/kg-dry	2.5	96	75	125			
Uranium	27	mg/kg-dry	0.15	108	75	125			
Sample ID: C07061467-046MSD4	Post Digestion Spike Duplicate		Run: ICPMS1-C_070706A		07/07/07 02:20				
Chromium	43	mg/kg-dry	2.5	95	75	125	0.5	20	
Uranium	27	mg/kg-dry	0.15	106	75	125	1.6	20	
Sample ID: MB-15103	Method Blank		Run: ICPMS2-C_070710A		07/11/07 07:10				
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15103	Laboratory Control Sample		Run: ICPMS2-C_070710A		07/11/07 07:14				
Uranium	0.0222	mg/kg-dry	0.015	111	75	125			
Sample ID: C07061467-048A MS4	Sample Matrix Spike		Run: ICPMS2-C_070710A		07/11/07 09:02				
Uranium	24.1	mg/kg-dry	0.027	105	75	125			
Sample ID: C07061467-048A MSD4	Sample Matrix Spike Duplicate		Run: ICPMS2-C_070710A		07/11/07 09:06				
Uranium	24.3	mg/kg-dry	0.027	106	75	125	0.9	20	

Qualifiers:

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ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020							Batch: 15104		
Sample ID: MB-15104	Method Blank					Run: ICPMS1-C_070706A			07/07/07 03:04
Chromium	0.002	mg/kg-dry	0.0001						
Sample ID: LCS1-15104	Laboratory Control Sample					Run: ICPMS1-C_070706A			07/07/07 03:12
Chromium	0.022	mg/kg-dry	2.5	98	70	130			
Sample ID: C07061467-065A MS4	Post Digestion Spike					Run: ICPMS1-C_070706A			07/07/07 04:34
Chromium	34	mg/kg-dry	2.5	95	75	125			
Sample ID: C07061467-065A MSD4	Post Digestion Spike Duplicate					Run: ICPMS1-C_070706A			07/07/07 04:41
Chromium	33	mg/kg-dry	2.5	91	75	125	2.5	20	
Sample ID: MB-15104	Method Blank					Run: ICPMS2-C_070710A			07/11/07 09:14
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15104	Laboratory Control Sample					Run: ICPMS2-C_070710A			07/11/07 09:35
Uranium	0.0219	mg/kg-dry	0.015	109	75	125			
Sample ID: C07061467-064J MS4	Sample Matrix Spike					Run: ICPMS2-C_070710A			07/11/07 11:02
Uranium	28.6	mg/kg-dry	0.030	107	75	125			
Sample ID: C07061467-064J MSD4	Sample Matrix Spike Duplicate					Run: ICPMS2-C_070710A			07/11/07 11:23
Uranium	28.4	mg/kg-dry	0.030	106	75	125	0.8	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15105
Sample ID: MB-15105	Method Blank								Run: ICPMS1-C_070706A 07/07/07 04:56
Chromium	0.002	mg/kg-dry	0.0001						
Sample ID: LCS1-15105	Laboratory Control Sample								Run: ICPMS1-C_070706A 07/07/07 05:03
Chromium	0.021	mg/kg-dry	2.5	95	70	130			
Sample ID: C07061467-083A MS4	Post Digestion Spike								Run: ICPMS1-C_070706A 07/07/07 06:25
Chromium	24	mg/kg-dry	2.5	96	75	125			
Sample ID: C07061467-083A MSD4	Post Digestion Spike Duplicate								Run: ICPMS1-C_070706A 07/07/07 06:32
Chromium	25	mg/kg-dry	2.5	101	75	125	4.1	20	
Sample ID: MB-15105	Method Blank								Run: ICPMS2-C_070711A 07/11/07 23:51
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15105	Laboratory Control Sample								Run: ICPMS2-C_070711A 07/11/07 23:55
Uranium	0.0222	mg/kg-dry	0.015	111	75	125			
Sample ID: C07061467-082A MS4	Sample Matrix Spike								Run: ICPMS2-C_070711A 07/12/07 01:09
Uranium	45.3	mg/kg-dry	0.030	98	75	125			
Sample ID: C07061467-082A MSD4	Sample Matrix Spike Duplicate								Run: ICPMS2-C_070711A 07/12/07 01:13
Uranium	45.9	mg/kg-dry	0.030	100	75	125	1.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									
Batch: 15170									
Sample ID: MB-15170	Method Blank				Run: ICPMS1-C_070713A		07/13/07 11:54		
Chromium	0.0009	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15170	Laboratory Control Sample				Run: ICPMS1-C_070713A		07/13/07 11:59		
Chromium	0.023	mg/kg-dry	2.5	113	70	130			
Uranium	0.022	mg/kg-dry	0.15	111	70	130			
Sample ID: C07061467-101AMS4	Post Digestion Spike				Run: ICPMS1-C_070713A		07/13/07 15:10		
Chromium	28	mg/kg-dry	2.5	105	75	125			
Uranium	190	mg/kg-dry	0.15		75	125			A
Sample ID: C07061467-101MSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070713A		07/13/07 15:14		
Chromium	29	mg/kg-dry	2.5	108	75	125	2.4	20	
Uranium	190	mg/kg-dry	0.15		75	125	0.7	20	A
Sample ID: MB-15170	Method Blank				Run: ICPMS2-C_070712A		07/13/07 01:47		
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15170	Laboratory Control Sample				Run: ICPMS2-C_070712A		07/13/07 01:51		
Uranium	0.0235	mg/kg-dry	0.015	118	75	125			
Sample ID: C07061467-101J MS4	Sample Matrix Spike				Run: ICPMS2-C_070712A		07/13/07 03:34		
Uranium	197	mg/kg-dry	0.029		75	125			A
Sample ID: C07061467-101J MSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_070712A		07/13/07 03:38		
Uranium	195	mg/kg-dry	0.029		75	125	0.8	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020							Batch: 15171		
Sample ID: MB-15171	Method Blank				Run: ICPMS1-C_070713A		07/13/07 15:24		
Chromium	0.002	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15171	Laboratory Control Sample				Run: ICPMS1-C_070713A		07/13/07 15:29		
Chromium	0.023	mg/kg-dry	2.5	104	70	130			
Uranium	0.023	mg/kg-dry	0.15	113	70	130			
Sample ID: C07061467-118AMS4	Post Digestion Spike				Run: ICPMS1-C_070713A		07/13/07 16:08		
Uranium	91	mg/kg-dry	0.15	111	75	125			
Sample ID: C07061467-118AMSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070713A		07/13/07 16:13		
Uranium	90	mg/kg-dry	0.15	104	75	125	1.9	20	
Sample ID: C07061467-118AMS4	Post Digestion Spike				Run: ICPMS1-C_070713A		07/13/07 16:33		
Chromium	29	mg/kg-dry	2.5	121	75	125			
Uranium	93	mg/kg-dry	0.15	119	75	125			
Sample ID: C07061467-118AMSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070713A		07/13/07 16:37		
Chromium	29	mg/kg-dry	2.5	122	75	125	0.6	20	
Uranium	92	mg/kg-dry	0.15	116	75	125	0.8	20	
Sample ID: MB-15171	Method Blank				Run: ICPMS1-C_070717A		07/17/07 13:15		
Chromium	0.002	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15171	Laboratory Control Sample				Run: ICPMS1-C_070717A		07/17/07 13:20		
Chromium	0.023	mg/kg-dry	2.5	105	70	130			
Uranium	0.022	mg/kg-dry	0.15	110	70	130			
Sample ID: C07061467-114AMS4	Post Digestion Spike				Run: ICPMS1-C_070717A		07/17/07 13:40		
Chromium	32	mg/kg-dry	2.5	98	75	125			
Uranium	750	mg/kg-dry	0.15		75	125			A
Sample ID: C07061467-114AMSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070717A		07/17/07 14:04		
Chromium	32	mg/kg-dry	2.5	98	75	125	0.2	20	
Uranium	730	mg/kg-dry	0.15		75	125	2.5	20	A
Sample ID: MB-15171	Method Blank				Run: ICPMS2-C_070712A		07/13/07 04:53		
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15171	Laboratory Control Sample				Run: ICPMS2-C_070712A		07/13/07 04:57		
Uranium	0.0234	mg/kg-dry	0.015	117	75	125			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									
							Batch: 15171		
Sample ID: C07061467-121A MS4	Sample Matrix Spike				Run: ICPMS2-C_070712A		07/13/07 06:44		
Uranium	200	mg/kg-dry	0.029		75	125			A
Sample ID: C07061467-121A MSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_070712A		07/13/07 06:48		
Uranium	202	mg/kg-dry	0.029		75	125	0.9	20	A
Method: SW6020									
							Batch: 15172		
Sample ID: MB-15172	Method Blank				Run: ICPMS1-C_070713A		07/13/07 18:45		
Chromium	0.0006	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15172	Laboratory Control Sample				Run: ICPMS1-C_070713A		07/13/07 18:50		
Chromium	0.022	mg/kg-dry	2.5	109	70	130			
Uranium	0.022	mg/kg-dry	0.15	109	70	130			
Sample ID: C07061601-014A MS4	Post Digestion Spike				Run: ICPMS1-C_070713A		07/13/07 20:03		
Chromium	38	mg/kg-dry	2.5	94	75	125			
Uranium	25	mg/kg-dry	0.15	106	75	125			
Sample ID: C07061601-014A MSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070713A		07/13/07 20:08		
Chromium	38	mg/kg-dry	2.5	92	75	125	1.1	20	
Uranium	25	mg/kg-dry	0.15	106	75	125	0.3	20	
Sample ID: MB-15172	Method Blank				Run: ICPMS2-C_070712A		07/13/07 06:57		
Uranium	7E-05	mg/kg-dry	6E-05						
Sample ID: LCS1-15172	Laboratory Control Sample				Run: ICPMS2-C_070712A		07/13/07 07:01		
Uranium	0.0233	mg/kg-dry	0.015	116	75	125			
Sample ID: C07061601-013A MS4	Sample Matrix Spike				Run: ICPMS2-C_070712A		07/13/07 08:03		
Uranium	320	mg/kg-dry	0.028		75	125			A
Sample ID: C07061601-013A MSD4	Sample Matrix Spike Duplicate				Run: ICPMS2-C_070712A		07/13/07 08:07		
Uranium	318	mg/kg-dry	0.028		75	125	0.7	20	A

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020 Batch: 15241									
Sample ID: MB-15241	Method Blank				Run: ICPMS1-C_070717A				07/17/07 18:15
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.06						
Nickel	ND	mg/kg-dry	0.09						
Sample ID: LCS-15241	Laboratory Control Sample				Run: ICPMS1-C_070717A				07/17/07 18:20
Cadmium	ND	mg/kg-dry	0.32		50	150			
Copper	1.32	mg/kg-dry	0.60	95	50	150			
Nickel	ND	mg/kg-dry	2.6		50	150			
Sample ID: C07061467-054BMS4	Post Digestion Spike				Run: ICPMS1-C_070717A				07/17/07 19:38
Cadmium	1.03	mg/kg-dry	0.66	103	75	125			
Copper	1.14	mg/kg-dry	0.60	115	75	125			
Nickel	1.06	mg/kg-dry	0.93	106	75	125			
Sample ID: C07061467-054BMSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070717A				07/17/07 19:43
Cadmium	1.04	mg/kg-dry	0.66	104	75	125			
Copper	1.14	mg/kg-dry	0.60	115	75	125			
Nickel	1.04	mg/kg-dry	0.93	104	75	125			
Sample ID: MB-15241	Method Blank				Run: ICPMS1-C_070723A				07/23/07 13:15
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.05						
Nickel	ND	mg/kg-dry	0.3						
Zinc	0.05	mg/kg-dry	0.0005						
Sample ID: LCS-15241	Laboratory Control Sample				Run: ICPMS1-C_070723A				07/23/07 13:20
Cadmium	0.0842	mg/kg-dry	0.066	77	50	150			
Copper	1.34	mg/kg-dry	0.60	95	50	150			
Nickel	0.724	mg/kg-dry	0.093	94	50	150			
Zinc	0.601	mg/kg-dry	0.020	91	50	150			
Sample ID: C07061467-054BMS4	Post Digestion Spike				Run: ICPMS1-C_070723A				07/23/07 15:48
Cadmium	1.07	mg/kg-dry	0.66	107	75	125			
Copper	1.20	mg/kg-dry	0.60	120	75	125			
Nickel	1.16	mg/kg-dry	0.93	116	75	125			
Zinc	1.15	mg/kg-dry	0.020	105	75	125			
Sample ID: C07061467-054BMSD4	Post Digestion Spike Duplicate				Run: ICPMS1-C_070723A				07/23/07 16:13
Cadmium	1.02	mg/kg-dry	0.66	102	75	125			
Copper	1.20	mg/kg-dry	0.60	120	75	125			
Nickel	1.10	mg/kg-dry	0.93	110	75	125			
Zinc	1.15	mg/kg-dry	0.020	105	75	125			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15241
Sample ID: C07061467-054BMSD4	Post Digestion Spike Duplicate					Run: ICPMS1-C_070723A			07/23/07 16:13

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020							Batch: 15261		
Sample ID: MB-15261	Method Blank		Run: ICPMS1-C_070717A				07/17/07 21:31		
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.06						
Nickel	ND	mg/kg-dry	0.09						
Sample ID: LCS-15261	Laboratory Control Sample		Run: ICPMS1-C_070717A				07/17/07 21:35		
Cadmium	ND	mg/kg-dry	0.32		50	150			
Copper	1.47	mg/kg-dry	0.60	105	50	150			
Nickel	ND	mg/kg-dry	2.6		50	150			
Sample ID: C07061601-003BMS4	Post Digestion Spike		Run: ICPMS1-C_070717A				07/17/07 22:54		
Copper	1.30	mg/kg-dry	0.60	130	75	125			S
Nickel	0.998	mg/kg-dry	0.93	100	75	125			
- Matrix spike recoveries outside the acceptance criteria of 75 to 125 percent are considered matrix related, not system related. Reported values are within method specifications.									
Sample ID: C07061601-003BMSD4	Post Digestion Spike Duplicate		Run: ICPMS1-C_070717A				07/17/07 22:58		
Copper	1.34	mg/kg-dry	0.60	135	75	125			S
Nickel	0.989	mg/kg-dry	0.93	99	75	125			
- Matrix spike duplicate recoveries outside the acceptance criteria of 75 to 125 percent are considered matrix related, not system related. Reported values are within method specifications.									
Sample ID: MB-15261	Method Blank		Run: ICPMS1-C_070721A				07/21/07 19:15		
Cadmium	0.2	mg/kg-dry	0.003						
Copper	ND	mg/kg-dry	0.06						
Nickel	0.01	mg/kg-dry	0.009						
Zinc	0.06	mg/kg-dry	0.0005						
Sample ID: LCS-15261	Laboratory Control Sample		Run: ICPMS1-C_070721A				07/21/07 19:20		
Copper	1.49	mg/kg-dry	0.60	101	50	150			
Nickel	0.809	mg/kg-dry	0.093	98	50	150			
Zinc	0.666	mg/kg-dry	0.020	92	50	150			
Sample ID: C07061601-003BMS4	Post Digestion Spike		Run: ICPMS1-C_070721A				07/21/07 21:44		
Cadmium	1.17	mg/kg-dry	0.66	117	75	125			
Copper	1.42	mg/kg-dry	0.060	102	75	125			
Nickel	1.15	mg/kg-dry	0.93	115	75	125			
Zinc	1.28	mg/kg-dry	0.020	106	75	125			
Sample ID: C07061601-003BMSD4	Post Digestion Spike Duplicate		Run: ICPMS1-C_070721A				07/21/07 21:49		
Cadmium	1.13	mg/kg-dry	0.66	114	75	125			
Copper	1.42	mg/kg-dry	0.060	103	75	125			
Nickel	1.16	mg/kg-dry	0.93	117	75	125			
Zinc	1.27	mg/kg-dry	0.020	106	75	125			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15261
Sample ID: C07061601-035BDUP	Sample Duplicate				Run: ICPMS1-C_070721A				07/21/07 23:08
Cadmium	ND	mg/kg-dry	0.32				0.0	30	
Copper	1.15	mg/kg-dry	0.60				8.9	30	
Nickel	ND	mg/kg-dry	0.93				0.0	30	
Zinc	1.58	mg/kg-dry	0.020				1.3	30	
Method: SW7471A									Batch: 15131
Sample ID: MB-15131	Method Blank				Run: CVAA-C201_070709A				07/09/07 13:17
Mercury	ND	mg/kg-dry	0.04						
Sample ID: C07070196-001A MS	Sample Matrix Spike				Run: CVAA-C201_070709A				07/09/07 13:42
Mercury	0.71	mg/kg-dry	0.050	113	85	115			
Sample ID: C07070196-001A MSD	Sample Matrix Spike Duplicate				Run: CVAA-C201_070709A				07/09/07 13:48
Mercury	0.70	mg/kg-dry	0.050	109	85	115	1.0	30	
Sample ID: C07061467-055H MS	Sample Matrix Spike				Run: CVAA-C201_070709A				07/09/07 14:27
Mercury	0.84	mg/kg-dry	0.050	108	85	115			
Sample ID: C07061467-055H MSD	Sample Matrix Spike Duplicate				Run: CVAA-C201_070709A				07/09/07 14:31
Mercury	1.1	mg/kg-dry	0.050	104	85	115	23	30	
Sample ID: LCS-15131	Laboratory Control Sample				Run: CVAA-C201_070709A				07/09/07 14:34
Mercury	0.53	mg/kg-dry	0.050	107	90	110			
Method: SW7471A									Batch: 15183
Sample ID: MB-15183	Method Blank				Run: CVAA-C201_070713A				07/13/07 10:40
Mercury	ND	mg/kg-dry	0.04						
Sample ID: C07070321-002C MS	Sample Matrix Spike				Run: CVAA-C201_070713A				07/13/07 11:05
Mercury	0.83	mg/kg-dry	0.050	87	85	115			
Sample ID: C07070321-002C MSD	Sample Matrix Spike Duplicate				Run: CVAA-C201_070713A				07/13/07 11:09
Mercury	0.80	mg/kg-dry	0.050	94	85	115	4.6	30	
Sample ID: C07061467-104H MS	Sample Matrix Spike				Run: CVAA-C201_070713A				07/13/07 11:47
Mercury	0.89	mg/kg-dry	0.050	86	85	115			
Sample ID: C07061467-104H MSD	Sample Matrix Spike Duplicate				Run: CVAA-C201_070713A				07/13/07 11:51
Mercury	0.66	mg/kg-dry	0.050	91	85	115	29	30	
Sample ID: LCS-15183	Laboratory Control Sample				Run: CVAA-C201_070713A				07/13/07 11:54
Mercury	0.52	mg/kg-dry	0.050	105	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/21/07
Work Order: C07061467

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW7471A Batch: 15248									
Sample ID: MB-15248	Method Blank					Run: CVAA-C201_070715A			07/15/07 12:47
Mercury	ND	mg/kg-dry	0.04						
Sample ID: C07061601-009H MS	Sample Matrix Spike					Run: CVAA-C201_070715A			07/15/07 13:12
Mercury	1.0	mg/kg-dry	0.050	110	85	115			
Sample ID: C07061601-009H MSD	Sample Matrix Spike Duplicate					Run: CVAA-C201_070715A			07/15/07 13:16
Mercury	0.78	mg/kg-dry	0.050	106	85	115	28	30	
Sample ID: LCS-15248	Laboratory Control Sample					Run: CVAA-C201_070715A			07/15/07 14:03
Mercury	0.52	mg/kg-dry	0.050	103	90	110			
Method: USDA27a Batch: SAT070705B									
Sample ID: LCS	Laboratory Control Sample					Run: SARTORIUS_070706B			07/06/07 09:53
Saturation Percentage	56.1	%	0.10	111	80	120			
Method: USDA27a Batch: SAT070709A									
Sample ID: C07061601-004CDUP	Sample Duplicate					Run: SARTORIUS_070710B			07/10/07 09:26
Saturation Percentage	54.1	%	0.10				9.4	10	
Sample ID: LCS	Laboratory Control Sample					Run: SARTORIUS_070710B			07/10/07 09:26
Saturation Percentage	51.3	%	0.10	101	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page 1 of 1

Company Name: <u>MWH</u>		Project Name, PWS #, Permit #, Etc.: <u>St. Anthony</u>	
Report Mail Address: <u>Steamboat, CO</u>		Contact Name, Phone, Fax, E-mail: <u>Toby Leeson</u>	
Invoice Address: <u>Same</u>		Purchase Order #: _____	
Report Required For: ☐ POTW/MWTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Comments: _____	
EDD/EDT ☐ Format _____		Receipt Temp: <u>23.0 °C</u>	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Cooler ID(s): <u>1-1754</u>	
Collection Date		Custody Seal: <u>Y</u>	
Collection Time		Intact: <u>Y</u>	
		Signature Match: <u>Y</u>	
		Lab ID: _____	
1. <u>LOBO-TP1-130+131</u>		<u>LABORATORY USE ONLY</u>	
2. <u>LOBO-TP2-132</u>			
3. <u>LOBO-TP2-133</u>			
4. <u>LOBO-TP2-134</u>			
5. <u>LOBO-TP2-135(4)</u>			
6. <u>LOBO-TP4-136</u>			
7. <u>BS-TP1-041+042</u>			
8. <u>BS-TP2-069+070</u>			
9. <u>BS-TP2-305</u>			
10. _____			
Custody Record MUST be Signed		Received by: <u>Chemist</u> Date/Time: <u>6/27/07 10:00</u>	
Relinquished by: _____		Received by: _____ Date/Time: _____	
Sample Disposal: _____		Sample Type: _____ # of fractions: _____	
Return to client: _____		LABORATORY USE ONLY	



Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: MWH		Project Name, PWS #, Permit #, Etc.: St Anthony																																																																																																																																																																																						
Report Mail Address: Steamboat, CO		Contact Name, Phone, Fax, E-mail: Toby Lessor																																																																																																																																																																																						
Invoice Address: Steamboat, CO		Purchase Order #:																																																																																																																																																																																						
Report Required For: ☐ POTW/WWTP ☐ DW ☐ Other _____		ELI Quote #:																																																																																																																																																																																						
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling																																																																																																																																																																																						
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<table border="1"> <thead> <tr> <th rowspan="2">SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)</th> <th rowspan="2">Collection Date</th> <th rowspan="2">Collection Time</th> <th colspan="2">Number of Containers</th> <th rowspan="2">MATRIX</th> <th colspan="2">ANALYSIS REQUESTED</th> <th rowspan="2">Normal Turnaround (TAT)</th> <th rowspan="2">RUSH Turnaround (TAT)</th> <th rowspan="2">Receipt Temp</th> <th rowspan="2">Cooler ID(s)</th> <th rowspan="2">Custody Seal</th> <th rowspan="2">Intact</th> <th rowspan="2">Signature Match</th> <th rowspan="2">Lab ID</th> </tr> <tr> <th>Air Water</th> <th>Soils/Solids</th> <th>Vegetation</th> <th>Bioassay</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>1' Shaft Rad - SPLP - Comp</td> <td>6/21</td> <td>1050</td> <td>S</td> <td></td> <td>S</td> <td>SPLP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2' Mine Dump SPLP - Comp</td> <td>6/21</td> <td>1130</td> <td>S</td> <td></td> <td>S</td> <td>RAD</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3' Storage Area SPLP - Comp</td> <td>6/21</td> <td>1120</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4' Pond 1 - SPLP - Comp</td> <td>6/21</td> <td>1245</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5' Pond 2 - SPLP - Comp</td> <td>6/21</td> <td>1300</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6' Pond 3 - SPLP - Comp</td> <td>6/21</td> <td>1315</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7' Pond 4 - SPLP - Comp</td> <td>6/21</td> <td>1330</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8' Pond 5 - SPLP - Comp</td> <td>6/21</td> <td>1230</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9' TS-0641065</td> <td>6/20</td> <td>1320</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10' TS-066</td> <td>6/20</td> <td>1325</td> <td>S</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	Number of Containers		MATRIX	ANALYSIS REQUESTED		Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Receipt Temp	Cooler ID(s)	Custody Seal	Intact	Signature Match	Lab ID	Air Water	Soils/Solids	Vegetation	Bioassay	Other	1' Shaft Rad - SPLP - Comp	6/21	1050	S		S	SPLP										2' Mine Dump SPLP - Comp	6/21	1130	S		S	RAD										3' Storage Area SPLP - Comp	6/21	1120	S		S											4' Pond 1 - SPLP - Comp	6/21	1245	S		S											5' Pond 2 - SPLP - Comp	6/21	1300	S		S											6' Pond 3 - SPLP - Comp	6/21	1315	S		S											7' Pond 4 - SPLP - Comp	6/21	1330	S		S											8' Pond 5 - SPLP - Comp	6/21	1230	S		S											9' TS-0641065	6/20	1320	S		S											10' TS-066	6/20	1325	S		S											ANALYSIS REQUESTED SEE ATTACHED	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date				Collection Time	Number of Containers		MATRIX	ANALYSIS REQUESTED									Normal Turnaround (TAT)	RUSH Turnaround (TAT)	Receipt Temp	Cooler ID(s)	Custody Seal	Intact	Signature Match	Lab ID																																																																																																																																																															
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Relinquished by: R. Sandoz Relinquished by: _____		Date/Time: 6/22/07 Date/Time: _____																																																																																																																																																																																						
Shipped by: FedEx Shipped by: _____		Date/Time: 6/22/07 Date/Time: _____																																																																																																																																																																																						
Sample Disposal: _____ Return to client: ☒		Laboratory Use Only Sample Type: _____ # of fractions: _____																																																																																																																																																																																						

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Chain of Custody and Analytical Request Record

Page 2 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name:		Project Name, PWS #, Permit #, Etc.:	
Report Mail Address:		Contact Name, Phone, Fax, E-mail:	
Invoice Address:		Purchase Order #:	
Report Required For: ☐ POTW/WWTP ☐ DW ☐ Other _____		ELI Quote #:	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
EDD/EDT ☒ Format <u>MWH</u>		Comments:	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		RUSH Turnaround (TAT)	
Collection Date		Normal Turnaround (TAT)	
Collection Time		SEE ATTACHED	
1 TS-067 6/20 1335		ANALYSIS REQUESTED	
2 TS-068 6/20 1350		Sample Type: A W S B O	
3		Air Water Soils/Solids Vegetation	
4		Blossom Other	
5		MATRIX	
6		Number of Containers	
7		Date/Time: 6/20/07	
8		Date/Time: 6/20/07	
9		Shipped by: FedEx	
10		Shipped by:	
Custody Record MUST be Signed		Received by: <u>[Signature]</u> Date/Time: 6-27-07 10:00	
Relinquished by: <u>[Signature]</u>		Received by:	
Relinquished by:		Date/Time:	
Sample Disposal: Return to client: <u>X</u>		LABORATORY USE ONLY	
In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly noted on your analytical report.		Sample Type: # of fractions	

fedex

LABORATORY USE ONLY

C07061467



Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: MWH		Project Name, PWS #, Permit #, Etc.: St. Anthony	
Report Mail Address: Steamboat, CO		Contact Name, Phone, Fax, E-mail: Toby Leeson	
Invoice Address: Steamboat, CO		Purchase Order #:	
Report Required For: ☐ POTW/WTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐		Comments:	
Other: _____		RUSH Turnaround (TAT)	
EDD/EDT ☒ Format MWH		Normal Turnaround (TAT)	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		ANALYSIS REQUESTED	
Collection Date		Sample Type: A/W/S/V/B/O Air Water Soils/Solids Vegetation Biosassay Other	
Collection Time		MATRIX	
1 051-TP6-306		S	
2 051-TP6-091		S	
3 051-TP6-092		S	
4 POS-TP5-117, 118		S	
5 POS-TP5-119		S	
6 POS-TP4-111, 112		S	
7 POS-TP4-113		S	
8 POS-TP3-114, 115		S	
9 POS-TP3-116		S	
10			
Relinquished by:		Shipped by: tedex	
Relinquished by:		Shipped by:	
Date/Time:		Date/Time:	
Date/Time:		Date/Time:	
Custody Record MUST be Signed		Received by: St. Anthony	
Sample Disposal: _____		Received by:	
Return to client: _____		Date/Time: 6-27-07 10:00	
Lab Disposal: _____		Date/Time:	
In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.		LABORATORY USE ONLY	
Receipt Temp: 23.0°C		Custody Seal: Y N Y N	
Cooler ID(s):		Intact: Y	
		Signature Match: Y	
		Lab ID: 07061467	

TRACK# C07061467

Chain of Custody and Analytical Request Record

Page 1 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name MWH		Project Name, PWS #, Permit #, Etc.: St. Anthony		Purchase Order #:		ELI Quote #:	
Report Mail Address: Steamboat, CO		Contact Name, Phone, Fax, E-mail: Toby Leeson		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments:		Receipt Temp 23.0 °C Cooler ID(s)	
Invoice Address: Same		Invoice Contact & Phone #:		RUSH Turnaround (TAT)		Custody Seal Intact ☒ Signature Match ☒ Lab ID	
Report Required For: ☐ POTWWTP ☐ DW ☐ Other _____		Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		EDD/EDT ☐ Format _____		LABORATORY USE ONLY	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	ANALYSIS REQUESTED			
1 BG-TP1-124		6/24	1600	SEE ATTACHED			
2 BG-TP1-125		6/24	1600	SEE ATTACHED			
3 BG-TP2-126		"	1615	SEE ATTACHED			
4 BG-TP2-127		"	1620	SEE ATTACHED			
5 BG-TP3-120		"	1530	SEE ATTACHED			
6 BG-TP3-310		"	1530	SEE ATTACHED			
7 BG-TP3-121		"	1535	SEE ATTACHED			
8 TO-TP1-015+016		6/19	0855	SEE ATTACHED			
9 TO-TP1-017		"	0905	SEE ATTACHED			
10 TO-TP-018		"	0915	SEE ATTACHED			
Custody Record MUST be Signed		Relinquished by: [Signature] Date/Time: 6/22/07 1630		Shipped by: [Signature] Date/Time: 6-22-07		Received by: [Signature] Date/Time: 6-27-07 10:00	
Sample Disposal: _____		Return to client: ☒		Lab Disposal: ☒		LABORATORY USE ONLY	

Page 1 of 1

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Chain of Custody and Analytical Request Record

Page 1 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: <u>MWH</u>		Project Name, PWS #, Permit #, Etc.: <u>St. Anthony</u>	
Report Mail Address: <u>Steamboat, CO</u>		Contact Name, Phone, Fax, E-mail: <u>Toby Lerson</u>	
Invoice Address: <u>Steamboat, CO</u>		Purchase Order #: _____	
Report Required For: ☐ POT/WWTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Comments: _____	
EDD/EDT ☒ Format <u>MWH</u>		RUSH Turnaround (TAT) _____	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Normal Turnaround (TAT) _____	
Collection Date		Collection Time	
1. Shaft Rad - SPLP - Comp		6/21 1050	
2. Mine Dump - SPLP - Comp		6/21 1130	
3. Storage Area - SPLP - Comp		6/21 1120	
4. Pond 1 - SPLP - Comp		6/21 1245	
5. Pond 2 - SPLP - Comp		6/21 1300	
6. Pond 3 - SPLP - Comp		6/21 1315	
7. Pond 4 - SPLP - Comp		6/21 1330	
8. Pond 5 - SPLP - Comp		6/21 1230	
9. TS-064+065		6/20 1320	
10. TS-066		6/20 1325	
Number of Containers		MATRIX	
Sample Type: A W S V B O		Air Water Solids/Vegetation	
Biossay Other		SEE ATTACHED	
ANALYSIS REQUESTED		LABORATORY USE ONLY	
Shipped by: <u>FedEx</u>		Revised by: <u>DM</u>	
Date/TIME: <u>6/22/07</u>		Date/Time: <u>6/22/07</u>	
Relinquished by: <u>St. Anthony</u>		Relinquished by: <u>DM</u>	
Sample Disposal: _____		Sample Type: _____	
Return to client: ☒ Lab Disposal: ☒		# of fractions: _____	
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Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page 2 of 2

Company Name:		Project Name, PWS #, Permit #, Etc.:	
Report Mail Address:		Contact Name, Phone, Fax, E-mail:	
Invoice Address:		Purchase Order #:	
Report Required For: POTW/MWTP ☐ DW ☐ Other ☐		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other ☐		Comments:	
EDD/EDT ☒ Format <u>MWH</u>		Receipt Temp <u>22.0°C</u> Cooler ID(s) <u>C0511</u> Custody Seal <u>N</u> Intact <u>Y</u> Signature Match <u>Y</u>	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Normal Turnaround (TAT)	
1 TS-0607		RUSH Turnaround (TAT)	
2 TS-0608		LABORATORY USE ONLY	
3		Date/Time: <u>6/27/07</u>	
4		Date/Time:	
5		Received by: <u>[Signature]</u>	
6		Received by:	
7		Shipped by: <u>Redex</u>	
8		Shipped by:	
9		Date/Time: <u>6/26/07</u>	
10		Date/Time:	
Custody Record MUST be Signed		LABORATORY USE ONLY	
Relinquished by: <u>[Signature]</u>		Sample Type: <u># of fractions</u>	
Relinquished by:		Sample Type:	
Sample Disposal: <u>Return to client</u>		Lab Disposal: <u>X</u>	

TRACK# C07061467



Page 1 of 1

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: MWH		Project Name, PWS #, Permit #, Etc.: St. Anthony	
Report Mail Address: Steamboat, CO		Contact Name, Phone, Fax, E-mail: Toby Leeson	
Invoice Address: Steamboat, CO		Purchase Order #: ELI Quote #: Sampler Name if other than Contact: 	
Report Required For: ☐ POTW/MWTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments: 	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Receipt Temp 23.0 °C Cooler ID(s) 	
EDD/EDT ☒ Format MWH		Custody Seal Y N Intact Signature Match Lab ID: 	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		LABORATORY USE ONLY	
Collection Date		RUSH Turnaround (TAT)	
Collection Time		Normal Turnaround (TAT)	
1 051-TP6-306		SEE ATTACHED	
2 051-TP6-091		ANALYSIS REQUESTED	
3 051-TP6-092		Sample Type: A W S V B O	
4 P05-TP5-117, 118		Air Water Soil/Solids Vegetation	
5 P05-TP5-119		Biossay Other	
6 P04-TP4-111, 112		MATRIX	
7 P04-TP4-113		S	
8 P03-TP3-114, 115		S	
9 P03-TP3-116		S	
10		S	
Relinquished by:		Shipped by:	
Relinquished by:		Shipped by:	
Custody Record MUST be Signed		Received by: St. Anthony Date/Time: 6-27-07 10:00	
Sample Disposal: _____		Received by: _____ Date/Time: _____	
Return to client: _____		LABORATORY USE ONLY	
Lab Disposal: _____		# of fractions: _____	

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Chain of Custody and Analytical Request Record

Page 1 of 2

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Company Name <u>MWH</u>		Project Name, PWS #, Permit #, Etc.: <u>St. Anthony</u>	
Report Mail Address: <u>Steamboat, CO</u>		Contact Name, Phone, Fax, E-mail: <u>Toby Leeson</u>	
Invoice Address: <u>Same</u>		Invoice Contact & Phone #:	ELI Quote #:
Report Required For: POT/WWTP ☐ DW ☐ Other _____	Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments:		
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____	Receipt Temp <u>23.0 °C</u> Cooler ID(s)		
EDD/EDT ☐ Format _____	Custody Seal Intact ☒ Y Signature Match ☒ Y		
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	Lab ID
1 BG-TP1-124	6/24	1600	LABORATORY USE ONLY <u>6/26/14</u>
2 BG-TP1-125	6/24	1600	
3 BG-TP2-126	"	1615	
4 BG-TP2-127	"	1620	
5 BG-TP3-120	"	1530	
6 BG-TP3-310	"	1530	
7 BG-TP3-121	"	1535	
8 TO-TP1-015 to 016	6/19	0855	
9 TO-TP1-017	"	0905	
10 TO-TP-018	"	0915	
Custody Record MUST be Signed	Relinquished by: <u>[Signature]</u>	Relinquished by: <u>[Signature]</u>	Relinquished by: <u>[Signature]</u>
Date/Time: <u>6/22/07 1630</u>		Date/Time: <u>6-27-07 10:00</u>	
Shipped by: <u>FEZ EX</u>		Shipped by:	
Date/Time: <u>6/22/07 1630</u>		Date/Time:	
Sample Disposal: _____		Sample Type: _____ # of fractions	
Return to client: ☒ Lab Disposal: ☒		LABORATORY USE ONLY	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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Company Name: <u>MWH</u>		Project Name, PWS #, Permit #, Etc.: _____	
Report Mail Address: _____		Contact Name, Phone, Fax, E-mail: _____	
Invoice Address: <u>See Page 1</u>		Purchase Order #: _____	
Report Required For: ☐ POTW/WTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Comments: _____	
EDD/EDT ☐ Format _____		Receipt Temp <u>33.0</u> °C Cooler ID(s) _____	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Custody Seal <u>Y</u> <u>N</u> <u>N</u> Intact <u>Y</u> <u>N</u> <u>N</u> Signature Match <u>Y</u> <u>N</u> <u>N</u> Lab ID _____	
Collection Date		RUSH Turnaround (TAT) _____	
Collection Time		Normal Turnaround (TAT) _____	
1. TO-TP1-019 6/19 0955		SEE ATTACHED	
2. OSI-TP6-079+080 6/24 0910		X	
3. BG-TP4-122		X	
4. BG-TP4-123		X	
5. _____		X	
6. _____		X	
7. _____		X	
8. _____		X	
9. _____		X	
10. _____		X	
Relinquished by: <u>[Signature]</u>		Shipped by: <u>FedEx</u>	
Relinquished by: _____		Shipped by: _____	
Date/Time: <u>6/22/07 0910</u>		Date/Time: <u>6-27-07 10:00</u>	
Date/Time: _____		Date/Time: _____	
Custody Record MUST be Signed		LABORATORY USE ONLY	
Sample Disposal: _____		Sample Type: _____	
Return to client: _____		# of fractions _____	



Chain of Custody and Analytical Request Record

Page 1 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: MWH		Project Name, PWS #, Permit #, Etc.: St. Anthony	
Report Mail Address: Steamboat, CO		Contact Name, Phone, Fax, E-mail: Toby Leeson	
Invoice Address: Steamboat, CO		Purchase Order #:	
Report Required For: ☐ POTW/WWTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Comments:	
EDD/EDT ☒ Format MWH		Receipt Temp 23.0°C Cooler ID(s)	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Custody Seal Y Y Y Intact Y Y Y Signature Match Y Y Y Lab ID	
Collection Date		Normal Turnaround (TAT)	
Collection Time		RUSH Turnaround (TAT)	
1. TN-TP1-071		SEE ATTACHED	
2. TN-TP1-072		SEE ATTACHED	
3. TN-TP1-073		SEE ATTACHED	
4. TN-TP1-074		SEE ATTACHED	
5. TN-TP1-075		SEE ATTACHED	
6. AR7-TP1-076		SEE ATTACHED	
7. AR15-TP1-077		SEE ATTACHED	
8. AR19-TP1-078		SEE ATTACHED	
9. AR24-TP1-083		SEE ATTACHED	
10. AR34-TP1-084		SEE ATTACHED	
Relinquished by: Jeffrey Aubrey		Received by: Christen	
Relinquished by: _____		Received by: _____	
Date/Time: 6/22/07		Date/Time: 6-27-07	
Date/Time: _____		Date/Time: _____	
Sample Disposal: _____		Sample Type: _____	
Return to client: ☒		# of fractions: _____	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule forms & links



Chain of Custody and Analytical Request Record

Page 7 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name:		Project Name, PWS #, Permit #, Etc.:		Sampler Name if other than Contact:		Purchase Order #:		ELI Quote #:	
Report Mail Address:		Contact Name, Phone, Fax, E-mail:		Invoice Contact & Phone #:		Notify ELI prior to RUSH sample submittal for additional charges and scheduling		Receipt Temp Cooler ID(s)	
Invoice Address:		Report Required For: POT/WWTP ☐ DW ☐ Other _____		ANALYSIS REQUESTED		Comments:		Custody Seal Intact Signature Match	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other		SEE ATTACHED		Normal Turnaround (TAT)		LABORATORY USE ONLY	
EDD/EDT ☒ Format _____		MATRIX		RUSH Turnaround (TAT)		Lab ID			
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time					
1 SA-TP1-089		6/21/07		1045					
2 SA-TP1-090		6/21/07		1045					
3 SA-TP1-307		6/21/07		1045					
4 SA-TP1-091		6/21/07		1045					
5									
6									
7									
8									
9									
10									
Custody Record MUST be Signed		Relinquished by: <u>Delia J. Pugh</u>		Date/Time: <u>6/22/07</u>		Shipped by: <u>Feed Ex</u>		Date/Time: <u>6-27-07 10:07</u>	
		Relinquished by:		Date/Time:		Shipped by:		Date/Time:	
Sample Disposal:		Return to client:		Lab Disposal:		LABORATORY USE ONLY		Sample Type: # of fractions	

sample type	# of fractions
In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.	

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, & links

TRACK# C07061467



Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page 1 of 2

Company Name: MWH		Project Name, PWS #, Permit #, Etc.: St. Anthony	
Report Mail Address: Steadboat, CO		Sampler Name if other than Contact: Tom Leeson	
Invoice Address: Same		Purchase Order #: _____	
Report Required For: ☐ POTW/WTP ☐ DW ☐ Other _____		ELI Quote #: _____	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments: _____	
EDD/EDT ☐ Format _____		Receipt Temp: 23.0 C Cooler ID(s): _____	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Custody Seal: Y Intact: Y Signature Match: Y	
Collection Date		Lab ID	
Collection Time		LABORATORY USE ONLY	
1 P7-TP2-021-020 6/19 1040		RUSH Turnaround (TAT)	
2 P7-TP2-300 6/19 1040		Normal Turnaround (TAT)	
3 P7-TP2-022 6/19 1045		SEE ATTACHED	
4 P7-TP3-023-024 6/19 1100		ANALYSIS REQUESTED	
5 P7-TP3-026 6/19 1120		Sample Type: A W S V B O Matrix: SPC	
6 P7-TP4-048+049 6/20 0935		Number of Containers	
7 P7-TP4-050 6/20 0940		Air Water Soils/Solids Vegetation	
8 P7-TP4-303 6/20 0940		Biossay Other	
9 P7-TP5-053+054 6/20 1010		Shipped by: Express	
10 P7-TP5-055 6/20 1015		Shipped by: _____	
Relinquished by: [Signature]		Date/Time: 6-27-07 10:00	
Relinquished by: _____		Date/Time: _____	
Custody Record MUST be Signed		Received by: Minister	
Sample Disposal: _____		Received by: _____	
Return to client: _____		Date/Time: _____	
Lab Disposal: _____		Date/Time: _____	
Sample Type: _____		LABORATORY USE ONLY	
# of fractions: _____		# of fractions: _____	



Chain of Custody and Analytical Request Record

Page 2 of 2

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name:		Project Name, PWS #, Permit #, Etc.:	
Report Mail Address:		Contact Name, Phone, Fax, E-mail:	
Invoice Address:		Purchase Order #:	
Invoice Contact & Phone #:		ELI Quote #:	
Report Required For: ☐ POTW/WTP ☐ DW ☐ Other _____		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Comments:	
EDD/EDT ☐ Format _____		RUSH Turnaround (TAT)	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Normal Turnaround (TAT)	
Collection Date		SEE ATTACHED	
Collection Time		ANALYSIS REQUESTED	
1 P7-TP1-001-002 6/18 1425		RADs	
2 P7-TP1-005 6/18 1500		Agro	
3		SPCD	
4			
5			
6			
7			
8			
9			
10			
Custody Record MUST be Signed		LABORATORY USE ONLY	
Relinquished by: <u>[Signature]</u>		Received by: <u>Thumista</u>	
Relinquished by: _____		Received by: _____	
Date/Time: <u>6/23/07 1008</u>		Date/Time: <u>6-23-07 6:00</u>	
Sample Disposal: _____		Sample Type: _____	
Return to client: _____		# of fractions: _____	

TRACK# C07061467



Chain of Custody and Analytical Request Record

Page 1 of 2

PLEASE PRINT- Provide as much information as possible.

Company Name: NW H		Project Name, PWS, Permit, Etc.		Sample Origin State: ☐ Yes ☐ No ☐		EPA/State Compliance: Yes ☐ No ☐	
Report Mail Address: Steamboat, CO		Contact Name: Phone/Fax:		Email:		Sampler: (Please Print)	
Invoice Address: Same		Invoice Contact & Phone:		Purchase Order:		Quote/Bottle Order:	
Special Report/Formats - ELI must be notified prior to sample submittal for the following: ☐ DW ☐ A2LA ☐ EDD/EDT (Electronic Data) ☐ GSA ☐ POTW/WWTP ☐ State: ☐ LEVEL IV ☐ NELAC ☐ Other: _____		ANALYSIS REQUESTED		SEE ATTACHED		Normal Turnaround (TAT)	
Number of Containers Sample Type: AWSVB Air Water Soils/Solids Vegetation Bioassay Other		MATRIX		R U S H		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page	
Collection Date		Collection Time		Comments:		Receipt Temp On Ice: Yes ☐ No ☒	
Custody Seal Intact		Signature Match		Custody Seal Intact		Signature Match	
Relinquished by (print):		Relinquished by (print):		Received by (print):		Received by (print):	
Date/Time: 6/23/07 10:30		Date/Time: 6/23/07 10:30		Date/Time: 6-27-07 10:00		Date/Time: 6-27-07 10:00	
Signature: [Signature]		Signature: [Signature]		Signature: [Signature]		Signature: [Signature]	
Relinquished by (print):		Relinquished by (print):		Received by Laboratory:		Received by Laboratory:	
Date/Time:		Date/Time:		Date/Time:		Date/Time:	
Sample Disposal:		Return to Client:		Lab Disposal:		Lab Disposal:	
Sample Disposal:		Return to Client:		Lab Disposal:		Lab Disposal:	

LABORATORY USE ONLY

6/27/07

Custody Record MUST be Signed

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.



Chain of Custody and Analytical Request Record

Page 2 of 2

Company Name:		Project Name, PWS, Permit, Etc.		Sample Origin		EPA/State Compliance:	
Report Mail Address:		Contact Name:		State:		Yes ☐ No ☐	
Invoice Address:		Phone/Fax:		Email:		Sampler: (Please Print)	
Invoice Contact & Phone:		Purchase Order:		Quote/Bottle Order:			
Special Report/Formats - ELI must be notified prior to sample submittal for the following:		ANALYSIS REQUESTED		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page		Shipped by: <u>fedex</u>	
☐ DW ☐ A2LA ☐ GSA ☐ EDD/EDT (Electronic Data) ☐ POTW/MWTP ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC		Normal Turnaround (TAT)		Comments:		Receipt Temp: <u>83.0 °C</u>	
Number of Containers		SEE ATTACHED		R U S H		On Ice: Yes ☐ No ☒	
Sample Type: A W S V B O		RADs		AGRO		Custody Seal Intact: Y N	
Vegetation Bioassay Other		SPCP				Signature Match: Y N	
MATRIX		X				LABORATORY USE ONLY	
Collection Date		Collection Time					
1. POL-TR1-703		6/24		1300			
2. SP-TR2-DB6+DB7		"		1030			
3. SP-TR2-DB8		"		"			
4. PS-TR1-010		6/18		1610			
5. PS-TR1-011+012		6/18		1620			
6. <u> </u>							
7. <u> </u>							
8. <u> </u>							
9. <u> </u>							
10. <u> </u>							
Custody Record MUST be Signed		Date/Time: <u>6/23/07 1045</u>		Date/Time: <u>6-23-07 10:00</u>		Signature: <u>Chumiston</u>	
Relinquished by (print): <u> </u>		Date/Time: <u> </u>		Date/Time: <u> </u>		Signature: <u> </u>	
Relinquished by (print): <u> </u>		Date/Time: <u> </u>		Date/Time: <u> </u>		Signature: <u> </u>	
Sample Disposal:		Return to Client:		Received by Laboratory:		Date/Time: <u> </u>	

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Energy Laboratories Inc

Workorder Receipt Checklist



C07061467

Login completed by: Donny Juarez

Date and Time Received: 6/27/2007 10:00 AM

Reviewed by:

Received by: kh

Reviewed Date:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	23.0° C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

Samples BG-TP4-122 and BG-TP4-123 were not listed on the COC. These two Samples were originally logged for everything. Client called back 7-2-07 only R-Chem should be logged for those two samples.



Date: 21-Aug-07

CLIENT: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Sample Delivery Group: C07061467

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505

Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.



ANALYTICAL SUMMARY REPORT

August 14, 2007

Montgomery Watson Harza
1475 Pine Grove Road Ste 109
PO Box 774018
Steamboat Springs, CO 80477

Workorder No.: C07070359

Project Name: GE (UNC) St Anthony Mine Site

Energy Laboratories, Inc. received the following 23 samples from Montgomery Watson Harza on 7/10/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07070359-001	P4-DH5-001	07/06/07 09:45	06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07070359-002	P4-DH5-007	07/06/07 10:15	06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07070359-003 P4-DH5-016	07/06/07 11:30 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070359-004 P3-DH8-001	07/06/07 16:10 06/27/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07070359-005 P3-DH8-005	07/06/07 16:47 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070359-006 P3-DH8-007	07/06/07 16:57 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07070359-007 P3-DH8-301	07/06/07 17:07 06/27/07	Soil	Same As Above



C07070359-008 P4-DH3-004	07/01/07 11:10 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070359-009 P4-DH3-005	07/01/07 11:15 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07070359-010 P4-DH3-300	07/01/07 11:25 06/27/07	Soil	Same As Above
C07070359-011 P4-DH1-015	07/03/07 13:35 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070359-012 P4-DH1-013	07/03/07 13:10 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07070359-013 P4-DH4-014	07/04/07 10:04 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular



C07070359-014 P4-DH4-012	07/04/07 09:46 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07070359-015 P4-DH6-007	07/04/07 14:44 06/27/07	Soil	Same As Above
C07070359-016 P4-DH6-008	07/04/07 14:52 06/27/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070359-017 P4-DH4-001	07/04/07 08:34 06/27/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07070359-018 P4-DH6-001	07/04/07 14:09 06/27/07	Soil	Same As Above
C07070359-019 P4-DH3-001	07/01/07 10:55 06/27/07	Soil	Same As Above
C07070359-020 P4-DH2-001	07/02/07 12:31 06/27/07	Soil	Same As Above
C07070359-021 P4-DH2-010	07/02/07 13:55 06/27/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07070359-022 P4-DH2-011

07/02/07 14:04 06/27/07 Soil

Metals by ICP/ICPMS, Dissolved
Uranium, Total
Digestion, Total Metals
Digestion For RadioChemistry
Gross Alpha, Gross Beta Sample Prep
Gamma Sample Preparation
Gross Alpha, Gross Beta
Gross Alpha, Gross Beta
Gross Gamma
Radium 226, Dissolved
Radium 228, Dissolved
Thorium, Isotopic
SPLP Extraction, Regular

C07070359-023 P4-DH1-001

07/03/07 11:30 06/27/07 Soil

Metals by ICP/ICPMS, Total
DTPA extractable metals
Saturated Paste Electrical Conductivity
Arsenic, DTPA Extractable
Mercury, Total
Selenium, DTPA Extractable
Metals, NaHCO₃ Extractable
Metals, Soluble
Nitrate+Nitrite as N, KCL Extract
Organic Carbon
Soluble Metals from Paste
Saturation Percentage
Saturated Paste pH
Percent Moisture
Digestion, Total Metals
ABDTPA Soil Extraction
CVAA Permanganate Digest
DTPA extraction for metals
KCL Soil Extract
NaHCO₃ Soil Extract
Particle Size Analysis / Texture Prep
Saturated Paste
Total Organic Carbon Prep
Particle Size Analysis / Texture
Sodium Adsorption Ratio in Soil

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:


ROGER GARLING
LABORATORY SUPERVISOR



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-001
Client Sample ID: P4-DH5-001

Report Date: 08/10/07
Collection Date: 07/06/07 09:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.25	mmhos/cm		0.01		ASAM10-3	07/18/07 08:34 / jb
Saturation Percentage	43.6	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	6.3	s.u.		0.01		ASAM10-3.2	07/18/07 08:34 / jb
Nitrogen, Nitrate+Nitrite as N	6.5	mg/kg-dry		1.0		E353.2	07/20/07 10:11 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	5.8	mg/kg-dry		1.0		SW6010B	07/24/07 16:46 / sec
Sulfate, soluble	1060	mg/kg-dry		0.10		SW6010B	07/24/07 16:46 / sec
Calcium, sat. paste	25	meq/L		0.02		SW6010B	07/23/07 17:13 / ts
Magnesium, sat. paste	24	meq/L		0.04		SW6010B	07/23/07 17:13 / ts
Sodium, sat. paste	9.6	meq/L		0.02		SW6010B	07/23/07 17:00 / ts
Sodium Adsorption Ratio (SAR)	1.95	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	8.0	%		0.1		USDA26	07/11/07 14:27 / dcj
METALS - TOTAL							
Chromium	10.2	mg/kg-dry	D	0.06		SW6020	07/17/07 16:32 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:45 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.031	mg/kg-dry		0.005		A3114 B	07/20/07 13:23 / kes
Selenium	0.009	mg/kg-dry		0.005		A3114 B	07/20/07 10:43 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 19:01 / sml
Copper	0.8	mg/kg-dry	D	0.6		SW6020	07/23/07 19:01 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 19:01 / sml
Zinc	1.35	mg/kg-dry		0.01		SW6020	07/23/07 19:01 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	7	mg/kg-dry		5		SW6010B	07/18/07 22:33 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	58	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	19	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	23	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	SCL			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	55	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-001
Client Sample ID: P4-DH5-001

Report Date: 08/10/07
Collection Date: 07/06/07 09:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.39	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-002
Client Sample ID: P4-DH5-007

Report Date: 08/10/07
Collection Date: 07/06/07 10:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	37.6	mg/kg-dry	D	0.03		SW6020	07/19/07 20:58 / bws
RADIONUCLIDES - GAMMA							
Radium 226	7.9	pCi/g-dry		1.0	E901.1		08/01/07 05:15 / dpb
Radium 226 precision (±)	0.5	pCi/g-dry			E901.1		08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	62.6	pCi/g-dry		2.0	E900.0		07/18/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry			E900.0		07/18/07 10:00 / res
Thorium 230	4.1	pCi/g-dry		0.2	E907.0		07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry			E907.0		07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-001
Client Sample ID: P4-DH5-001

Report Date: 08/10/07
Collection Date: 07/06/07 09:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.25	mmhos/cm		0.01	ASAM10-3		07/18/07 08:34 / jb
Saturation Percentage	43.6	%		0.1	USDA27a		07/18/07 13:29 / jb
pH, sat. paste	6.3	s.u.		0.01	ASAM10-3.2		07/18/07 08:34 / jb
Nitrogen, Nitrate+Nitrite as N	6.5	mg/kg-dry		1.0	E353.2		07/20/07 10:11 / jal
Chloride, soluble	ND	mg/kg-dry		5.0	SW6010B		07/24/07 16:46 / sec
Potassium, soluble	5.8	mg/kg-dry		1.0	SW6010B		07/24/07 16:46 / sec
Sulfate, soluble	1060	mg/kg-dry		0.10	SW6010B		07/24/07 16:46 / sec
Calcium, sat. paste	25	meq/L		0.02	SW6010B		07/23/07 17:13 / ts
Magnesium, sat. paste	24	meq/L		0.04	SW6010B		07/23/07 17:13 / ts
Sodium, sat. paste	9.6	meq/L		0.02	SW6010B		07/23/07 17:00 / ts
Sodium Adsorption Ratio (SAR)	1.95	unitless		0.01	Calculation		07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	8.0	%		0.1	USDA26		07/11/07 14:27 / dcj
METALS - TOTAL							
Chromium	10.2	mg/kg-dry	D	0.06	SW6020		07/17/07 16:32 / sml
Mercury	ND	mg/kg-dry		0.05	SW7471A		07/18/07 12:45 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.031	mg/kg-dry		0.005	A3114 B		07/20/07 13:23 / kes
Selenium	0.009	mg/kg-dry		0.005	A3114 B		07/20/07 10:43 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3	SW6020		07/23/07 19:01 / sml
Copper	0.8	mg/kg-dry	D	0.6	SW6020		07/23/07 19:01 / sml
Nickel	ND	mg/kg-dry	D	3	SW6020		07/23/07 19:01 / sml
Zinc	1.35	mg/kg-dry		0.01	SW6020		07/23/07 19:01 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	7	mg/kg-dry		5	SW6010B		07/18/07 22:33 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	58	%		1.0	ASA15-5		07/20/07 17:02 / jb
Silt	19	%		1.0	ASA15-5		07/20/07 17:02 / jb
Clay	23	%		1.0	ASA15-5		07/20/07 17:02 / jb
Texture	SCL			1.0	ASA15-5		07/20/07 17:02 / jb
Coarse Fragments	55	%		1.0	ASA15-5		07/20/07 17:02 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-001
Client Sample ID: P4-DH5-001

Report Date: 08/10/07
Collection Date: 07/06/07 09:45
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.39	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-002
Client Sample ID: P4-DH5-007

Report Date: 08/10/07
Collection Date: 07/06/07 10:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	37.6	mg/kg-dry	D	0.03		SW6020	07/19/07 20:58 / bws
RADIONUCLIDES - GAMMA							
Radium 226	7.9	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.5	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	62.6	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	4.1	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-003
Client Sample ID: P4-DH5-016

Report Date: 08/10/07
Collection Date: 07/06/07 11:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	2.9	mg/L		0.2		E200.7	07/24/07 14:20 / ts
Magnesium	0.49	mg/L	D	0.04		E200.7	07/24/07 14:20 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 14:20 / ts
Sodium	18	mg/L		5		E200.7	07/24/07 14:20 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	1.5	mg/L		0.1		E200.8	07/22/07 19:36 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/22/07 19:36 / bws
Barium	ND	mg/L		0.01		E200.8	07/22/07 19:36 / bws
Lead	0.07	mg/L		0.04		E200.8	07/22/07 19:36 / bws
Manganese	ND	mg/L		0.01		E200.8	07/22/07 19:36 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 19:36 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/22/07 19:36 / bws
Uranium	0.0215	mg/L		0.0001		E200.8	07/22/07 19:36 / bws
Vanadium	0.007	mg/L		0.005		E200.8	07/22/07 19:36 / bws
METALS - TOTAL							
Uranium	43.5	mg/kg-dry	D	0.03		SW6020	07/19/07 21:02 / bws
RADIONUCLIDES - GAMMA							
Radium 226	12.7	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	33.1	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	1.7	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	ND	pCi/L		1.0		E903.0	07/28/07 06:27 / plj
Radium 228	3.3	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	57.8	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	11	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-004
Client Sample ID: P3-DH8-001

Report Date: 08/10/07
Collection Date: 07/06/07 16:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.35	mmhos/cm		0.01		ASAM10-3	07/18/07 08:34 / jb
Saturation Percentage	32.5	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	7.2	s.u.		0.01		ASAM10-3.2	07/18/07 08:34 / jb
Nitrogen, Nitrate+Nitrite as N	2.1	mg/kg-dry		1.0		E353.2	07/20/07 10:13 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	4.0	mg/kg-dry		1.0		SW6010B	07/24/07 16:46 / sec
Sulfate, soluble	204	mg/kg-dry		0.10		SW6010B	07/24/07 16:46 / sec
Calcium, sat. paste	9.8	meq/L		0.02		SW6010B	07/23/07 17:16 / ts
Magnesium, sat. paste	4.7	meq/L		0.04		SW6010B	07/23/07 17:16 / ts
Sodium, sat. paste	1.1	meq/L		0.02		SW6010B	07/23/07 17:16 / ts
Sodium Adsorption Ratio (SAR)	0.39	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	4.1	%		0.1		USDA26	07/11/07 14:28 / dcj
METALS - TOTAL							
Chromium	2.7	mg/kg-dry	D	0.07		SW6020	07/17/07 16:37 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:47 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.018	mg/kg-dry		0.005		A3114 B	07/20/07 13:25 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/20/07 10:46 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 19:06 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/23/07 19:06 / sml
Nickel	ND	mg/kg-dry	D	0.9		SW6020	07/23/07 19:06 / sml
Zinc	1.45	mg/kg-dry		0.01		SW6020	07/23/07 19:06 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/18/07 22:37 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	83	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	5.0	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	12	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	LS			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	18	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-004
Client Sample ID: P3-DH8-001

Report Date: 08/10/07
Collection Date: 07/06/07 16:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.05	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-005
Client Sample ID: P3-DH8-005

Report Date: 08/10/07
Collection Date: 07/06/07 16:47
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	1.7	mg/L		0.2		E200.7	07/24/07 14:49 / ts
Magnesium	0.58	mg/L	D	0.04		E200.7	07/24/07 14:49 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 14:49 / ts
Sodium	6	mg/L		5		E200.7	07/24/07 14:49 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/22/07 19:42 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/22/07 19:42 / bws
Barium	0.01	mg/L		0.01		E200.8	07/22/07 19:42 / bws
Lead	ND	mg/L		0.04		E200.8	07/22/07 19:42 / bws
Manganese	ND	mg/L		0.01		E200.8	07/22/07 19:42 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 19:42 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/22/07 19:42 / bws
Uranium	0.0009	mg/L		0.0001		E200.8	07/22/07 19:42 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/22/07 19:42 / bws
METALS - TOTAL							
Uranium	27.4	mg/kg-dry	D	0.03		SW6020	07/19/07 21:06 / bws
RADIONUCLIDES - GAMMA							
Radium 226	11.9	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.7	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	3.3	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	ND	pCi/L		1.0		E903.0	07/28/07 07:27 / plj
Radium 228	5.4	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	69.6	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.6	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	7.6	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-006
Client Sample ID: P3-DH8-007

Report Date: 08/10/07
Collection Date: 07/06/07 16:57
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	70.7	mg/kg-dry	D	0.03		SW6020	07/19/07 21:10 / bws
RADIONUCLIDES - GAMMA							
Radium 226	15.1	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.9	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	89.3	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.8	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	7.6	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-007
Client Sample ID: P3-DH8-301

Report Date: 08/10/07
Collection Date: 07/06/07 17:07
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	71.7	mg/kg-dry	D	0.03		SW6020	07/19/07 21:31 / bws
RADIONUCLIDES - GAMMA							
Radium 226	16.1	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	79.6	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.8	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	6.0	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-008
Client Sample ID: P4-DH3-004

Report Date: 08/10/07
Collection Date: 07/01/07 11:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	25.0	mg/L		0.2		E200.7	07/24/07 15:02 / ts
Magnesium	10.4	mg/L	D	0.04		E200.7	07/24/07 15:02 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 15:02 / ts
Sodium	12	mg/L		5		E200.7	07/24/07 15:02 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.5	mg/L		0.1		E200.8	07/22/07 19:49 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/22/07 19:49 / bws
Barium	0.03	mg/L		0.01		E200.8	07/22/07 19:49 / bws
Lead	ND	mg/L		0.04		E200.8	07/22/07 19:49 / bws
Manganese	0.53	mg/L		0.01		E200.8	07/22/07 19:49 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 19:49 / bws
Selenium	0.003	mg/L	D	0.002		E200.8	07/22/07 19:49 / bws
Uranium	0.0651	mg/L		0.0001		E200.8	07/22/07 19:49 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/22/07 19:49 / bws
METALS - TOTAL							
Uranium	17.2	mg/kg-dry	D	0.03		SW6020	07/19/07 21:35 / bws
RADIONUCLIDES - GAMMA							
Radium 226	6.7	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.5	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	56.2	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	2.1	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	9.2	pCi/L		1.0		E903.0	07/28/07 08:27 / plj
Radium 226 precision (±)	1.2	pCi/L				E903.0	07/28/07 08:27 / plj
Radium 228	3.1	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	37.5	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.2	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	3.8	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-009
Client Sample ID: P4-DH3-005

Report Date: 08/10/07
Collection Date: 07/01/07 11:15
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	11.5	mg/kg-dry	D	0.03		SW6020	07/19/07 21:39 / bws
RADIONUCLIDES - GAMMA							
Radium 226	3.2	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	30.4	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	1.1	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	0.9	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.2	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-010
Client Sample ID: P4-DH3-300

Report Date: 08/10/07
Collection Date: 07/01/07 11:25
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	8.70	mg/kg-dry	D	0.03		SW6020	07/19/07 21:43 / bws
RADIONUCLIDES - GAMMA							
Radium 226	2.5	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.3	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	19.2	pCi/g-dry		2.0		E900.0	07/18/07 10:00 / res
Gross Alpha precision (±)	0.9	pCi/g-dry				E900.0	07/18/07 10:00 / res
Thorium 230	1.4	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.2	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-011
Client Sample ID: P4-DH1-015

Report Date: 08/10/07
Collection Date: 07/03/07 13:35
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	68.8	mg/L		0.2		E200.7	07/24/07 15:15 / ts
Magnesium	19.1	mg/L	D	0.06		E200.7	07/24/07 15:15 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 15:15 / ts
Sodium	13	mg/L		5		E200.7	07/24/07 15:15 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/22/07 19:56 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/22/07 19:56 / bws
Barium	ND	mg/L		0.01		E200.8	07/22/07 19:56 / bws
Lead	ND	mg/L		0.04		E200.8	07/22/07 19:56 / bws
Manganese	0.07	mg/L		0.01		E200.8	07/22/07 19:56 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 19:56 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/22/07 19:56 / bws
Uranium	0.0473	mg/L		0.0001		E200.8	07/22/07 19:56 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/22/07 19:56 / bws
METALS - TOTAL							
Uranium	36.5	mg/kg-dry	D	0.03		SW6020	07/19/07 21:47 / bws
RADIONUCLIDES - GAMMA							
Radium 226	20.0	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	43.1	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	1.6	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	3.5	pCi/L		1.0		E903.0	07/28/07 09:28 / plj
Radium 226 precision (±)	0.7	pCi/L				E903.0	07/28/07 09:28 / plj
Radium 228	4.3	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.9	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	63.6	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	4.4	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.3	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-012
Client Sample ID: P4-DH1-013

Report Date: 08/10/07
Collection Date: 07/03/07 13:10
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	5.53	mg/kg-dry	D	0.03		SW6020	07/19/07 21:51 / bws
RADIONUCLIDES - GAMMA							
Radium 226	3.3	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.5	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	16.5	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	0.8	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	0.5	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.1	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-013
Client Sample ID: P4-DH4-014

Report Date: 08/10/07
Collection Date: 07/04/07 10:04
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	2.1	mg/L		0.2		E200.7	07/24/07 15:18 / ts
Magnesium	0.29	mg/L	D	0.06		E200.7	07/24/07 15:18 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 15:18 / ts
Sodium	18	mg/L		5		E200.7	07/24/07 15:18 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/22/07 20:03 / bws
Arsenic	0.002	mg/L		0.001		E200.8	07/22/07 20:03 / bws
Barium	ND	mg/L		0.01		E200.8	07/22/07 20:03 / bws
Lead	ND	mg/L		0.04		E200.8	07/22/07 20:03 / bws
Manganese	ND	mg/L		0.01		E200.8	07/22/07 20:03 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 20:03 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/22/07 20:03 / bws
Uranium	0.0870	mg/L		0.0001		E200.8	07/22/07 20:03 / bws
Vanadium	0.006	mg/L		0.005		E200.8	07/22/07 20:03 / bws
METALS - TOTAL							
Uranium	125	mg/kg-dry	D	0.03		SW6020	07/19/07 21:56 / bws
RADIONUCLIDES - GAMMA							
Radium 226	47.7	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	3.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	133	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	3.3	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	3.9	pCi/L		1.0		E903.0	07/28/07 10:28 / plj
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/28/07 10:28 / plj
Radium 228	3.1	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	115	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	2.1	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	21	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	1.1	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-014
Client Sample ID: P4-DH4-012

Report Date: 08/10/07
Collection Date: 07/04/07 09:46
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	32.2	mg/kg-dry	D	0.03		SW6020	07/19/07 22:00 / bws
RADIONUCLIDES - GAMMA							
Radium 226	20.7	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	1.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	50.3	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	1.4	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	6.4	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-015
Client Sample ID: P4-DH6-007

Report Date: 08/10/07
Collection Date: 07/04/07 14:44
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	49.9	mg/kg-dry	D	0.03		SW6020	07/19/07 22:04 / bws
RADIONUCLIDES - GAMMA							
Radium 226	24.9	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	2.1	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	56.7	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	1.5	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	6.9	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-016
Client Sample ID: P4-DH6-008

Report Date: 08/10/07
Collection Date: 07/04/07 14:52
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	32.2	mg/L		0.2		E200.7	07/24/07 15:22 / ts
Magnesium	8.89	mg/L	D	0.04		E200.7	07/24/07 15:22 / ts
Potassium	ND	mg/L		3		E200.7	07/24/07 15:22 / ts
Sodium	21	mg/L		5		E200.7	07/24/07 15:22 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1		E200.8	07/22/07 20:09 / bws
Arsenic	ND	mg/L		0.001		E200.8	07/22/07 20:09 / bws
Barium	0.01	mg/L		0.01		E200.8	07/22/07 20:09 / bws
Lead	ND	mg/L		0.04		E200.8	07/22/07 20:09 / bws
Manganese	0.38	mg/L		0.01		E200.8	07/22/07 20:09 / bws
Molybdenum	ND	mg/L		0.001		E200.8	07/22/07 20:09 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/22/07 20:09 / bws
Uranium	0.0016	mg/L		0.0001		E200.8	07/22/07 20:09 / bws
Vanadium	ND	mg/L		0.005		E200.8	07/22/07 20:09 / bws
METALS - TOTAL							
Uranium	84.8	mg/kg-dry	D	0.02		SW6020	07/19/07 22:24 / bws
RADIONUCLIDES - GAMMA							
Radium 226	29.8	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	2.4	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	10.6	pCi/L		1.0		E900.0	07/29/07 06:00 / res
Gross Alpha precision (±)	0.9	pCi/L				E900.0	07/29/07 06:00 / res
Radium 226	4.9	pCi/L		1.0		E903.0	07/28/07 11:29 / plj
Radium 226 precision (±)	0.8	pCi/L				E903.0	07/28/07 11:29 / plj
Radium 228	1.9	pCi/L		1.4		RA-05	07/23/07 09:28 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	07/23/07 09:28 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	79.2	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	1.7	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	10	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.6	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-017
Client Sample ID: P4-DH4-001

Report Date: 08/10/07
Collection Date: 07/04/07 08:34
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.19	mmhos/cm		0.01		ASAM10-3	07/18/07 08:35 / jb
Saturation Percentage	41.7	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	5.7	s.u.		0.01		ASAM10-3.2	07/18/07 08:35 / jb
Nitrogen, Nitrate+Nitrite as N	4.1	mg/kg-dry		1.0		E353.2	07/20/07 10:16 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	6.1	mg/kg-dry		1.0		SW6010B	07/24/07 16:46 / sec
Sulfate, soluble	786	mg/kg-dry		0.10		SW6010B	07/24/07 16:46 / sec
Calcium, sat. paste	29	meq/L		0.02		SW6010B	07/23/07 17:23 / ts
Magnesium, sat. paste	13	meq/L		0.04		SW6010B	07/23/07 17:23 / ts
Sodium, sat. paste	1.3	meq/L		0.02		SW6010B	07/23/07 17:20 / ts
Sodium Adsorption Ratio (SAR)	0.29	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	6.6	%		0.1		USDA26	07/11/07 14:29 / dcj
METALS - TOTAL							
Chromium	7.7	mg/kg-dry	D	0.06		SW6020	07/17/07 14:33 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:49 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.027	mg/kg-dry		0.005		A3114 B	07/20/07 13:27 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/20/07 10:48 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 19:31 / sml
Copper	0.7	mg/kg-dry	D	0.6		SW6020	07/23/07 19:31 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 19:31 / sml
Zinc	1.90	mg/kg-dry		0.01		SW6020	07/23/07 19:31 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	5	mg/kg-dry		5		SW6010B	07/18/07 22:40 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	68	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	12	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	20	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	SL - SCL			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	23	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-017
Client Sample ID: P4-DH4-001

Report Date: 08/10/07
Collection Date: 07/04/07 08:34
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.29	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-018
Client Sample ID: P4-DH6-001

Report Date: 08/10/07
Collection Date: 07/04/07 14:09
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.78	mmhos/cm		0.01		ASAM10-3	07/18/07 08:36 / jb
Saturation Percentage	41.1	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	7.2	s.u.		0.01		ASAM10-3.2	07/18/07 08:36 / jb
Nitrogen, Nitrate+Nitrite as N	2.7	mg/kg-dry		1.0		E353.2	07/20/07 10:36 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	6.6	mg/kg-dry		1.0		SW6010B	07/24/07 16:46 / sec
Sulfate, soluble	965	mg/kg-dry		0.10		SW6010B	07/24/07 16:46 / sec
Calcium, sat. paste	27	meq/L		0.02		SW6010B	07/23/07 17:30 / ts
Magnesium, sat. paste	19	meq/L		0.04		SW6010B	07/23/07 17:30 / ts
Sodium, sat. paste	5.8	meq/L		0.02		SW6010B	07/23/07 17:26 / ts
Sodium Adsorption Ratio (SAR)	1.21	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	5.0	%		0.1		USDA26	07/11/07 14:30 / dcj
METALS - TOTAL							
Chromium	12.1	mg/kg-dry	D	0.06		SW6020	07/17/07 14:38 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:51 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.040	mg/kg-dry		0.005		A3114 B	07/20/07 13:29 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/20/07 10:50 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	0.06	mg/kg-dry	D	0.03		SW6020	07/23/07 19:35 / sml
Copper	0.40	mg/kg-dry	D	0.06		SW6020	07/23/07 19:35 / sml
Nickel	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 19:35 / sml
Zinc	2.36	mg/kg-dry		0.01		SW6020	07/23/07 19:35 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	5	mg/kg-dry		5		SW6010B	07/18/07 22:43 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	55	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	22	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	23	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	SCL			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	53	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-018
Client Sample ID: P4-DH6-001

Report Date: 08/10/07
Collection Date: 07/04/07 14:09
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.32	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-019
Client Sample ID: P4-DH3-001

Report Date: 08/10/07
Collection Date: 07/01/07 10:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.80	mmhos/cm		0.01		ASAM10-3	07/18/07 08:37 / jb
Saturation Percentage	34.5	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	7.8	s.u.		0.01		ASAM10-3.2	07/18/07 08:37 / jb
Nitrogen, Nitrate+Nitrite as N	2.1	mg/kg-dry		1.0		E353.2	07/20/07 10:38 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/24/07 16:46 / sec
Potassium, soluble	4.4	mg/kg-dry		1.0		SW6010B	07/24/07 16:46 / sec
Sulfate, soluble	116	mg/kg-dry		0.10		SW6010B	07/24/07 16:46 / sec
Calcium, sat. paste	5.2	meq/L		0.02		SW6010B	07/23/07 17:40 / ts
Magnesium, sat. paste	1.5	meq/L		0.04		SW6010B	07/23/07 17:40 / ts
Sodium, sat. paste	1.4	meq/L		0.02		SW6010B	07/23/07 17:40 / ts
Sodium Adsorption Ratio (SAR)	0.79	unitless		0.01		Calculation	07/24/07 12:54 / sec
PHYSICAL PROPERTIES							
Moisture	4.2	%		0.1		USDA26	07/11/07 14:31 / dcj
METALS - TOTAL							
Chromium	3.6	mg/kg-dry	D	0.06		SW6020	07/17/07 14:43 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:54 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.054	mg/kg-dry		0.005		A3114 B	07/20/07 13:31 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/20/07 10:52 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 19:55 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/23/07 19:55 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 19:55 / sml
Zinc	1.15	mg/kg-dry		0.01		SW6020	07/23/07 19:55 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/18/07 22:47 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	73	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	12	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	15	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	SL			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	26	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-019
Client Sample ID: P4-DH3-001

Report Date: 08/10/07
Collection Date: 07/01/07 10:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.07	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-020
Client Sample ID: P4-DH2-001

Report Date: 08/10/07
Collection Date: 07/02/07 12:31
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	3.29	mmhos/cm		0.01		ASAM10-3	07/18/07 08:37 / jb
Saturation Percentage	42.2	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	7.7	s.u.		0.01		ASAM10-3.2	07/18/07 08:37 / jb
Nitrogen, Nitrate+Nitrite as N	2.4	mg/kg-dry		1.0		E353.2	07/20/07 10:41 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/26/07 14:46 / sec
Potassium, soluble	5.6	mg/kg-dry		1.0		SW6010B	07/26/07 14:46 / sec
Sulfate, soluble	886	mg/kg-dry		0.10		SW6010B	07/26/07 14:46 / sec
Calcium, sat. paste	28	meq/L		0.02		SW6010B	07/24/07 16:05 / ts
Magnesium, sat. paste	15	meq/L		0.04		SW6010B	07/24/07 16:05 / ts
Sodium, sat. paste	3.0	meq/L		0.02		SW6010B	07/24/07 15:56 / ts
Sodium Adsorption Ratio (SAR)	0.65	unitless		0.01		Calculation	07/25/07 16:16 / sec
PHYSICAL PROPERTIES							
Moisture	3.5	%		0.1		USDA26	07/11/07 14:32 / dcj
METALS - TOTAL							
Chromium	14.3	mg/kg-dry	D	0.06		SW6020	07/17/07 15:08 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:56 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.041	mg/kg-dry		0.005		A3114 B	07/20/07 13:33 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/20/07 10:54 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 20:00 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	07/23/07 20:00 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	07/23/07 20:00 / sml
Zinc	6.46	mg/kg-dry		0.01		SW6020	07/23/07 20:00 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/18/07 22:50 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	45	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	32	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	23	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	L			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	18	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-020
Client Sample ID: P4-DH2-001

Report Date: 08/10/07
Collection Date: 07/02/07 12:31
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.24	%		0.02		ASA29-3	07/13/07 08:46 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-021
Client Sample ID: P4-DH2-010

Report Date: 08/10/07
Collection Date: 07/02/07 13:55
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	36.1	mg/kg-dry	D	0.03		SW6020	07/19/07 22:57 / bws
RADIONUCLIDES - GAMMA							
Radium 226	7.9	pCi/g-dry		1.0		E901.1	08/01/07 05:15 / dpb
Radium 226 precision (±)	0.8	pCi/g-dry				E901.1	08/01/07 05:15 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	39.0	pCi/g-dry		2.0		E900.0	07/20/07 10:00 / res
Gross Alpha precision (±)	1.2	pCi/g-dry				E900.0	07/20/07 10:00 / res
Thorium 230	5.7	pCi/g-dry		0.2		E907.0	07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-022
Client Sample ID: P4-DH2-011

Report Date: 08/10/07
Collection Date: 07/02/07 14:04
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	6.0	mg/L		0.2	E200.7		07/24/07 15:25 / ts
Magnesium	1.60	mg/L	D	0.04	E200.7		07/24/07 15:25 / ts
Potassium	ND	mg/L		3	E200.7		07/24/07 15:25 / ts
Sodium	22	mg/L		5	E200.7		07/24/07 15:25 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1	E200.8		07/22/07 20:16 / bws
Arsenic	ND	mg/L		0.001	E200.8		07/22/07 20:16 / bws
Barium	ND	mg/L		0.01	E200.8		07/22/07 20:16 / bws
Lead	0.05	mg/L		0.04	E200.8		07/22/07 20:16 / bws
Manganese	0.04	mg/L		0.01	E200.8		07/22/07 20:16 / bws
Molybdenum	ND	mg/L		0.001	E200.8		07/22/07 20:16 / bws
Selenium	ND	mg/L	D	0.002	E200.8		07/22/07 20:16 / bws
Uranium	0.0005	mg/L		0.0001	E200.8		07/22/07 20:16 / bws
Vanadium	0.005	mg/L		0.005	E200.8		07/22/07 20:16 / bws
METALS - TOTAL							
Uranium	69.9	mg/kg-dry	D	0.03	SW6020		07/19/07 23:18 / bws
RADIONUCLIDES - GAMMA							
Radium 226	17.7	pCi/g-dry		1.0	E901.1		08/01/07 05:15 / dpb
Radium 226 precision (±)	1.6	pCi/g-dry			E901.1		08/01/07 05:15 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	2.7	pCi/L		1.0	E900.0		07/29/07 06:00 / res
Gross Alpha precision (±)	0.6	pCi/L			E900.0		07/29/07 06:00 / res
Radium 226	ND	pCi/L		1.0	E903.0		07/28/07 12:29 / plj
Radium 228	ND	pCi/L		1.4	RA-05		07/23/07 07:51 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	98.4	pCi/g-dry		2.0	E900.0		07/20/07 10:00 / res
Gross Alpha precision (±)	1.9	pCi/g-dry			E900.0		07/20/07 10:00 / res
Thorium 230	15	pCi/g-dry		0.2	E907.0		07/26/07 15:00 / dmf
Thorium 230 precision (±)	0.6	pCi/g-dry			E907.0		07/26/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-023
Client Sample ID: P4-DH1-001

Report Date: 08/10/07
Collection Date: 07/03/07 11:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.49	mmhos/cm		0.01		ASAM10-3	07/18/07 08:38 / jb
Saturation Percentage	43.2	%		0.1		USDA27a	07/18/07 13:29 / jb
pH, sat. paste	6.2	s.u.		0.01		ASAM10-3.2	07/18/07 08:38 / jb
Nitrogen, Nitrate+Nitrite as N	4.1	mg/kg-dry		1.0		E353.2	07/20/07 10:43 / jal
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/26/07 14:46 / sec
Potassium, soluble	3.5	mg/kg-dry		1.0		SW6010B	07/26/07 14:46 / sec
Sulfate, soluble	1160	mg/kg-dry		0.10		SW6010B	07/26/07 14:46 / sec
Calcium, sat. paste	27	meq/L		0.02		SW6010B	07/24/07 16:33 / ts
Magnesium, sat. paste	35	meq/L		0.04		SW6010B	07/24/07 16:33 / ts
Sodium, sat. paste	4.2	meq/L		0.02		SW6010B	07/24/07 16:30 / ts
Sodium Adsorption Ratio (SAR)	0.76	unitless		0.01		Calculation	07/25/07 16:16 / sec
PHYSICAL PROPERTIES							
Moisture	7.6	%		0.1		USDA26	07/11/07 14:33 / dcj
METALS - TOTAL							
Chromium	13.0	mg/kg-dry	D	0.06		SW6020	07/17/07 15:12 / sml
Mercury	ND	mg/kg-dry		0.05		SW7471A	07/18/07 12:58 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.152	mg/kg-dry		0.005		A3114 B	07/20/07 13:35 / kes
Selenium	0.007	mg/kg-dry		0.005		A3114 B	07/20/07 10:57 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	07/23/07 20:05 / sml
Copper	1.4	mg/kg-dry	D	0.5		SW6020	07/23/07 20:05 / sml
Nickel	1.3	mg/kg-dry	D	0.9		SW6020	07/23/07 20:05 / sml
Zinc	2.12	mg/kg-dry		0.01		SW6020	07/23/07 20:05 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	9	mg/kg-dry		5		SW6010B	07/18/07 22:53 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	57	%		1.0		ASA15-5	07/20/07 17:02 / jb
Silt	19	%		1.0		ASA15-5	07/20/07 17:02 / jb
Clay	24	%		1.0		ASA15-5	07/20/07 17:02 / jb
Texture	SCL			1.0		ASA15-5	07/20/07 17:02 / jb
Coarse Fragments	41	%		1.0		ASA15-5	07/20/07 17:02 / jb

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Lab ID: C07070359-023
Client Sample ID: P4-DH1-001

Report Date: 08/10/07
Collection Date: 07/03/07 11:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.28	%		0.02		ASA29-3	07/13/07 08:49 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/10/07
Work Order: C07070359

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3114 B									Batch: 15291
Sample ID: MB-15291	Method Blank								Run: CVAA-C202_070720B 07/20/07 10:39
Selenium	ND	mg/kg-dry	0.001						
Sample ID: C07070359-023DDUP	Sample Duplicate								Run: CVAA-C202_070720B 07/20/07 10:59
Selenium	0.00667	mg/kg-dry	0.0050				2.1	10	
Sample ID: C07070359-001DMS	Sample Matrix Spike								Run: CVAA-C202_070720B 07/20/07 11:01
Selenium	0.236	mg/kg-dry	0.0050	114	85	115			
Sample ID: C07070359-001DMSD	Sample Matrix Spike Duplicate								Run: CVAA-C202_070720B 07/20/07 11:03
Selenium	0.240	mg/kg-dry	0.0050	116	85	115	1.7	10	
Sample ID: MB-15291	Method Blank								Run: CVAA-C202_070720C 07/20/07 13:19
Arsenic	0.002	mg/kg-dry	0.001						
Sample ID: C07070359-023DDUP	Sample Duplicate								Run: CVAA-C202_070720C 07/20/07 13:37
Arsenic	0.157	mg/kg-dry	0.0050				3.4	10	
Sample ID: C07070359-001DMS	Sample Matrix Spike								Run: CVAA-C202_070720C 07/20/07 13:40
Arsenic	0.242	mg/kg	0.0050	106	85	115			
Sample ID: C07070359-001DMSD	Sample Matrix Spike Duplicate								Run: CVAA-C202_070720C 07/20/07 13:42
Arsenic	0.243	mg/kg	0.0050	106	85	115	0.2	10	
Method: ASA15-5									Batch: 15339
Sample ID: LCS-15339	Laboratory Control Sample								Run: PSA_070720A 07/20/07 17:02
Sand	28	%	1.0	77	85	115			S
Silt	36	%	1.0	122	85	115			S
Clay	36	%	1.0	105	85	115			
Sample ID: C07070359-023IDUP	Sample Duplicate								Run: PSA_070720A 07/20/07 17:02
Sand	58	%	1.0				1.7	20	
Silt	18	%	1.0				5.4	20	
Clay	24	%	1.0				0.0	20	
Texture	ND		1.0						
Method: ASA29-3									Batch: 15204
Sample ID: MBLK-15204	Method Blank								Run: HACH DR3000_070713A 07/13/07 08:43
Organic Carbon, Total (TOC)	ND	%	0.02						
Sample ID: LCS-15204	Laboratory Control Sample								Run: HACH DR3000_070713A 07/13/07 08:43
Organic Carbon, Total (TOC)	0.86	%	0.10	78	70	120			

Qualifiers:

RL - Analyte reporting limit.

S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.



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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASAM10-3 Batch: 15285									
Sample ID: LCS-15285	Laboratory Control Sample				Run: COND1-C_070718A				07/18/07 08:30
Conductivity, paste extract	3.92	mmhos/cm	0.010	103	80	120			
Sample ID: C07070359-023CDUP	Sample Duplicate				Run: COND1-C_070718A				07/18/07 08:39
Conductivity, paste extract	4.55	mmhos/cm	0.010				1.3	20	
Method: ASAM10-3.2 Batch: 15285									
Sample ID: LCS-15285	Laboratory Control Sample				Run: COND1-C_070718A				07/18/07 08:30
pH, sat. paste	6.9	s.u.	0.10	100	80	120			
Sample ID: C07070359-023CDUP	Sample Duplicate				Run: COND1-C_070718A				07/18/07 08:39
pH, sat. paste	6.2	s.u.	0.10				0.2	20	
Method: ASAM10-3.2 Analytical Run: COND1-C_070718A									
Sample ID: CCV-A0707180824	Continuing Calibration Verification Standard								07/18/07 08:29
pH, sat. paste	7.0	s.u.	0.10	100	90	110			
Method: E200.7 Batch: 15210									
Sample ID: MB-15210	Method Blank				Run: ICP1-C_070724A				07/24/07 14:13
Calcium	0.6	mg/L	0.04						
Magnesium	0.06	mg/L	0.04						
Potassium	0.1	mg/L	0.08						
Sodium	4	mg/L	0.06						
Sample ID: C07070359-005AMS	Sample Matrix Spike				Run: ICP1-C_070724A				07/24/07 14:55
Calcium	505	mg/L	0.50	101	70	130			
Magnesium	506	mg/L	0.50	101	70	130			
Potassium	476	mg/L	0.80	95	70	130			
Sodium	491	mg/L	0.63	96	70	130			
Sample ID: C07070359-005AMSD	Sample Matrix Spike Duplicate				Run: ICP1-C_070724A				07/24/07 14:59
Calcium	498	mg/L	0.50	99	70	130	1.4	20	
Magnesium	500	mg/L	0.50	100	70	130	1.2	20	
Potassium	475	mg/L	0.80	95	70	130	0.1	20	
Sodium	491	mg/L	0.63	96	70	130	0.1	20	
Sample ID: LFB-ICP25304	Laboratory Fortified Blank				Run: ICP1-C_070724A				07/24/07 21:21
Calcium	47.9	mg/L	0.50	96	85	125			
Magnesium	49.8	mg/L	0.50	100	85	125			
Potassium	46.6	mg/L	0.50	93	85	125			
Sodium	48.1	mg/L	0.50	95	85	125			

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									
Batch: 15210									
Sample ID: LFB	Laboratory Fortified Blank				Run: ICPMS2-C_070722A		07/22/07 16:27		
Aluminum	0.0556	mg/L	0.0010	111	85	115			
Arsenic	0.0537	mg/L	0.0010	107	85	115			
Barium	0.0531	mg/L	0.0010	106	85	115			
Lead	0.0537	mg/L	0.0010	107	85	115			
Manganese	0.0540	mg/L	0.0010	108	85	115			
Molybdenum	0.0530	mg/L	0.0010	106	85	115			
Selenium	0.0544	mg/L	0.0010	109	85	115			
Uranium	0.0522	mg/L	0.00030	104	85	115			
Vanadium	0.0541	mg/L	0.0010	108	85	115			
Sample ID: MB-15210	Method Blank				Run: ICPMS2-C_070722A		07/22/07 19:29		
Aluminum	0.02	mg/L	0.0001						
Arsenic	ND	mg/L	6E-05						
Barium	0.002	mg/L	3E-05						
Lead	0.0002	mg/L	3E-05						
Manganese	0.002	mg/L	5E-05						
Molybdenum	ND	mg/L	5E-05						
Selenium	ND	mg/L	0.0002						
Uranium	0.0008	mg/L	1E-05						
Vanadium	ND	mg/L	3E-05						
Sample ID: C07070359-022AMS4	Post Digestion Spike				Run: ICPMS2-C_070722A		07/22/07 20:50		
Aluminum	0.554	mg/L	0.10	107	70	130			
Arsenic	0.532	mg/L	0.0010	106	70	130			
Barium	0.525	mg/L	0.10	104	70	130			
Lead	0.579	mg/L	0.050	106	70	130			
Manganese	0.561	mg/L	0.010	104	70	130			
Molybdenum	0.527	mg/L	0.10	105	70	130			
Selenium	0.542	mg/L	0.0023	108	70	130			
Uranium	0.511	mg/L	0.00030	102	70	130			
Vanadium	0.532	mg/L	0.10	105	70	130			
Sample ID: C07070359-022AMSD4	Post Digestion Spike Duplicate				Run: ICPMS2-C_070722A		07/22/07 20:57		
Aluminum	0.555	mg/L	0.10	108	70	130	0.3	20	
Arsenic	0.524	mg/L	0.0010	105	70	130	1.4	20	
Barium	0.526	mg/L	0.10	105	70	130	0.3	20	
Lead	0.576	mg/L	0.050	106	70	130	0.4	20	
Manganese	0.566	mg/L	0.010	105	70	130	0.9	20	
Molybdenum	0.525	mg/L	0.10	105	70	130	0.4	20	
Selenium	0.538	mg/L	0.0023	108	70	130	0.8	20	
Uranium	0.509	mg/L	0.00030	102	70	130	0.4	20	

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8 Batch: 15210									
Sample ID: C07070359-022AMSD4	Post Digestion Spike Duplicate				Run: ICPMS2-C_070722A		07/22/07 20:57		
Vanadium	0.536	mg/L	0.10	106	70	130	0.7	20	
Method: E353.2 Batch: 15262									
Sample ID: MB-15262	Method Blank				Run: TECHNICON_070720A		07/20/07 09:06		
Nitrogen, Nitrate+Nitrite as N	1	mg/kg-dry	0.3						
Sample ID: LCS-15262	Laboratory Control Sample				Run: TECHNICON_070720A		07/20/07 09:08		
Nitrogen, Nitrate+Nitrite as N	3.79	mg/kg-dry	1.0	60	75	125			S
Sample ID: C07070359-017FDUP	Sample Duplicate				Run: TECHNICON_070720A		07/20/07 10:26		
Nitrogen, Nitrate+Nitrite as N	4.22	mg/kg-dry	1.0				2.8	20	
Sample ID: C07070359-023FMS	Sample Matrix Spike				Run: TECHNICON_070720A		07/20/07 10:48		
Nitrogen, Nitrate+Nitrite as N	23.8	mg/kg-dry	2.9	101	80	120			
Sample ID: C07070359-023FMSD	Sample Matrix Spike Duplicate				Run: TECHNICON_070720A		07/20/07 10:51		
Nitrogen, Nitrate+Nitrite as N	24.3	mg/kg-dry	2.9	103	80	120	2.0	20	
Method: E353.2 Batch: 15264									
Sample ID: MB-15264	Method Blank				Run: TECHNICON_070720A		07/20/07 10:06		
Nitrogen, Nitrate+Nitrite as N	2	mg/kg-dry	0.3						
Sample ID: C07070359-023FDUP	Sample Duplicate				Run: TECHNICON_070720A		07/20/07 10:46		
Nitrogen, Nitrate+Nitrite as N	4.27	mg/kg-dry	1.0				3.7	20	
Method: E900.0 Batch: GrAB-0298									
Sample ID: UNAT-GrAB-0298	Laboratory Control Sample				Run: G5000W_070723A		07/27/07 02:41		
Gross Alpha	300	pCi/L	1.0	107	70	130			
Sample ID: C07070757-001AMS	Sample Matrix Spike				Run: G5000W_070723A		07/27/07 02:41		
Gross Alpha	200	pCi/L	1.0	81	70	130			
Sample ID: C07070757-001AMSD	Sample Matrix Spike Duplicate				Run: G5000W_070723A		07/27/07 02:41		
Gross Alpha	200	pCi/L	1.0	84	70	130	4.6	13.3	
Sample ID: C07070813-001ADUP	Sample Duplicate				Run: G5000W_070723A		07/29/07 06:00		
Gross Alpha	ND	pCi/L	1.0				0.0	438.1	
Sample ID: RB-GRAB-0298	Method Blank				Run: G5000W_070723A		07/23/07 10:00		
Gross Alpha	ND	pCi/L	1						

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0 Batch: RA226-2182									
Sample ID: C07061601-027AMS Radium 226	Sample Matrix Spike 24	pCi/L	0.20	91	70	130			07/27/07 20:23
Sample ID: C07061601-027AMSD Radium 226	Sample Matrix Spike Duplicate 28	pCi/L	0.20	108	70	130	14	28.9	07/27/07 18:22
Sample ID: MB-RA226-2182 Radium 226	Method Blank ND	pCi/L	0.2						07/28/07 15:30
Sample ID: LCS-RA226-2182 Radium 226	Laboratory Control Sample 14	pCi/L	0.20	107	70	130			07/28/07 16:31
Method: E907.0 Batch: 15349									
Sample ID: LCS-R87505 Thorium 230	Laboratory Control Sample 4.40	pCi/g-dry	0.10	90	70	130			07/26/07 15:00
Sample ID: C07070359-010BMS Thorium 230	Sample Matrix Spike 2.82	pCi/g-dry	0.20	61	70	130			07/26/07 15:00 S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the low response is considered to be matrix related. The batch is approved.									
Sample ID: C07070359-010BMSD Thorium 230	Sample Matrix Spike Duplicate 2.71	pCi/g-dry	0.20	57	70	130	4.0	30	07/26/07 15:00 S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the low response is considered to be matrix related. The batch is approved.									
Sample ID: MB-R87797 Thorium 230	Method Blank ND	pCi/g-dry	0.01						07/26/07 15:00
Method: RA-05 Batch: RA228-1731									
Sample ID: LCS-228-RA226-2182 Radium 228	Laboratory Control Sample 6.71	pCi/L	1.0	88	70	130			07/23/07 07:51
Sample ID: MB-RA226-2182 Radium 228	Method Blank ND	pCi/L	1						07/23/07 07:51
Sample ID: C07070359-022AMS Radium 228	Sample Matrix Spike 10.4	pCi/L	1.0	82	70	130			07/23/07 07:51
Sample ID: C07070359-022AMSD Radium 228	Sample Matrix Spike Duplicate 11.8	pCi/L	1.0	93	70	130	13	37.6	07/23/07 07:51

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B								Batch: 15285	
Sample ID: C07070359-018CMS	Sample Matrix Spike					Run: ICP1-C_070723A		07/23/07 17:33	
Calcium	750	mg/L	0.50	85	75	125			
Magnesium	450	mg/L	0.50	87	75	125			
Sodium	360	mg/L	0.50	88	75	125			
Sample ID: C07070359-018CMSD	Sample Matrix Spike Duplicate					Run: ICP1-C_070723A		07/23/07 17:37	
Calcium	760	mg/L	0.50	87	75	125	0.7	20	
Magnesium	450	mg/L	0.50	89	75	125	0.7	20	
Sodium	370	mg/L	0.50	91	75	125	1.8	20	
Sample ID: MB-15285	Method Blank					Run: ICP1-C_070723A		07/23/07 17:53	
Calcium	ND	mg/L	0.06						
Magnesium	ND	mg/L	0.05						
Sodium	ND	mg/L	0.06						
Sample ID: LCS-15285	Laboratory Control Sample					Run: ICP1-C_070723A		07/23/07 17:56	
Calcium	560	mg/L	0.50	93	70	130			
Magnesium	200	mg/L	0.50	89	70	130			
Sodium	220	mg/L	0.50	88	70	130			
Method: SW6010B								Batch: 15287	
Sample ID: MB-15287	Method Blank					Run: ICP2-C_070718A		07/18/07 19:22	
Phosphorus	0.7	mg/kg-dry	0.1						
Sample ID: LCS-15287	Laboratory Control Sample					Run: ICP2-C_070718A		07/18/07 19:29	
Phosphorus	9.64	mg/kg-dry	5.0	73	70	130			
Sample ID: C07070262-020EMS2	Sample Matrix Spike					Run: ICP2-C_070718A		07/18/07 21:24	
Phosphorus	102	mg/kg-dry	5.0	98	75	125			
Sample ID: C07070262-020EMSD2	Sample Matrix Spike Duplicate					Run: ICP2-C_070718A		07/18/07 21:28	
Phosphorus	101	mg/kg-dry	5.0	97	75	125	1.4	20	
Sample ID: C07070359-023EDUP	Sample Duplicate					Run: ICP2-C_070718A		07/18/07 22:57	
Phosphorus	9.61	mg/kg-dry	5.0				4.0	20	

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020								Batch: 15233	
Sample ID: MB-15233	Method Blank						Run: ICPMS1-C_070717A	07/17/07 15:34	
Chromium	0.002	mg/kg-dry	0.0001						
Uranium	0.0003	mg/kg-dry	6E-05						
Sample ID: LCS1-15233	Laboratory Control Sample						Run: ICPMS1-C_070717A	07/17/07 15:39	
Chromium	0.019	mg/kg-dry	2.5	84	70	130			
Uranium	0.017	mg/kg-dry	0.15	82	70	130			
Sample ID: LCS-15233	Laboratory Control Sample						Run: ICPMS1-C_070717A	07/17/07 15:43	
Chromium	1.0	mg/kg-dry	2.5	102	85	115			
Uranium	0.95	mg/kg-dry	0.15	95	85	115			
Sample ID: C07070359-004A MS4	Post Digestion Spike						Run: ICPMS1-C_070717A	07/17/07 16:42	
Chromium	29	mg/kg-dry	2.5	102	75	125			
Uranium	87	mg/kg-dry	0.15	101	75	125			
Sample ID: C07070359-004A MSD4	Post Digestion Spike Duplicate						Run: ICPMS1-C_070717A	07/17/07 16:47	
Chromium	28	mg/kg-dry	2.5	101	75	125	0.7	20	
Uranium	85	mg/kg-dry	0.15	94	75	125	2.0	20	
Sample ID: MB-15233	Method Blank						Run: ICPMS2-C_070719A	07/19/07 20:41	
Uranium	0.0004	mg/kg-dry	6E-05						
Sample ID: LCS1-15233	Laboratory Control Sample						Run: ICPMS2-C_070719A	07/19/07 20:45	
Uranium	0.0187	mg/kg-dry	0.015	92	75	125			
Sample ID: LCS-15233	Laboratory Control Sample						Run: ICPMS2-C_070719A	07/19/07 20:50	
Uranium	0.994	mg/kg-dry	0.015	99	75	125			
Sample ID: C07070359-016B MS4	Sample Matrix Spike						Run: ICPMS2-C_070719A	07/19/07 22:29	
Uranium	107	mg/kg-dry	0.025		75	125			A
Sample ID: C07070359-016B MSD4	Sample Matrix Spike Duplicate						Run: ICPMS2-C_070719A	07/19/07 22:33	
Uranium	106	mg/kg-dry	0.025		75	125	0.6	20	A

Qualifiers:

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A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									
Batch: 15234									
Sample ID: MB-15234	Method Blank						Run: ICPMS1-C_070717A		07/17/07 14:14
Chromium	0.002	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15234	Laboratory Control Sample						Run: ICPMS1-C_070717A		07/17/07 14:19
Chromium	0.018	mg/kg-dry	2.5	82	70	130			
Uranium	0.017	mg/kg-dry	0.15	85	70	130			
Sample ID: LCS-15234	Laboratory Control Sample						Run: ICPMS1-C_070717A		07/17/07 14:24
Chromium	1.0	mg/kg-dry	2.5	101	85	115			
Uranium	0.96	mg/kg-dry	0.15	96	85	115			
Sample ID: C07070359-023A MS4	Post Digestion Spike						Run: ICPMS1-C_070717A		07/17/07 15:19
Chromium	36	mg/kg-dry	2.5	99	75	125			
Uranium	24	mg/kg-dry	0.15	98	75	125			
Sample ID: C07070359-023A MSD4	Post Digestion Spike Duplicate						Run: ICPMS1-C_070717A		07/17/07 15:24
Chromium	37	mg/kg-dry	2.5	100	75	125	0.3	20	
Uranium	24	mg/kg-dry	0.15	99	75	125	0.8	20	
Sample ID: MB-15234	Method Blank						Run: ICPMS2-C_070719A		07/19/07 22:41
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS1-15234	Laboratory Control Sample						Run: ICPMS2-C_070719A		07/19/07 22:45
Uranium	0.0185	mg/kg-dry	0.015	93	75	125			
Sample ID: LCS-15234	Laboratory Control Sample						Run: ICPMS2-C_070719A		07/19/07 22:49
Uranium	0.998	mg/kg-dry	0.015	100	75	125			
Sample ID: C07070359-022BMS	Sample Matrix Spike						Run: ICPMS2-C_070719A		07/19/07 23:22
Uranium	92.3	mg/kg-dry	0.025	106	75	125			
Sample ID: C07070359-022BMDS	Sample Matrix Spike Duplicate						Run: ICPMS2-C_070719A		07/19/07 23:26
Uranium	92.2	mg/kg-dry	0.025	106	75	125	0.1	20	

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Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020							Batch: 15289		
Sample ID: MB-15289	Method Blank		Run: ICPMS1-C_070723A				07/23/07 18:41		
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.06						
Nickel	ND	mg/kg-dry	0.09						
Zinc	0.06	mg/kg-dry	0.0005						
Sample ID: LCS-15289							07/23/07 18:46		
Laboratory Control Sample		Run: ICPMS1-C_070723A							
Cadmium	0.134	mg/kg-dry	0.066	123	50	150			
Copper	1.47	mg/kg-dry	0.60	105	50	150			
Nickel	0.822	mg/kg-dry	0.093	106	50	150			
Zinc	0.616	mg/kg-dry	0.020	92	50	150			
Sample ID: C07070359-018BMS4							07/23/07 19:40		
Post Digestion Spike		Run: ICPMS1-C_070723A							
Cadmium	1.14	mg/kg-dry	0.032	109	75	125			
Copper	1.40	mg/kg-dry	0.060	100	75	125			
Nickel	1.22	mg/kg-dry	0.26	122	75	125			
Zinc	3.38	mg/kg-dry	0.020	101	75	125			
Sample ID: C07070359-018BMSD4							07/23/07 19:45		
Post Digestion Spike Duplicate		Run: ICPMS1-C_070723A							
Cadmium	1.13	mg/kg-dry	0.032	107	75	125			
Copper	1.37	mg/kg-dry	0.060	98	75	125			
Nickel	1.18	mg/kg-dry	0.26	118	75	125			
Zinc	3.17	mg/kg-dry	0.020	81	75	125			
Sample ID: C07070359-023BDUP							07/23/07 20:10		
Sample Duplicate		Run: ICPMS1-C_070723A							
Cadmium	ND	mg/kg-dry	0.66				0.0	30	
Copper	1.34	mg/kg-dry	0.60				5.6	30	
Nickel	1.31	mg/kg-dry	0.93				1.8	30	
Zinc	2.15	mg/kg-dry	0.020				1.2	30	
Method: SW7471A							Batch: 15309		
Sample ID: MB-15309	Method Blank		Run: CVAA-C201_070718C				07/18/07 12:40		
Mercury	ND	mg/kg-dry	0.04						
Sample ID: C07070720-001A MS							07/18/07 13:03		
Sample Matrix Spike		Run: CVAA-C201_070718C							
Mercury	0.54	mg/kg-dry	0.050	86	85	115			
Sample ID: C07070720-001A MSD							07/18/07 13:07		
Sample Matrix Spike Duplicate		Run: CVAA-C201_070718C							
Mercury	0.58	mg/kg-dry	0.050	87	85	115	8.0	30	
Sample ID: LCS-15309							07/18/07 13:11		
Laboratory Control Sample		Run: CVAA-C201_070718C							
Mercury	0.47	mg/kg-dry	0.050	95	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site

Report Date: 08/10/07
Work Order: C07070359

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: USDA27a							Batch: SAT070717A		
Sample ID: C07070359-023C DUP	Sample Duplicate		Run: SARTORIUS CP3202_070718				07/18/07 13:29		
Saturation Percentage	41.2	%	0.10				4.7	10	
Sample ID: LCS	Laboratory Control Sample		Run: SARTORIUS CP3202_070718				07/18/07 13:29		
Saturation Percentage	49.6	%	0.10	98	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: MWH Americas, Inc		Project Name, PWS, Permit, Etc. ST ANTHONY MINE		Sample Origin State: NM		EPA/State Compliance: Yes ☐ No ☐	
Report Mail Address: 1475 PINE GARDEN RD, STE 109 SEANBART SHIRAZ, CO 80477		Contact Name: TERY LEESON		Phone/Fax: 970-879-6260		Email: Ryan.Hurtgen	
Invoice Address: SEE CONTRACT		Invoice Contact & Phone: SEE CONTRACT		Purchase Order:		Quote/Bottle Order: 18977	
Special Report/Formats - ELI must be notified prior to sample submittal for the following: ☐ DW ☐ A2LA ☐ GSA ☐ EDD/EDT (Electronic Data) ☐ POTW/WWTP ☐ Format: ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC		ANALYSIS REQUESTED SEE ATTACHED Normal Turnaround (TAT) R U S H		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments: LABORATORY USE ONLY		Shipped by: seef Cooler ID(s): Client Receipt Temp: 23.6 °C On Ice: Yes ☐ No ☒ Custody Seal Intact: Yes ☐ No ☒ Signature Match: Yes ☐ No ☒	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time		MATRIX	
1 P4-DH5-001		7/6/07		0945		2-S	
2 P4-DH5-007		7/6/07		1015		1-S	
3 P4-DH5-016		7/6/07		1130		2-S	
4 P3-DH8-001		7/6/07		1610		2-S	
5 P3-DH8-008		7/6/07		1647		2-S	
6 P3-DH8-007		7/6/07		1657		1-S	
7 P3-DH8-301		7/6/07		1707		2-S	
8							
9							
10							
Custody Record MUST be Signed		Relinquished by (print): Ryan Hurtgen		Date/Time: 7/7/07 1130		Signature: [Signature]	
		Relinquished by (print):		Date/Time:		Signature:	
Sample Disposal:		Return to Client:		Received by Laboratory:		Date/Time:	
Lab Disposal:				Received by Laboratory:		Date/Time:	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly noted on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.



Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: MUTH AMERICAS, INC.		Project Name, PWS, Permit, Etc. ST ANTHONY MINE		Sample Origin State: NM		EPA/State Compliance: Yes ☐ No ☐		
Report Mail Address: 1475 PINE GROVE RD, STE 109 STANBOAT SPRINGS, CO 80477		Contact Name: TONY GESSON		Phone/Fax: 970-879-6260		Email: TONY GESSON		
Invoice Address: SEE CONTRACT		Invoice Contact & Phone: SEE CONTRACT		Purchase Order: 18977		Quote/Bottle Order: 18977		
☐ DW ☐ GSA ☐ POTW/MWTP State: ☐ ☐ Other: ☐ ☐		☐ A2LA ☐ EDD/EDT (Electronic Data) Format: ☐ ☐ ☐ LEVEL IV ☐ NELAC		Special Report/Formats - ELI must be notified prior to sample submittal for the following:				Shipped by: FEDEX Cooler ID(s): C-2520 Receipt Temp: 23.6°C On Ice: Yes ☐ No ☒ Custody Seal: Y Intact: Y Signature Match: Y
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	MATRIX	ANALYSIS REQUESTED (See Attached)	Normal Turnaround (TAT)	Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments:	
1	P4-DH3-004	7/1/07	1110	2-S	X	X	2 BAGS	
2	P4-DH3-005	7/1/07	1115	1-S	X	X	1 BAG	
3	P4-DH3-300	7/1/07	1125	1-S	X	X	1 BAG	
4	P4-DH1-015	7/3/07	1335	2-S	X	X	2 BAGS	
5	P4-DH1-013	7/3/07	1310	1-S	X	X	1 BAG	
6								
7								
8								
9								
10								
Relinquished by (print): RYAN HURGEN Relinquished by (print): RYAN HURGEN		Date/Time: 7/5/07 1450 Date/Time: 7/5/07 1450	Signature: [Signature] Signature: [Signature]	Received by (print): RYAN HURGEN Received by (print): RYAN HURGEN	Date/Time: 7-10-07 9:45 Date/Time: 7-10-07 9:45	Signature: [Signature] Signature: [Signature]	Date/Time: 7-10-07 9:45 Date/Time: 7-10-07 9:45	
Custody Record MUST be Signed		Sample Disposal: Return to Client		Lab Disposal:		Received by Laboratory:		

TRACK# C07070359

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Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: MWH AMERICAS, INC		Project Name, PWS, Permit, Etc. ST ANTHONY MINE		Sample Origin State: NM		EPA/State Compliance: Yes ☐ No ☐	
Report Mail Address: 1475 PINE GROVE RD, STE 109 SPRINGSBORO SPRINGS, CO 80477		Contact Name: 1004 LEESSON		Email: 970-879-6260		Sampler: (Please Print) Ryan Thurston	
Invoice Address: See Contract		Invoice Contact & Phone: See Contract		Purchase Order:		Quote/Bottle Order: 18977	
Special Report/Formats - ELI must be notified prior to sample submittal for the following: ☐ DW ☐ A2LA ☐ GSA ☐ EDD/EDT (Electronic Data) ☐ POTW/WWTP ☐ State: ☐ LEVEL IV ☐ Other: ☐ NELAC				ANALYSIS REQUESTED SEE ATTACHED Normal Turnaround (TAT)			
Number of Containers Sample Type: A W S V B O Vegetation Bioassay Other		MATRIX		RUSH Comments:		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page	
1 P4-DH4-014 7/4/07 1004 2-S X 2 P4-DH4-012 7/4/07 0946 1-S X 3 P4-DH6-007 7/4/07 1444 1-S X 4 P4-DH6-008 7/4/07 1452 2-S X		RADS SPC		2 BAGS 1 BAG 1 BAG 2 BAGS		Shipped by: fedex Cooler ID(s): C-2515 Receipt Temp: 23.6°C On Ice: Yes Custody Seal: N Intact: Y Signature Match: N	
5 6 7 8 9 10						LABORATORY USE ONLY CO7070359	
Relinquished by (print): Ryan Thurston Relinquished by (print):		Date/Time: 7/10/07 1500 Date/Time:		Received by (print): Received by (print):		Date/Time: 7-10-07 0145 Date/Time:	
Signature: [Signature] Signature:		Signature: [Signature] Signature:		Signature: [Signature] Signature:		Signature: [Signature] Signature:	
Sample Disposal:		Return to Client:		Received by Laboratory:		Date/Time:	

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: MVH AMERICAS, INC.		Project Name, PWS, Permit, Etc. ST ANTHONY MINE		Sample Origin State: MM		EPA/State Compliance: Yes ☐ No ☐	
Report Mail Address: 1475 PINE GROVE ROAD, STE 109		Contact Name: ST ANTHONY MINE		Email: RYAN HULTGREEN		Sampler: (Please Print) RYAN HULTGREEN	
Invoice Address: STEAMBOAT SPRINGS, CO 80477		Phone/Fax: 970-879-6260		Purchase Order: 18977		Quote/Bottle Order: 18977	
Special Report/Formats - ELI must be notified prior to sample submittal for the following:		ANALYSIS REQUESTED		Normal Turnaround (TAT)		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page	
☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: ☐ Other:		☐ A2LA ☐ EDD/EDT (Electronic Data) ☐ Format: ☐ LEVEL IV ☐ NELAC		SEE ATTACHED R U S H		Comments: C-2511 23.6°C On Ice: Yes ☐ No ☒	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date Collection Time		Matrix		Shipped by: fedex Cooler ID(s): C-2511 Receipt Temp: 23.6°C On Ice: Yes ☐ No ☒	
1 P4-DH4-001		7/4/07 0834		2-S		Custody Seal Intact Signature Match	
2 P4-DH6-001		7/4/07 1409		2-S		Y N Y N Y N	
3 P4-DH3-001		7/1/07 1055		2-S		LABORATORY USE ONLY	
4							
5							
6							
7							
8							
9							
10							
Custody Record MUST be Signed		Relinquished by (print): RYAN HULTGREEN Date/Time: 7/5/07 1430		Received by (print): Date/Time: 7-10-07 9:45		Signature: [Signature] Date/Time:	
Sample Disposal:		Return to Client:		Lab Disposal:		Signature:	

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Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: MWH AMERICAS, INC.		Project Name, PWS, Permit, Etc. ST ANTHONY RIVER		Sample Origin State: NM		EPA/State Compliance: Yes ☐ No ☐	
Report Mail Address: 1475 PINEGROVE RD STE 109 P.O. Box 774018 STEAMBOAT SPRINGS, CO 80477		Contact Name: TERRY LEESE		Phone/Fax: 970-877-6260		Sampler: (Please Print) KYAN HULTGREEN	
Invoice Address: SEE CONTRACT		Invoice Contact & Phone: SEE CONTRACT (CONTACT TERRY LEESE)		Purchase Order: 18977		Quote/Bottle Order: 18977	
Special Report/Formats - ELI must be notified prior to sample submittal for the following: ☐ DW ☐ GSA ☐ POTW/MWTP ☐ State: ☒ Other: CONTRACT T. LEESE ☐ A2LA ☐ EDD/EDT (Electronic Data) Format: ☐ LEVEL IV ☐ NELAC		ANALYSIS REQUESTED RAAS WOLF AGRO		Normal Turnaround (TAT) SEE ATTACHED		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page R U S H	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date	Collection Time	MATRIX	Number of Containers Sample Type: AWS/B Vegetation Bioassay Other	Comments: 2 BAGS 1 BAG 2 BAGS 2 BAGS 1 BAG - 3/5/07 1 BAG - 4/5/07	
1 PY-DH2-001		7/2/07	1231	SOIL	X	2 BAGS	
2 PY-DH2-010		7/2/07	1355	SOIL	X	1 BAG	
3 PY-DH2-011		7/2/07	1404	SOIL	X	2 BAGS	
4 PY-DH1-001		7/3/07	1130	Z-S	X	2 BAGS	
5 PY-DH1-013		7/3/07	1310	I-S	X	1 BAG - 3/5/07	
6 PY-DH1-015		7/3/07	1335	I-S	X	1 BAG - 4/5/07	
7							
8							
9							
10							
Custody Record MUST be Signed		Relinquished by (print): KYAN HULTGREEN	Date/Time: 7/5/07 1435	Signature: <i>[Signature]</i>	Received by (print): K. Hultgreen	Date/Time: 7-10-07 9:45	Signature: <i>[Signature]</i>
Sample Disposal:		Return to Client:		Received by Laboratory:		Date/Time:	Signature:
Lab Disposal:				Received by Laboratory:		Date/Time:	Signature:

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Energy Laboratories Inc

Workorder Receipt Checklist



C07070359

Login completed by: Tim Hollen

Date and Time Received: 7/10/2007 12:00 AM

Reviewed by:

Received by: kh

Reviewed Date:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	23.6°C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Date: 14-Aug-07

CLIENT: Montgomery Watson Harza
Project: GE (UNC) St Anthony Mine Site
Sample Delivery Group: C07070359

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

Key to Texture Results:

C = Clay
SiC = Silty Clay
SiCL = Silty Clay Loam
SC = Sandy Clay
SCL = Sandy Clay Loam
CL = Clay Loam
Si = Silt
SiL = Silt Loam
L = Loam
S = Sand
LS = Loamy Sand
SL = Sandy Loam

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505

Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some result requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.



ANALYTICAL SUMMARY REPORT

August 29, 2007

Montgomery Watson Harza
1475 Pine Grove Road Ste 109
PO Box 774018
Steamboat Springs, CO 80477

Workorder No.: C07070856

Project Name: St. Anthony Mine

Energy Laboratories, Inc. received the following 12 samples from Montgomery Watson Harza on 7/19/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C07070856-001	MD-DH10-001	07/17/07 08:10	07/19/07	Soil	Metals by ICP/ICPMS, Dissolved Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved SPLP Extraction, Regular
C07070856-002	MD-DH10-002	07/17/07 08:12	07/19/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic



C07070856-003 MD-DH10-004

07/17/07 08:23 07/19/07 Soil

Metals by ICP/ICPMS, Total
DPTA extractable metals
Saturated Paste Electrical Conductivity
Arsenic, DTPA Extractable
Mercury, Total
Selenium, DTPA Extractable
Metals, NaHCO₃ Extractable
Metals, Soluble
Uranium, Total
Nitrate+Nitrite as N, KCL Extract
Organic Carbon
Soluble Metals from Paste
Saturation Percentage
Saturated Paste pH
Percent Moisture
Digestion, Total Metals
Digestion For RadioChemistry
ABDTPA Soil Extraction
Gross Alpha, Gross Beta Sample Prep
CVAA Permanganate Digest
DTPA extraction for metals
Gamma Sample Preparation
KCL Soil Extract
NaHCO₃ Soil Extract
Particle Size Analysis / Texture Prep
Saturated Paste
Total Organic Carbon Prep
Particle Size Analysis / Texture
Gross Alpha, Gross Beta
Gross Gamma
Thorium, Isotopic
Sodium Adsorption Ratio in Soil

C07070856-004 MD-DH10-303

07/17/07 08:12 07/19/07 Soil

Uranium, Total
Digestion, Total Metals
Digestion For RadioChemistry
Gross Alpha, Gross Beta Sample Prep
Gamma Sample Preparation
Gross Alpha, Gross Beta
Gross Gamma
Thorium, Isotopic



C07070856-005 MD-DH9-002	07/16/07 16:23 07/19/07	Soil	Metals by ICP/ICPMS, Total DTPA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Uranium, Total Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals Digestion For RadioChemistry ABDTPA Soil Extraction Gross Alpha, Gross Beta Sample Prep CVAA Permanganate Digest DTPA extraction for metals Gamma Sample Preparation KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic Sodium Adsorption Ratio in Soil
C07070856-006 MD-DH9-003	07/16/07 16:28 07/19/07	Soil	Metals by ICP/ICPMS, Dissolved Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Alpha, Gross Beta Gross Gamma Radium 226, Dissolved Radium 228, Dissolved Thorium, Isotopic SPLP Extraction, Regular
C07070856-007 P3-DH8-010	07/16/07 08:05 07/19/07	Soil	Uranium, Total Digestion, Total Metals Digestion For RadioChemistry Gross Alpha, Gross Beta Sample Prep Gamma Sample Preparation Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic
C07070856-008 P3-DH8-302	07/16/07 08:05 07/19/07	Soil	Same As Above



C07070856-009 P3-DH8-014	07/16/07 08:30 07/19/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals ABDTPA Soil Extraction CVAA Permanganate Digest DTPA extraction for metals KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Sodium Adsorption Ratio in Soil
C07070856-010 P3-DH7-002	07/16/07 11:25 07/19/07	Soil	Metals by ICP/ICPMS, Total DPTA extractable metals Saturated Paste Electrical Conductivity Arsenic, DTPA Extractable Mercury, Total Selenium, DTPA Extractable Metals, NaHCO3 Extractable Metals, Soluble Uranium, Total Nitrate+Nitrite as N, KCL Extract Organic Carbon Soluble Metals from Paste Saturation Percentage Saturated Paste pH Percent Moisture Digestion, Total Metals Digestion For RadioChemistry ABDTPA Soil Extraction Gross Alpha, Gross Beta Sample Prep CVAA Permanganate Digest DTPA extraction for metals Gamma Sample Preparation KCL Soil Extract NaHCO3 Soil Extract Particle Size Analysis / Texture Prep Saturated Paste Total Organic Carbon Prep Particle Size Analysis / Texture Gross Alpha, Gross Beta Gross Gamma Thorium, Isotopic Sodium Adsorption Ratio in Soil
C07070856-011 P3-DH7-009	07/16/07 12:00 07/19/07	Soil	Metals by ICP/ICPMS, Dissolved Gross Alpha, Gross Beta Radium 226, Dissolved Radium 228, Dissolved SPLP Extraction, Regular



C07070856-012 P3-DH7-015

07/16/07 12:30 07/19/07 Soil

Uranium, Total
Digestion, Total Metals
Digestion For RadioChemistry
Gross Alpha, Gross Beta Sample Prep
Gamma Sample Preparation
Gross Alpha, Gross Beta
Gross Gamma
Thorium, Isotopic

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:


ROGER GUNKLING
LABORATORY SUPERVISOR



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-001
Client Sample ID: MD-DH10-001

Report Date: 08/29/07
Collection Date: 07/17/07 08:10
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	4.7	mg/L		0.2	E200.7		08/02/07 15:32 / ts
Magnesium	0.62	mg/L	D	0.04	E200.7		08/02/07 15:32 / ts
Potassium	ND	mg/L		3	E200.7		08/02/07 15:32 / ts
Sodium	ND	mg/L		5	E200.7		08/02/07 15:32 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	0.3	mg/L		0.1	E200.8		07/24/07 00:27 / bws
Arsenic	0.003	mg/L		0.001	E200.8		07/24/07 00:27 / bws
Barium	ND	mg/L		0.01	E200.8		07/24/07 00:27 / bws
Lead	ND	mg/L		0.04	E200.8		07/24/07 00:27 / bws
Manganese	ND	mg/L		0.01	E200.8		07/24/07 00:27 / bws
Molybdenum	0.003	mg/L		0.001	E200.8		07/24/07 00:27 / bws
Selenium	0.002	mg/L	D	0.002	E200.8		07/24/07 00:27 / bws
Uranium	0.0010	mg/L		0.0001	E200.8		07/24/07 00:27 / bws
Vanadium	0.006	mg/L		0.005	E200.8		07/24/07 00:27 / bws
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	246	pCi/L		1.0	E900.0		08/02/07 02:38 / res
Gross Alpha precision (±)	4.6	pCi/L			E900.0		08/02/07 02:38 / res
Radium 226	25.7	pCi/L		1.0	E903.0		08/08/07 03:49 / trs
Radium 226 precision (±)	2.2	pCi/L			E903.0		08/08/07 03:49 / trs
Radium 228	ND	pCi/L		1.4	RA-05		08/02/07 10:51 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-002
Client Sample ID: MD-DH10-002

Report Date: 08/29/07
Collection Date: 07/17/07 08:12
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	288	mg/kg-dry	D	0.03		SW6020	08/04/07 06:05 / sml
RADIONUCLIDES - GAMMA							
Radium 226	63.8	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	5.8	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	384	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	3.8	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	61	pCi/g-dry		0.2		E907.0	08/08/07 15:00 / dmf
Thorium 230 precision (±)	3.8	pCi/g-dry				E907.0	08/08/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-003
Client Sample ID: MD-DH10-004

Report Date: 08/29/07
Collection Date: 07/17/07 08:23
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.52	mmhos/cm		0.01		ASAM10-3	07/25/07 08:19 / jb
Saturation Percentage	36.6	%		0.1		USDA27a	07/25/07 08:09 / jb
pH, sat. paste	8.4	s.u.		0.01		ASAM10-3.2	07/25/07 08:19 / jb
Nitrogen, Nitrate+Nitrite as N	2.7	mg/kg-dry		1.0		E353.2	08/02/07 17:19 / ljl
Chloride, soluble	7.0	mg/kg-dry		5.0		SW6010B	07/31/07 18:37 / sec
Potassium, soluble	3.8	mg/kg-dry		1.0		SW6010B	07/31/07 18:37 / sec
Sulfate, soluble	227	mg/kg-dry		0.10		SW6010B	07/31/07 18:37 / sec
Calcium, sat. paste	1.5	meq/L		0.02		SW6010B	07/30/07 20:28 / ts
Magnesium, sat. paste	0.36	meq/L		0.04		SW6010B	07/30/07 20:28 / ts
Sodium, sat. paste	13	meq/L		0.02		SW6010B	07/30/07 20:28 / ts
Sodium Adsorption Ratio (SAR)	13.9	unitless		0.01		Calculation	07/31/07 13:31 / sec
PHYSICAL PROPERTIES							
Moisture	8.0	%		0.1		USDA26	07/20/07 12:44 / dcj
METALS - TOTAL							
Chromium	4.7	mg/kg-dry	D	0.06		SW6020	07/27/07 20:53 / bws
Mercury	ND	mg/kg-dry		0.05		SW7471A	08/01/07 10:27 / kes
Uranium	138	mg/kg-dry	D	0.03		SW6020	08/04/07 06:09 / sml
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.051	mg/kg-dry		0.005		A3114 B	08/04/07 11:06 / kes
Selenium	0.010	mg/kg-dry		0.005		A3114 B	07/26/07 09:38 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	08/01/07 01:03 / sml
Copper	0.9	mg/kg-dry	D	0.6		SW6020	08/01/07 01:03 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	08/01/07 01:03 / sml
Zinc	3.33	mg/kg-dry		0.01		SW6020	08/01/07 01:03 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/31/07 18:11 / cp
RADIONUCLIDES - GAMMA							
Radium 226	38.1	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	3.4	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	248	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	3.0	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	31	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.8	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-003
Client Sample ID: MD-DH10-004

Report Date: 08/29/07
Collection Date: 07/17/07 08:23
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	77	%		1.0		ASA15-5	07/25/07 16:07 / jb
Silt	9.0	%		1.0		ASA15-5	07/25/07 16:07 / jb
Clay	14	%		1.0		ASA15-5	07/25/07 16:07 / jb
Texture	SL			1.0		ASA15-5	07/25/07 16:07 / jb
Coarse Fragments	1.4	%		1.0		ASA15-5	07/25/07 16:07 / jb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	ND	%		0.02		ASA29-3	07/26/07 13:59 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-004
Client Sample ID: MD-DH10-303

Report Date: 08/29/07
Collection Date: 07/17/07 08:12
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	214	mg/kg-dry	D	0.03		SW6020	08/04/07 06:13 / smf
RADIONUCLIDES - GAMMA							
Radium 226	74.4	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	6.6	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	599	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	4.7	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	71	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	2.4	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-005
Client Sample ID: MD-DH9-002

Report Date: 08/29/07
Collection Date: 07/16/07 16:23
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	0.80	mmhos/cm		0.01		ASAM10-3	07/25/07 08:20 / jb
Saturation Percentage	31.5	%		0.1		USDA27a	07/25/07 08:09 / jb
pH, sat. paste	8.6	s.u.		0.01		ASAM10-3.2	07/25/07 08:20 / jb
Nitrogen, Nitrate+Nitrite as N	3.8	mg/kg-dry		1.0		E353.2	08/02/07 17:21 / lji
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/31/07 18:37 / sec
Potassium, soluble	1.7	mg/kg-dry		1.0		SW6010B	07/31/07 18:37 / sec
Sulfate, soluble	81.9	mg/kg-dry		0.10		SW6010B	07/31/07 18:37 / sec
Calcium, sat. paste	0.40	meq/L		0.02		SW6010B	07/30/07 20:31 / ts
Magnesium, sat. paste	0.16	meq/L		0.04		SW6010B	07/30/07 20:31 / ts
Sodium, sat. paste	7.5	meq/L		0.02		SW6010B	07/30/07 20:31 / ts
Sodium Adsorption Ratio (SAR)	14.4	unitless		0.01		Calculation	07/31/07 13:31 / sec
PHYSICAL PROPERTIES							
Moisture	3.9	%		0.1		USDA26	07/20/07 12:45 / dcj
METALS - TOTAL							
Chromium	4.7	mg/kg-dry	D	0.07		SW6020	07/27/07 21:00 / bws
Mercury	ND	mg/kg-dry		0.05		SW7471A	08/01/07 10:29 / kes
Uranium	127	mg/kg-dry	D	0.03		SW6020	08/04/07 06:17 / sml
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.164	mg/kg-dry		0.005		A3114 B	08/04/07 11:09 / kes
Selenium	0.011	mg/kg-dry		0.005		A3114 B	07/26/07 09:40 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	08/01/07 01:10 / sml
Copper	ND	mg/kg-dry	D	0.6		SW6020	08/01/07 01:10 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	08/01/07 01:10 / sml
Zinc	0.92	mg/kg-dry		0.01		SW6020	08/01/07 01:10 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/31/07 18:37 / cp
RADIONUCLIDES - GAMMA							
Radium 226	39.9	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	3.6	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	260	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	3.1	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	38	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.8	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-005
Client Sample ID: MD-DH9-002

Report Date: 08/29/07
Collection Date: 07/16/07 16:23
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	79	%		1.0		ASA15-5	07/25/07 16:07 / jb
Silt	9.0	%		1.0		ASA15-5	07/25/07 16:07 / jb
Clay	12	%		1.0		ASA15-5	07/25/07 16:07 / jb
Texture	SL			1.0		ASA15-5	07/25/07 16:07 / jb
Coarse Fragments	2.1	%		1.0		ASA15-5	07/25/07 16:07 / jb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	ND	%		0.02		ASA29-3	07/26/07 13:59 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-006
Client Sample ID: MD-DH9-003

Report Date: 08/29/07
Collection Date: 07/16/07 16:28
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	3.2	mg/L		0.2		E200.7	08/02/07 15:39 / ts
Magnesium	0.54	mg/L	D	0.04		E200.7	08/02/07 15:39 / ts
Potassium	ND	mg/L		3		E200.7	08/02/07 15:39 / ts
Sodium	14	mg/L		5		E200.7	08/02/07 15:39 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	5.2	mg/L		0.1		E200.8	07/24/07 00:33 / bws
Arsenic	0.001	mg/L		0.001		E200.8	07/24/07 00:33 / bws
Barium	ND	mg/L		0.01		E200.8	07/24/07 00:33 / bws
Lead	ND	mg/L		0.04		E200.8	07/24/07 00:33 / bws
Manganese	ND	mg/L		0.01		E200.8	07/24/07 00:33 / bws
Molybdenum	0.005	mg/L		0.001		E200.8	07/24/07 00:33 / bws
Selenium	ND	mg/L	D	0.002		E200.8	07/24/07 00:33 / bws
Uranium	0.140	mg/L		0.0001		E200.8	07/24/07 00:33 / bws
Vanadium	0.038	mg/L		0.005		E200.8	07/24/07 00:33 / bws
METALS - TOTAL							
Uranium	139	mg/kg-dry	D	0.03		SW6020	08/04/07 06:21 / sml
RADIONUCLIDES - GAMMA							
Radium 226	28.9	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	2.6	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	158	pCi/L		1.0		E900.0	08/02/07 02:38 / res
Gross Alpha precision (±)	3.5	pCi/L				E900.0	08/02/07 02:38 / res
Radium 226	2.7	pCi/L		1.0		E903.0	08/08/07 05:50 / trs
Radium 226 precision (±)	0.8	pCi/L				E903.0	08/08/07 05:50 / trs
Radium 228	ND	pCi/L		1.4		RA-05	08/02/07 09:14 / plj
RADIONUCLIDES - TOTAL							
Gross Alpha	289	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	3.3	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	26	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.7	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-007
Client Sample ID: P3-DH8-010

Report Date: 08/29/07
Collection Date: 07/16/07 08:05
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	97.5	mg/kg-dry	D	0.03		SW6020	08/04/07 06:25 / sml
RADIONUCLIDES - GAMMA							
Radium 226	21.1	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	1.9	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	142	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	2.3	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	16	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.5	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-008
Client Sample ID: P3-DH8-302

Report Date: 08/29/07
Collection Date: 07/16/07 08:05
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	78.5	mg/kg-dry	D	0.03		SW6020	08/04/07 06:29 / sml
RADIONUCLIDES - GAMMA							
Radium 226	20.0	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	1.9	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	112	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	2.1	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	9.3	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-009
Client Sample ID: P3-DH8-014

Report Date: 08/29/07
Collection Date: 07/16/07 08:30
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.84	mmhos/cm		0.01		ASAM10-3	07/26/07 10:02 / jb
Saturation Percentage	49.4	%		0.1		USDA27a	07/26/07 10:58 / jb
pH, sat. paste	5.4	s.u.		0.01		ASAM10-3.2	07/26/07 10:02 / jb
Nitrogen, Nitrate+Nitrite as N	3.6	mg/kg-dry		1.0		E353.2	08/02/07 17:39 / ljl
Chloride, soluble	11.4	mg/kg-dry		5.0		SW6010B	07/31/07 18:37 / sec
Potassium, soluble	13.6	mg/kg-dry		1.0		SW6010B	07/31/07 18:37 / sec
Sulfate, soluble	1420	mg/kg-dry		0.10		SW6010B	07/31/07 18:37 / sec
Calcium, sat. paste	28	meq/L		0.02		SW6010B	07/30/07 21:08 / ts
Magnesium, sat. paste	29	meq/L		0.04		SW6010B	07/30/07 21:08 / ts
Sodium, sat. paste	6.6	meq/L		0.02		SW6010B	07/30/07 21:08 / ts
Sodium Adsorption Ratio (SAR)	1.24	unitless		0.01		Calculation	07/31/07 13:31 / sec
PHYSICAL PROPERTIES							
Moisture	10.5	%		0.1		USDA26	07/20/07 12:47 / dcj
METALS - TOTAL							
Chromium	8.4	mg/kg-dry	D	0.06		SW6020	07/27/07 21:06 / bws
Mercury	0.05	mg/kg-dry		0.05		SW7471A	08/01/07 10:31 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.018	mg/kg-dry		0.005		A3114 B	08/04/07 11:11 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/26/07 09:43 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	08/01/07 02:31 / sml
Copper	1.7	mg/kg-dry	D	0.5		SW6020	08/01/07 02:31 / sml
Nickel	0.76	mg/kg-dry	D	0.09		SW6020	08/01/07 02:31 / sml
Zinc	2.18	mg/kg-dry		0.01		SW6020	08/01/07 02:31 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/31/07 18:41 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	62	%		1.0		ASA15-5	07/26/07 15:15 / jb
Silt	17	%		1.0		ASA15-5	07/26/07 15:15 / jb
Clay	21	%		1.0		ASA15-5	07/26/07 15:15 / jb
Texture	SCL			1.0		ASA15-5	07/26/07 15:15 / jb
Coarse Fragments	2.5	%		1.0		ASA15-5	07/26/07 15:15 / jb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.05	%		0.02		ASA29-3	07/26/07 13:59 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-009
Client Sample ID: P3-DH8-014

Report Date: 08/29/07
Collection Date: 07/16/07 08:30
Date Received: 06/27/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	4.84	mmhos/cm		0.01		ASAM10-3	07/26/07 10:02 / jb
Saturation Percentage	49.4	%		0.1		USDA27a	07/26/07 10:58 / jb
pH, sat. paste	5.4	s.u.		0.01		ASAM10-3.2	07/26/07 10:02 / jb
Nitrogen, Nitrate+Nitrite as N	3.6	mg/kg-dry		1.0		E353.2	08/02/07 17:39 / ljl
Chloride, soluble	11.4	mg/kg-dry		5.0		SW6010B	07/31/07 18:37 / sec
Potassium, soluble	13.6	mg/kg-dry		1.0		SW6010B	07/31/07 18:37 / sec
Sulfate, soluble	1420	mg/kg-dry		0.10		SW6010B	07/31/07 18:37 / sec
Calcium, sat. paste	28	meq/L		0.02		SW6010B	07/30/07 21:08 / ts
Magnesium, sat. paste	29	meq/L		0.04		SW6010B	07/30/07 21:08 / ts
Sodium, sat. paste	6.6	meq/L		0.02		SW6010B	07/30/07 21:08 / ts
Sodium Adsorption Ratio (SAR)	1.24	unitless		0.01		Calculation	07/31/07 13:31 / sec
PHYSICAL PROPERTIES							
Moisture	10.5	%		0.1		USDA26	07/20/07 12:47 / dcj
METALS - TOTAL							
Chromium	8.4	mg/kg-dry	D	0.06		SW6020	07/27/07 21:06 / bws
Mercury	0.05	mg/kg-dry		0.05		SW7471A	08/01/07 10:31 / kes
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.018	mg/kg-dry		0.005		A3114 B	08/04/07 11:11 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/26/07 09:43 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	08/01/07 02:31 / sml
Copper	1.7	mg/kg-dry	D	0.5		SW6020	08/01/07 02:31 / sml
Nickel	0.76	mg/kg-dry	D	0.09		SW6020	08/01/07 02:31 / sml
Zinc	2.18	mg/kg-dry		0.01		SW6020	08/01/07 02:31 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/31/07 18:41 / cp
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	62	%		1.0		ASA15-5	07/26/07 15:15 / jb
Silt	17	%		1.0		ASA15-5	07/26/07 15:15 / jb
Clay	21	%		1.0		ASA15-5	07/26/07 15:15 / jb
Texture	SCL			1.0		ASA15-5	07/26/07 15:15 / jb
Coarse Fragments	2.5	%		1.0		ASA15-5	07/26/07 15:15 / jb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	0.05	%		0.02		ASA29-3	07/26/07 13:59 / mkf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-010
Client Sample ID: P3-DH7-002

Report Date: 08/29/07
Collection Date: 07/16/07 11:25
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
AGRONOMIC PROPERTIES							
Conductivity, paste extract	1.12	mmhos/cm		0.01		ASAM10-3	07/25/07 08:21 / jb
Saturation Percentage	38.4	%		0.1		USDA27a	07/25/07 08:09 / jb
pH, sat. paste	7.7	s.u.		0.01		ASAM10-3.2	07/25/07 08:21 / jb
Nitrogen, Nitrate+Nitrite as N	1.40	mg/L		0.10		E353.2	08/03/07 16:25 / ljl
Chloride, soluble	ND	mg/kg-dry		5.0		SW6010B	07/31/07 18:37 / sec
Potassium, soluble	3.8	mg/kg-dry		1.0		SW6010B	07/31/07 18:37 / sec
Sulfate, soluble	220	mg/kg-dry		0.10		SW6010B	07/31/07 18:37 / sec
Calcium, sat. paste	6.6	meq/L		0.02		SW6010B	07/30/07 20:54 / ts
Magnesium, sat. paste	6.0	meq/L		0.04		SW6010B	07/30/07 20:54 / ts
Sodium, sat. paste	1.4	meq/L		0.02		SW6010B	07/30/07 20:54 / ts
Sodium Adsorption Ratio (SAR)	0.56	unitless		0.01		Calculation	07/31/07 13:31 / sec
PHYSICAL PROPERTIES							
Moisture	7.7	%		0.1		USDA26	07/20/07 12:48 / dcj
METALS - TOTAL							
Chromium	5.1	mg/kg-dry	D	0.06		SW6020	07/27/07 21:13 / bws
Mercury	ND	mg/kg-dry		0.05		SW7471A	08/01/07 10:33 / kes
Uranium	125	mg/kg-dry	D	0.03		SW6020	08/04/07 06:50 / sml
METALS - ABDTPA EXTRACTABLE							
Arsenic	0.129	mg/kg-dry		0.005		A3114 B	08/04/07 11:15 / kes
Selenium	ND	mg/kg-dry		0.005		A3114 B	07/26/07 09:47 / kes
METALS - DTPA EXTRACTABLE							
Cadmium	ND	mg/kg-dry	D	0.3		SW6020	08/01/07 01:16 / sml
Copper	0.20	mg/kg-dry	D	0.05		SW6020	08/01/07 01:16 / sml
Nickel	ND	mg/kg-dry	D	3		SW6020	08/01/07 01:16 / sml
Zinc	0.70	mg/kg-dry		0.01		SW6020	08/01/07 01:16 / sml
METALS - NAHCO3 EXTRACTABLE							
Phosphorus, Olsen	ND	mg/kg-dry		5		SW6010B	07/31/07 18:47 / cp
RADIONUCLIDES - GAMMA							
Radium 226	34.6	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	3.1	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	197	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	2.8	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	28	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.7	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-010
Client Sample ID: P3-DH7-002

Report Date: 08/29/07
Collection Date: 07/16/07 11:25
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PARTICLE SIZE ANALYSIS / TEXTURE							
Sand	67	%		1.0		ASA15-5	07/25/07 16:07 / jb
Silt	17	%		1.0		ASA15-5	07/25/07 16:07 / jb
Clay	16	%		1.0		ASA15-5	07/25/07 16:07 / jb
Texture	SL			1.0		ASA15-5	07/25/07 16:07 / jb
Coarse Fragments	1.5	%		1.0		ASA15-5	07/25/07 16:07 / jb
ORGANIC CHARACTERISTICS							
Organic Carbon, Total (TOC)	ND	%		0.02		ASA29-3	07/26/07 13:59 / mkf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-011
Client Sample ID: P3-DH7-009

Report Date: 08/29/07
Collection Date: 07/16/07 12:00
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS - SPLP EXTRACTABLE							
Calcium	27.9	mg/L		0.2	E200.7		08/02/07 15:42 / ts
Magnesium	12.8	mg/L	D	0.04	E200.7		08/02/07 15:42 / ts
Potassium	ND	mg/L		3	E200.7		08/02/07 15:42 / ts
Sodium	ND	mg/L		5	E200.7		08/02/07 15:42 / ts
METALS - SPLP EXTRACTABLE							
Aluminum	ND	mg/L		0.1	E200.8		07/24/07 00:40 / bws
Arsenic	ND	mg/L		0.001	E200.8		07/24/07 00:40 / bws
Barium	ND	mg/L		0.01	E200.8		07/24/07 00:40 / bws
Lead	ND	mg/L		0.04	E200.8		07/24/07 00:40 / bws
Manganese	ND	mg/L		0.01	E200.8		07/24/07 00:40 / bws
Molybdenum	ND	mg/L		0.001	E200.8		07/24/07 00:40 / bws
Selenium	ND	mg/L	D	0.002	E200.8		07/24/07 00:40 / bws
Uranium	0.0165	mg/L		0.0001	E200.8		07/24/07 00:40 / bws
Vanadium	ND	mg/L		0.005	E200.8		07/24/07 00:40 / bws
RADIONUCLIDES - SPLP EXTRACTABLE							
Gross Alpha	10.3	pCi/L		1.0	E900.0		08/02/07 02:38 / res
Gross Alpha precision (±)	0.9	pCi/L			E900.0		08/02/07 02:38 / res
Radium 226	1.0	pCi/L		1.0	E903.0		08/08/07 06:50 / trs
Radium 226 precision (±)	0.7	pCi/L			E903.0		08/08/07 06:50 / trs
Radium 228	ND	pCi/L		1.4	RA-05		08/02/07 10:51 / plj

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Montgomery Watson Harza
Project: St. Anthony Mine
Lab ID: C07070856-012
Client Sample ID: P3-DH7-015

Report Date: 08/29/07
Collection Date: 07/16/07 12:30
Date Received: 07/19/07
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	31.4	mg/kg-dry	D	0.03		SW6020	08/04/07 06:54 / smt
RADIONUCLIDES - GAMMA							
Radium 226	12.5	pCi/g-dry		1.0		E901.1	08/08/07 14:09 / dpb
Radium 226 precision (±)	1.2	pCi/g-dry				E901.1	08/08/07 14:09 / dpb
RADIONUCLIDES - TOTAL							
Gross Alpha	98.4	pCi/g-dry		2.0		E900.0	08/07/07 10:00 / res
Gross Alpha precision (±)	1.9	pCi/g-dry				E900.0	08/07/07 10:00 / res
Thorium 230	7.4	pCi/g-dry		0.2		E907.0	08/02/07 15:00 / dmf
Thorium 230 precision (±)	0.4	pCi/g-dry				E907.0	08/02/07 15:00 / dmf

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: St. Anthony Mine

Report Date: 08/29/07
Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A3114 B Batch: 15394									
Sample ID: C07070856-010DDUP Selenium	Sample Duplicate 0.00241	mg/kg-dry	0.0050			Run: CVAA-C202_070726A 85 115	0.0	07/26/07 09:52 10	
Sample ID: C07070856-003DMS Selenium	Sample Matrix Spike 0.234	mg/kg-dry	0.0050	112		Run: CVAA-C202_070726A 85 115		07/26/07 09:54	
Sample ID: C07070856-003DMSD Selenium	Sample Matrix Spike Duplicate 0.234	mg/kg-dry	0.0050	112		Run: CVAA-C202_070726A 85 115	0.1	07/26/07 09:56 10	
Sample ID: LCS-15394 Selenium	Laboratory Control Sample 0.0424	mg/kg-dry	0.0050	85		Run: CVAA-C202_070726A 85 115		07/26/07 10:03	
Sample ID: MB-15394 Arsenic	Method Blank 0.002	mg/kg	0.001			Run: CVAA-C202_070804A		08/04/07 11:03	
Sample ID: C07070856-010DDUP Arsenic	Sample Duplicate 0.116	mg/kg	0.0050			Run: CVAA-C202_070804A	11	08/04/07 11:17 10	R
Sample ID: C07070856-010DMS Arsenic	Sample Matrix Spike 0.329	mg/kg	0.0050	100		Run: CVAA-C202_070804A 85 115		08/04/07 11:19	
Sample ID: C07070856-010DMSD Arsenic	Sample Matrix Spike Duplicate 0.332	mg/kg	0.0050	102		Run: CVAA-C202_070804A 85 115	0.9	08/04/07 11:21 10	
Method: A3114 B Batch: 15415									
Sample ID: C07070856-009DDUP Selenium	Sample Duplicate 0.00277	mg/kg-dry	0.0050			Run: CVAA-C202_070726A 85 115	0.0	07/26/07 09:45 10	
Sample ID: C07070856-009DMS Selenium	Sample Matrix Spike 0.232	mg/kg-dry	0.0050	114		Run: CVAA-C202_070726A 85 115		07/26/07 09:58	
Sample ID: C07070856-009DMSD Selenium	Sample Matrix Spike Duplicate 0.230	mg/kg-dry	0.0050	113		Run: CVAA-C202_070726A 85 115	0.8	07/26/07 10:00 10	
Sample ID: MB-15415 Arsenic	Method Blank 0.004	mg/kg	0.001			Run: CVAA-C202_070804A		08/04/07 10:57	
Sample ID: C07070856-009DDUP Arsenic	Sample Duplicate 0.0120	mg/kg	0.0050			Run: CVAA-C202_070804A	40	08/04/07 11:13 10	R

Qualifiers:

RL - Analyte reporting limit.
R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: St. Anthony Mine

Report Date: 08/29/07
Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASA15-5									Batch: 15382
Sample ID: C07070856-010IDUP	Sample Duplicate					Run: PSA_070725A			07/25/07 16:07
Sand	67	%	1.0				0.0	20	
Silt	17	%	1.0				0.0	20	
Clay	16	%	1.0				0.0	20	
Texture	ND		1.0						
Method: ASA15-5									Batch: 15420
Sample ID: LCS-15420	Laboratory Control Sample					Run: PSA_070726A			07/26/07 15:15
Sand	27	%	1.0	74	85	115			S
Silt	37	%	1.0	126	85	115			S
Clay	36	%	1.0	105	85	115			
Sample ID: C07070856-009IDUP	Sample Duplicate					Run: PSA_070726A			07/26/07 15:15
Sand	62	%	1.0				0.0	20	
Silt	17	%	1.0				0.0	20	
Clay	21	%	1.0				0.0	20	
Texture	ND		1.0						
Method: ASA29-3									Batch: 15412
Sample ID: MBLK-15412	Method Blank					Run: HACH DR3000_070726C			07/26/07 13:57
Organic Carbon, Total (TOC)	ND	%	0.02						
Sample ID: LCS-15412	Laboratory Control Sample					Run: HACH DR3000_070726C			07/26/07 13:57
Organic Carbon, Total (TOC)	0.73	%	0.10	67	70	120			S
Sample ID: C07070856-010GDUP	Sample Duplicate					Run: HACH DR3000_070726C			07/26/07 13:59
Organic Carbon, Total (TOC)	ND	%	0.10				0.0	20	
Method: ASAM10-3									Batch: 15406
Sample ID: LCS-15406	Laboratory Control Sample					Run: COND1-C_070725A			07/25/07 08:19
Conductivity, paste extract	3.94	mmhos/cm	0.010	103	80	120			
Sample ID: C07070856-010CDUP	Sample Duplicate					Run: COND1-C_070725A			07/25/07 08:22
Conductivity, paste extract	1.13	mmhos/cm	0.010				0.8	20	
Method: ASAM10-3									Batch: 15421
Sample ID: LCS-15421	Laboratory Control Sample					Run: COND1-C_070726A			07/26/07 10:01
Conductivity, paste extract	4.49	mmhos/cm	0.010	118	80	120			
Sample ID: C07070856-009CDUP	Sample Duplicate					Run: COND1-C_070726A			07/26/07 10:03
Conductivity, paste extract	4.89	mmhos/cm	0.010				1.0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: ASAM10-3.2 Batch: 15406									
Sample ID: LCS-15406	Laboratory Control Sample			Run: COND1-C_070725A			07/25/07 08:19		
pH, sat. paste	7.0	s.u.	0.10	102	80	120			
Sample ID: C07070856-010CDUP	Sample Duplicate			Run: COND1-C_070725A			07/25/07 08:22		
pH, sat. paste	7.7	s.u.	0.10				0.1	20	
Method: ASAM10-3.2 Batch: 15421									
Sample ID: LCS-15421	Laboratory Control Sample			Run: COND1-C_070726A			07/26/07 10:01		
pH, sat. paste	7.0	s.u.	0.10	102	80	120			
Sample ID: C07070856-009CDUP	Sample Duplicate			Run: COND1-C_070726A			07/26/07 10:03		
pH, sat. paste	5.3	s.u.	0.10				1.7	20	
Method: ASAM10-3.2 Analytical Run: COND1-C_070725A									
Sample ID: CCV-A0707250816	Continuing Calibration Verification Standard						07/25/07 08:18		
pH, sat. paste	7.0	s.u.	0.10	100	90	110			
Method: ASAM10-3.2 Analytical Run: COND1-C_070726A									
Sample ID: CCV-A0707261056	Continuing Calibration Verification Standard						07/26/07 10:00		
pH, sat. paste	7.0	s.u.	0.10	100	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									
Batch: 15360									
Sample ID: MB-15360	Method Blank		Run: ICP1-C_070731A				07/31/07 16:31		
Calcium	0.1	mg/L	0.04						
Magnesium	ND	mg/L	0.04						
Potassium	0.3	mg/L	0.08						
Sodium	2	mg/L	0.06						
Sample ID: LCS-15162	Laboratory Control Sample		Run: ICP1-C_070802A				08/02/07 15:35		
Calcium	51.1	mg/L	0.50	102	85	115			
Magnesium	50.4	mg/L	0.50	101	85	115			
Potassium	48.2	mg/L	0.50	96	85	115			
Sodium	51.8	mg/L	0.50	104	85	115			
Sample ID: C07070856-011AMS	Sample Matrix Spike		Run: ICP1-C_070802A				08/02/07 15:45		
Calcium	82.4	mg/L	0.50	109	70	130			
Magnesium	66.5	mg/L	0.50	107	70	130			
Potassium	53.5	mg/L	0.50	105	70	130			
Sodium	54.9	mg/L	0.50	103	70	130			
Sample ID: C07070856-011AMSD	Sample Matrix Spike Duplicate		Run: ICP1-C_070802A				08/02/07 15:49		
Calcium	79.6	mg/L	0.50	103	70	130	3.5	20	
Magnesium	63.9	mg/L	0.50	102	70	130	4.0	20	
Potassium	51.3	mg/L	0.50	100	70	130	4.2	20	
Sodium	52.8	mg/L	0.50	99	70	130	3.9	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									
Batch: 15498									
Sample ID: LRB	Method Blank		Run: ICP1-C_070730A				07/30/07 14:56		
Calcium	ND	mg/L	0.04						
Magnesium	0.07	mg/L	0.04						
Sodium	ND	mg/L	0.06						
Sample ID: C07070896-010AMS	Sample Matrix Spike		Run: ICP1-C_070730A				07/30/07 16:59		
Calcium	179	mg/L	0.50	115	70	130			
Magnesium	77.3	mg/L	0.50	98	70	130			
Sodium	92.4	mg/L	0.50	99	70	130			
Sample ID: C07070896-010AMSD	Sample Matrix Spike Duplicate		Run: ICP1-C_070730A				07/30/07 17:03		
Calcium	179	mg/L	0.50	114	70	130	0.3	20	
Magnesium	77.3	mg/L	0.50	98	70	130	0.0	20	
Sodium	92.4	mg/L	0.50	99	70	130	0.0	20	
Sample ID: LFB-ICP25304	Laboratory Fortified Blank		Run: ICP1-C_070730A				07/30/07 21:34		
Calcium	49.9	mg/L	0.50	100	85	125			
Magnesium	50.9	mg/L	0.50	102	85	125			
Sodium	48.9	mg/L	0.50	98	85	125			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Report Date: 08/29/07

Project: St. Anthony Mine

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: 15360
Sample ID: MB-15360	Method Blank								Run: ICPMS2-C_070723A 07/23/07 23:26
Aluminum	0.008	mg/L	0.0001						
Arsenic	ND	mg/L	6E-05						
Barium	0.0004	mg/L	3E-05						
Lead	9E-05	mg/L	3E-05						
Manganese	0.0002	mg/L	5E-05						
Molybdenum	0.0003	mg/L	5E-05						
Selenium	ND	mg/L	0.0002						
Uranium	0.0001	mg/L	1E-05						
Vanadium	0.0001	mg/L	3E-05						
Sample ID: C07070856-011AMS4	Post Digestion Spike								Run: ICPMS2-C_070723A 07/24/07 00:47
Aluminum	0.545	mg/L	0.10	104	70	130			
Arsenic	0.536	mg/L	0.0010	107	70	130			
Barium	0.533	mg/L	0.10	106	70	130			
Lead	0.527	mg/L	0.050	105	70	130			
Manganese	0.531	mg/L	0.010	106	70	130			
Molybdenum	0.515	mg/L	0.10	103	70	130			
Selenium	0.541	mg/L	0.0023	108	70	130			
Uranium	0.535	mg/L	0.00030	104	70	130			
Vanadium	0.532	mg/L	0.10	106	70	130			
Sample ID: C07070856-011AMSD4	Post Digestion Spike Duplicate								Run: ICPMS2-C_070723A 07/24/07 00:54
Aluminum	0.583	mg/L	0.10	112	70	130	6.8	20	
Arsenic	0.529	mg/L	0.0010	106	70	130	1.3	20	
Barium	0.535	mg/L	0.10	106	70	130	0.4	20	
Lead	0.526	mg/L	0.050	104	70	130	0.2	20	
Manganese	0.531	mg/L	0.010	106	70	130	0.1	20	
Molybdenum	0.514	mg/L	0.10	103	70	130	0.2	20	
Selenium	0.536	mg/L	0.0023	107	70	130	0.8	20	
Uranium	0.534	mg/L	0.00030	104	70	130	0.1	20	
Vanadium	0.525	mg/L	0.10	105	70	130	1.3	20	
Sample ID: LCS-15325	Laboratory Control Sample								Run: ICPMS2-C_070723A 07/24/07 06:25
Aluminum	0.519	mg/L	0.10	104	85	115			
Arsenic	0.519	mg/L	0.0010	104	85	115			
Barium	0.519	mg/L	0.10	104	85	115			
Lead	0.521	mg/L	0.050	104	85	115			
Manganese	0.502	mg/L	0.010	100	85	115			
Molybdenum	0.537	mg/L	0.10	107	85	115			
Selenium	0.526	mg/L	0.0020	105	85	115			
Uranium	0.518	mg/L	0.00032	104	85	115			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: 15360
Sample ID: LCS-15325	Laboratory Control Sample								Run: ICPMS2-C_070723A 07/24/07 06:25
Vanadium	0.509	mg/L	0.10	102	85	115			
Method: E353.2									Batch: 15396
Sample ID: MB-15396	Method Blank								Run: TECHNICON_070802B 08/02/07 17:14
Nitrogen, Nitrate+Nitrite as N	1	mg/kg-dry	0.3						
Sample ID: LCS-15396	Laboratory Control Sample								Run: TECHNICON_070802B 08/02/07 17:17
Nitrogen, Nitrate+Nitrite as N	4.90	mg/kg-dry	1.0	80	75	125			
Sample ID: C07070856-010FDUP	Sample Duplicate								Run: TECHNICON_070803A 08/03/07 16:27
Nitrogen, Nitrate+Nitrite as N	1.39	mg/L	0.10				0.7	10	
Method: E353.2									Batch: 15419
Sample ID: MB-15419	Method Blank								Run: TECHNICON_070802B 08/02/07 17:34
Nitrogen, Nitrate+Nitrite as N	1	mg/kg-dry	0.3						
Sample ID: LCS-15419	Laboratory Control Sample								Run: TECHNICON_070802B 08/02/07 17:37
Nitrogen, Nitrate+Nitrite as N	4.80	mg/kg-dry	1.0	78	75	125			
Sample ID: C07070856-009FDUP	Sample Duplicate								Run: TECHNICON_070802B 08/02/07 17:41
Nitrogen, Nitrate+Nitrite as N	3.93	mg/kg-dry	1.0				8.1	20	
Method: E900.0									Batch: 15408
Sample ID: C07070856-005LMD	Sample Duplicate								Run: G5000W_070807A 08/07/07 10:00
Gross Alpha	283	pCi/g-dry	2.0		70	130	8.5	30	

Qualifiers:

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ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E900.0 Batch: GrAB-0300									
Sample ID: RB-GrAB-0300	Method Blank					Run: G5000W_070727D			08/01/07 02:05
Gross Alpha	ND	pCi/L	1						
Sample ID: UNAT-GrAB-0300	Laboratory Control Sample					Run: G5000W_070727D			08/01/07 02:05
Gross Alpha	300	pCi/L	1.0	104	70	130			
Sample ID: C07070880-001AMS	Sample Matrix Spike					Run: G5000W_070727D			08/01/07 02:05
Gross Alpha	200	pCi/L	1.0	61	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the low response is considered to be matrix related. The batch is approved.									
Sample ID: C07070880-001AMSD	Sample Matrix Spike Duplicate					Run: G5000W_070727D			08/01/07 02:05
Gross Alpha	100	pCi/L	1.0	55	70	130	10	13.7	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the low response is considered to be matrix related. The batch is approved.									
Sample ID: C07070856-006ADUP	Sample Duplicate					Run: G5000W_070727D			08/02/07 02:38
Gross Alpha	160	pCi/L	1.0				0.5	14.4	
Gross Alpha precision (±)	3.5	pCi/L							
Method: E907.0 Batch: 15390									
Sample ID: LCS-R88040	Laboratory Control Sample					Run: EGG-ORTEC_070802A			08/02/07 15:00
Thorium 230	4.00	pCi/g-dry	0.10	82	70	130			
Sample ID: MB-R88040	Method Blank					Run: EGG-ORTEC_070802A			08/02/07 15:00
Thorium 230	ND	pCi/g-dry	0.01						
Method: E907.0 Batch: R88480									
Sample ID: LCS-R88480	Laboratory Control Sample					Run: EGG-ORTEC_070808B			08/08/07 15:00
Thorium 230	3.60pCi/L		0.20	73	70	130			
Sample ID: C07070874-008AMS	Sample Matrix Spike					Run: EGG-ORTEC_070808B			08/08/07 15:00
Thorium 230	12.8pCi/L		0.20	78	70	130			
Sample ID: C07070874-008AMSD	Sample Matrix Spike Duplicate					Run: EGG-ORTEC_070808B			08/08/07 15:00
Thorium 230	12.0pCi/L		0.20	73	70	130	6.5	30	
Sample ID: MB-R88480	Method Blank					Run: EGG-ORTEC_070808B			08/08/07 15:00
Thorium 230	ND	pCi/L	0.2						

Qualifiers:

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ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Client: Montgomery Watson Harza

Report Date: 08/29/07

Project: St. Anthony Mine

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05							Batch: RA228-1748		
Sample ID: LCS-228-RA226-2205 Radium 228	Laboratory Control Sample 0.57	pCi/g-dry	0.10	100	70	130			08/02/07 09:14
Sample ID: MB-RA226-2205 Radium 228	Method Blank ND	pCi/g-dry	0.05						08/02/07 09:14
Sample ID: C07070289-004ADUP Radium 228	Sample Duplicate ND	pCi/g-dry	0.10				0.0	208.3	08/02/07 09:14
Sample ID: C07070856-006AMS Radium 228	Sample Matrix Spike 19.9	pCi/g-dry	0.10	96	70	130			08/02/07 09:14
Method: SW6010B							Batch: 15397		
Sample ID: MB-15397 Phosphorus	Method Blank 2	mg/kg-dry	0.6						07/31/07 18:01
Sample ID: LCS-15397 Phosphorus	Laboratory Control Sample 9.58	mg/kg-dry	5.0	31	70	130			07/31/07 18:08 S
Sample ID: C07070856-003EMS2 Phosphorus	Sample Matrix Spike 106	mg/kg-dry	5.0	83	75	125			07/31/07 18:14
Sample ID: C07070856-003EMSD2 Phosphorus	Sample Matrix Spike Duplicate 107	mg/kg-dry	5.0	84	75	125	1.6	20	07/31/07 18:18

Qualifiers:

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QA/QC Summary Report

Client: Montgomery Watson Harza

Report Date: 08/29/07

Project: St. Anthony Mine

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B Batch: 15406									
Sample ID: MB-15106	Method Blank				Run: ICP1-C_070730A				07/30/07 20:21
Calcium	ND	mg/L	0.06						
Magnesium	ND	mg/L	0.05						
Sodium	ND	mg/L	0.06						
Sample ID: LCS-15106	Laboratory Control Sample				Run: ICP1-C_070730A				07/30/07 20:24
Calcium	580	mg/L	0.50	97	75	125			
Magnesium	200	mg/L	0.50	93	75	125			
Sodium	230	mg/L	0.50	92	75	125			
Sample ID: C07070856-005CMS	Sample Matrix Spike				Run: ICP1-C_070730A				07/30/07 20:38
Calcium	260	mg/L	0.50	101	75	125			
Magnesium	260	mg/L	0.50	103	75	125			
Sodium	400	mg/L	0.50	97	75	125			
Sample ID: C07070856-005CMSD	Sample Matrix Spike Duplicate				Run: ICP1-C_070730A				07/30/07 20:41
Calcium	250	mg/L	0.50	98	75	125	2.9	20	
Magnesium	250	mg/L	0.50	100	75	125	3.1	20	
Sodium	390	mg/L	0.50	94	75	125	1.6	20	
Sample ID: C07070856-010CDUP	Sample Duplicate				Run: ICP1-C_070730A				07/30/07 20:57
Calcium	140	mg/L	0.50				1.7	20	
Magnesium	72	mg/L	0.50				0.7	20	
Sodium	32	mg/L	0.50				1.6	20	
Method: SW6010B Batch: 15417									
Sample ID: MB-15417	Method Blank				Run: ICP2-C_070731A				07/31/07 17:58
Phosphorus	2	mg/kg-dry	0.6						
Sample ID: LCS-15417	Laboratory Control Sample				Run: ICP2-C_070731A				07/31/07 18:05
Phosphorus	8.36	mg/kg-dry	5.0	26	70	130			S
Sample ID: C07070856-009EDUP	Sample Duplicate				Run: ICP2-C_070731A				07/31/07 18:44
Phosphorus	3.27	mg/kg-dry	5.0				0.0	20	

Qualifiers:

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QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B									
Batch: 15498									
Sample ID: MB-15421	Method Blank		Run: ICP1-C_070730A			07/30/07 21:01			
Calcium	ND	mg/L	0.06						
Magnesium	ND	mg/L	0.05						
Sodium	ND	mg/L	0.06						
Sample ID: LCS-15421	Laboratory Control Sample		Run: ICP1-C_070730A			07/30/07 21:04			
Calcium	590	mg/L	0.50	98	75	125			
Magnesium	210	mg/L	0.50	94	75	125			
Sodium	230	mg/L	0.50	92	75	125			
Sample ID: C07070856-009CDUP	Sample Duplicate		Run: ICP1-C_070730A			07/30/07 21:11			
Calcium	560	mg/L	0.50				0.4	20	
Magnesium	350	mg/L	0.50				0.6	20	
Sodium	150	mg/L	0.50				0.2	20	
Method: SW6020									
Batch: 15395									
Sample ID: MB-15395	Method Blank		Run: ICPMS2-C_070731A			08/01/07 00:15			
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.05						
Nickel	ND	mg/kg-dry	0.3						
Zinc	0.04	mg/kg-dry							
Sample ID: LCS-15395	Laboratory Control Sample		Run: ICPMS2-C_070731A			08/01/07 00:29			
Copper	1.43	mg/kg-dry	0.60	102	50	150			
Zinc	0.598	mg/kg-dry	0.020	92	50	150			
Sample ID: C07070856-010BMS4	Post Digestion Spike		Run: ICPMS2-C_070731A			08/01/07 01:30			
Cadmium	1.07	mg/kg-dry	0.66	107	75	125			
Copper	1.26	mg/kg-dry	0.060	107	75	125			
Nickel	1.09	mg/kg-dry	0.93	109	75	125			
Zinc	1.75	mg/kg-dry	0.020	105	75	125			
Sample ID: C07070856-010BMSD4	Post Digestion Spike Duplicate		Run: ICPMS2-C_070731A			08/01/07 01:37			
Cadmium	1.05	mg/kg-dry	0.66	105	75	125			
Copper	1.26	mg/kg-dry	0.060	106	75	125			
Nickel	1.09	mg/kg-dry	0.93	109	75	125			
Zinc	1.73	mg/kg-dry	0.020	103	75	125			

Qualifiers:

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QA/QC Summary Report

Client: Montgomery Watson Harza

Report Date: 08/29/07

Project: St. Anthony Mine

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15401
Sample ID: MB-15401	Method Blank								Run: ICPMS2-C_070727A 07/27/07 19:25
Chromium	0.001	mg/kg-dry	0.0001						
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS-15401	Laboratory Control Sample								Run: ICPMS2-C_070727A 07/27/07 19:39
Chromium	1.0	mg/kg-dry	2.5	104	70	130			
Uranium	1.0	mg/kg-dry	0.15	105	70	130			
Sample ID: C07070856-010AMS4	Post Digestion Spike								Run: ICPMS2-C_070727A 07/27/07 21:20
Chromium	29	mg/kg-dry	2.5	103	75	125			
Uranium	150	mg/kg-dry	0.15		75	125			A
Sample ID: C07070856-010AMSD4	Post Digestion Spike Duplicate								Run: ICPMS2-C_070727A 07/27/07 21:27
Chromium	29	mg/kg-dry	2.5	102	75	125	0.9	20	
Uranium	150	mg/kg-dry	0.15		75	125	1.3	20	A
Sample ID: MB-15401	Method Blank								Run: ICPMS2-C_070803A 08/04/07 05:36
Uranium	ND	mg/kg-dry	6E-05						
Sample ID: LCS-15401	Laboratory Control Sample								Run: ICPMS2-C_070803A 08/04/07 05:44
Uranium	1.00	mg/kg-dry	0.015	100	75	125			
Sample ID: C07070856-012AMS4	Sample Matrix Spike								Run: ICPMS2-C_070803A 08/04/07 06:58
Uranium	56.8	mg/kg-dry	0.028	109	75	125			
Sample ID: C07070856-012AMSD4	Sample Matrix Spike Duplicate								Run: ICPMS2-C_070803A 08/04/07 07:02
Uranium	54.9	mg/kg-dry	0.028	100	75	125	3.4	20	

Qualifiers:

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ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level. In accordance with the method % recovery is not calculated.



QA/QC Summary Report

Client: Montgomery Watson Harza
Project: St. Anthony Mine

Report Date: 08/29/07
Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 15416
Sample ID: MB-15416	Method Blank								Run: ICPMS2-C_070731A 08/01/07 02:11
Cadmium	ND	mg/kg-dry	0.07						
Copper	ND	mg/kg-dry	0.05						
Nickel	ND	mg/kg-dry	0.3						
Zinc	0.04	mg/kg-dry							
Sample ID: LCS-15416	Laboratory Control Sample								Run: ICPMS2-C_070731A 08/01/07 02:17
Copper	1.38	mg/kg-dry	0.60	99	50	150			
Zinc	0.578	mg/kg-dry	0.020	89	50	150			
Sample ID: C07070856-009BDUP	Sample Duplicate								Run: ICPMS2-C_070731A 08/01/07 02:38
Cadmium	ND	mg/kg-dry	0.32				0.0	30	
Copper	1.46	mg/kg-dry	0.60				14	30	
Nickel	0.684	mg/kg-dry	0.093				10.0	30	
Zinc	1.99	mg/kg-dry	0.020				9.5	30	
Sample ID: C07070856-009BMS4	Post Digestion Spike								Run: ICPMS2-C_070731A 08/01/07 02:44
Cadmium	1.06	mg/kg-dry	0.32	106	75	125			
Copper	2.71	mg/kg-dry	0.60	103	75	125			
Nickel	1.80	mg/kg-dry	0.093	104	75	125			
Zinc	3.18	mg/kg-dry	0.020	100	75	125			
Sample ID: C07070856-009BMSD4	Post Digestion Spike Duplicate								Run: ICPMS2-C_070731A 08/01/07 02:51
Cadmium	1.03	mg/kg-dry	0.32	103	75	125			
Copper	2.66	mg/kg-dry	0.60	98	75	125			
Nickel	1.76	mg/kg-dry	0.093	100	75	125			
Zinc	3.13	mg/kg-dry	0.020	95	75	125			
Method: SW7471A									Batch: 15474
Sample ID: MB-15474	Method Blank								Run: CVAA-C201_070801A 08/01/07 10:20
Mercury	ND	mg/kg-dry	0.04						
Sample ID: C07070856-003HMS	Sample Matrix Spike								Run: CVAA-C201_070801A 08/01/07 10:47
Mercury	0.86	mg/kg-dry	0.050	92	85	115			
Sample ID: C07070856-003HMSD	Sample Matrix Spike Duplicate								Run: CVAA-C201_070801A 08/01/07 10:51
Mercury	0.94	mg/kg-dry	0.050	97	85	115	8.7	30	
Sample ID: LCS-15474	Laboratory Control Sample								Run: CVAA-C201_070801A 08/01/07 10:55
Mercury	0.49	mg/kg-dry	0.050	98	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Montgomery Watson Harza

Project: St. Anthony Mine

Report Date: 08/29/07

Work Order: C07070856

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: USDA27a									Batch: SAT070724A
Sample ID: C07070856-010CDUP	Sample Duplicate								Run: SARTORIUS CP3202_070725 07/25/07 08:09
Saturation Percentage	43.3	%	0.10				12	10	R
Sample ID: LCS	Laboratory Control Sample								Run: SARTORIUS CP3202_070725 07/25/07 08:09
Saturation Percentage	52.9	%	0.10	105	80	120			
Method: USDA27a									Batch: SAT070725A
Sample ID: C07070856-009CDUP	Sample Duplicate								Run: SARTORIUS_070726A 07/26/07 10:58
Saturation Percentage	46.9	%	0.10				5.4	10	
Sample ID: LCS	Laboratory Control Sample								Run: SARTORIUS_070726A 07/26/07 10:58
Saturation Percentage	53.9	%	0.10	107	80	120			

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

Page 1 of 2

PLEASE PRINT- Provide as much information as possible.

Company Name: MWH		Project Name, PWS, Permit, Etc.		Sample Origin		EPA/State Compliance:	
Report Mail Address: Steamboat Springs, CO		Contact Name: St. Anthony Mine		State:		Yes ☐ No ☐	
Invoice Address: Same		Phone/Fax:		Email:		Sampler: (Please Print) Toby Leeson	
Special Report/Formats - ELI must be notified prior to sample submittal for the following:		Purchase Order:		Quote/Bottle Order:			
☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____		☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC		Number of Containers Air Water Soils/Solids Vegetation Bioassay Other		ANALYSIS REQUESTED SEE ATTACHED Normal Turnaround (TAT)	
MATRIX S S S S S S S S S		RUSH Comments:		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page		Shipped by: FedEx Cooler ID(s): U11ent Receipt Temp: 23.4 °C On Ice: Yes ☒ NO ☐ Custody Seal: Y N Intact: Y N Signature Match: Y N	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time		LABORATORY USE ONLY	
1 MD-DH10-001		7/17/07		0810		X	
2 MD-DH10-002		"		0812		X	
3 MD-DH10-004		"		0823		X	
4 MD-DH10-303		"		0812		X	
5 MD-DH9-002		7/16/07		1623		X	
6 MD-DH9-003		"		1628		X	
7 PB-DH8-010		"		0805		X	
8 PB-DH8-302		"		"		X	
9 PB-DH8-014		"		0830		X	
10 PB-DH7-002		"		1125		X	
Custody Record MUST be Signed		Date/Time: 7-19-07 14:30 Signature: [Signature]		Received by (print): Received by (print):		Date/Time: Date/Time:	
Sample Disposal: X Return to Client:		Date/Time:		Signature:		Date/Time:	

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.



Chain of Custody and Analytical Request Record

Page 2 of 2

PLEASE PRINT - Provide as much information as possible.

Company Name:		Project Name, PWS, Permit, Etc.		Sample Origin		EPA/State Compliance:	
Report Mail Address:		Contact Name:		State:		Yes ☐ No ☐	
Invoice Address:		Phone/Fax:		Email:		Sampler: (Please Print)	
Special Report/Formats - ELI must be notified prior to sample submittal for the following:		Purchase Order:		Quote/Bottle Order:		Shipped by:	
☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: ☐ Other:		☐ A2LA ☐ EDD/EDT (Electronic Data) Format: ☐ LEVEL IV ☐ NELAC		Shipped by: <u>Fedex</u> Cooler ID(s): Receipt Temp: <u>28.4°C</u> On Ice: Yes ☒ No ☐		Custody Seal Y ☒ N ☐ Intact Y ☐ N ☐ Signature Y ☐ N ☐ Match	
Number of Containers Sample Type: AWSVB Air Water Soils/Solids Vegetation Bioassay Other		ANALYSIS REQUESTED SEE ATTACHED Normal Turnaround (TAT)		R U S H		Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page Comments:	
MATRIX 1 P3-DH7-009 7/16/07 1200 S 2 P3-DH7-015 " 1230 S 3 4 5 6 7 8 9 10		X X X X X X X X X		Received by (print): Date/Time: 7-19-07 14:30 Signature: <u>[Signature]</u>		Received by (print): Date/Time: 7-19-07 14:30 Signature: <u>[Signature]</u>	
Sample Disposal:		Return to Client:		Lab Disposal:		Signature:	

LABORATORY USE ONLY

CO7070856

Custody Record MUST be Signed

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

7070856



Energy Laboratories Inc

Workorder Receipt Checklist



C07070856

Login completed by: Tim Hollen

Date and Time Received: 7/19/2007 2:30 PM

Reviewed by:

Received by: kh

Reviewed Date:

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	28.4°C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Contact and Corrective Action Comments:

None



Date: 29-Aug-07

CLIENT: Montgomery Watson Harza
Project: St. Anthony Mine
Sample Delivery Group: C07070856

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ORIGINAL SAMPLE SUBMITTAL(S)

All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES

All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505

Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTIFICATIONS:

USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:

The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

Analytical Method/Analytes: RAD

Sample Collection Date(s): 07/18-22/07

Laboratory: Energy Laboratories

Batch Identification: C07061467

Matrix: Soil/Leachate

Field Duplicates:

BG-TP3-120	P6-TP3-039	PO1-TP1-099/100
LOBO-TP3-134	SA-TP1-090	P6-TP1-030
PO2-TP2-105/110		
BS-TP2-069/070	P7-TP2-020/021	P6-TP6-060
P7-TP4-050		
OS1-TP6-079/080		

MS/MSD Parent(s):

TO-TP1-018	SP-TP2-086/087	P6-TP6-061
SHAFT PAD-SPLP-COMP	TO-TP1-019	P5-TP1-011/012
PO1-TP1-099/100		
MINE DUMP-SPLP-COMP	BG-TP4-122	OS1-TP6-082
P6-TP1-030		
TS-TP1-064/065	SA-TP1-089	TO-TP1-015/016
P6-TP1-030		
TS-TP1-066	P7-TP1-001/002	TS-TP1-068
OS1-TP1-081		

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
LOBO-TP1-130/131	C07061467-001				
LOBO-TP2-132	C07061467-003				
LOBO-TP2-133	C07061467-004				
LOBO-TP3-134	C07061467-005				
LOBO-TP3-135 (DUP)	C07061467-006				
LOBO-TP4-136	C07061467-007				
BS-TP1-041/042	C07061467-008				
BS-TP2-069/070	C07061467-010				
BS-TP2-305	C07061467-012				
SHAFT PAD-SPLP-COMP	C07061467-013				
MINE DUMP-SPLP-COMP	C07061467-014				
STORAGE AREA-SPLP-COMP	C07061467-015				
POND 1-SPLP-COMP	C07061467-016				
POND 2-SPLP-COMP	C07061467-017				
POND 3-SPLP-COMP	C07061467-018				
POND 4-SPLP-COMP	C07061467-019				
POND 5-SPLP-COMP	C07061467-020				
TS-TP1-064/065	C07061467-021				
TS-TP1-066	C07061467-023				
TS-TP1-067	C07061467-024				
TS-TP1-068	C07061467-025				
OS1-TP6-306	C07061467-026				
OS1-TP1-081	C07061467-027				
OS1-TP6-082	C07061467-028				
PO5-TP5-117/118	C07061467-029				
PO5-TP5-119	C07061467-031				
PO4-TP4-111/112	C07061467-032				
PO4-TP4-113	C07061467-034				
PO3-TP3-114/115	C07061467-035				
PO3-TP3-116	C07061467-037				
BG-TP1-124	C07061467-038				
BG-TP1-125	C07061467-039				
BG-TP2-126	C07061467-040				
BG-TP2-127	C07061467-041				

Analytical Method/Analytes: RAD

Sample Collection Date(s): 07/18-22/07

Laboratory: Energy Laboratories

Batch Identification: C07061467

Matrix: Soil/Leachate

Field Duplicates:

BG-TP3-120	P6-TP3-039	PO1-TP1-099/100
LOBO-TP3-134	SA-TP1-090	P6-TP1-030
BS-TP2-069/070	P7-TP2-020/021	P6-TP6-060
OS1-TP6-079/080		P7-TP4-050

MS/MSD Parent(s):

TO-TP1-018	SP-TP2-086/087	P6-TP6-061
SHAFT PAD-SPLP-COMP	TO-TP1-019	P5-TP1-011/012
MINE DUMP-SPLP-COMP	BG-TP4-122	OS1-TP6-082
TS-TP1-064/065	SA-TP1-089	TO-TP1-015/016
TS-TP1-066	P7-TP1-001/002	TS-TP1-068
		OS1-TP1-081

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
BG-TP3-120	C07061467-042				
BG-TP3-310	C07061467-043				
BG-TP3-121	C07061467-044				
TO-TP1-015/016	C07061467-045				
TO-TP1-017	C07061467-047				
TO-TP1-018	C07061467-048				
TO-TP1-019	C07061467-049				
OS1-TP6-079/080	C07061467-050				
BG-TP4-122	C07061467-052		J	MSD recovery low for Th-230	4
BG-TP4-123	C07061467-053				
TN-TP1-071	C07061467-054				
TN-TP1-072	C07061467-055				
TN-TP1-073	C07061467-056				
TN-TP1-074	C07061467-057				
TN-TP1-075	C07061467-058				
AR7-TP1-076	C07061467-059				
AR15-TP1-077	C07061467-060				
AR19-TP1-078	C07061467-061				
AR24-TP1-083	C07061467-062				
AR34-TP1-084	C07061467-063				
SA-TP1-089	C07061467-064				
SA-TP1-090	C07061467-065				
SA-TP1-307	C07061467-066				
SA-TP1-091	C07061467-067				
P7-TP2-020/021	C07061467-068				
P7-TP2-300	C07061467-070				
P7-TP2-022	C07061467-071				
P7-TP3-023/024	C07061467-072				
P7-TP3-026	C07061467-074				
P7-TP4-048/049	C07061467-075				
P7-TP4-050	C07061467-077				
P7-TP4-303	C07061467-078				
P7-TP5-053/054	C07061467-079				
P7-TP5-055	C07061467-081				

Analytical Method/Analytes: RAD

Sample Collection Date(s): 07/18-22/07

Laboratory: Energy Laboratories

Batch Identification: C07061467

Matrix: Soil/Leachate

Field Duplicates:

BG-TP3-120	P6-TP3-039	PO1-TP1-099/100
LOBO-TP3-134	SA-TP1-090	P6-TP1-030
BS-TP2-069/070	P7-TP2-020/021	P6-TP6-060
OS1-TP6-079/080		P7-TP4-050

MS/MSD Parent(s):

TO-TP1-018	SP-TP2-086/087	P6-TP6-061
SHAFT PAD-SPLP-COMP	TO-TP1-019	P5-TP1-011/012
MINE DUMP-SPLP-COMP	BG-TP4-122	OS1-TP6-082
TS-TP1-064/065	SA-TP1-089	TO-TP1-015/016
TS-TP1-066	P7-TP1-001/002	TS-TP1-068

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
P7-TP1-001/002	C07061467-082				
P7-TP1-005	C07061467-084				
P6-TP3-037/038	C07061467-085				
P6-TP3-039	C07061467-087				
P6-TP3-302	C07061467-088				
P6-TP2-032/033	C07061467-089				
P6-TP2-035	C07061467-091				
P6-TP1-028	C07061467-092				
P6-TP1-030	C07061467-093				
P6-TP1-301	C07061467-094				
P6-TP4-043/044	C07061467-095				
P6-TP4-047	C07061467-097				
P6-TP5-057/058	C07061467-098				
P6-TP6-060	C07061467-100				
P6-TP6-061	C07061467-101			Sample concentration >4X spike concentration for MS, MSD, and PDS	1
P6-TP6-304	C07061467-102				
OS2-TP5-092/093	C07061467-103				
OS2-TP5-094	C07061467-105				
OS2-TP5-096	C07061467-106				
OS2-TP5-098	C07061467-107				
PO2-TP2-105/110	C07061467-108				
PO2-TP2-106	C07061467-110				
PO2-TP2-108	C07061467-111				
PO2-TP2-309	C07061467-112				
PO1-TP1-099/100	C07061467-113			Sample concentration >4X spike concentration for PDS	2
PO1-TP1-308	C07061467-115			Sample concentration >4X spike concentration for PDS	2
PO1-TP1-103	C07061467-116				
SP-TP2-086/087	C07061467-117				
SP-TP2-088	C07061467-119				
P5-TP1-010	C07061467-120				
P5-TP1-011/012	C07061467-121			Sample concentration >4X spike concentration for MS & MSD.	3

Analytical Method/Analytes: RAD

Sample Collection Date(s): 07/18-22/07

Laboratory: Energy Laboratories

Batch Identification: C07061467

Matrix: Soil/Leachate

Field Duplicates:

BG-TP3-120	P6-TP3-039	PO1-TP1-099/100
LOBO-TP3-134	SA-TP1-090	P6-TP1-030
BS-TP2-069/070	P7-TP2-020/021	P6-TP6-060
OS1-TP6-079/080		P7-TP4-050

MS/MSD Parent(s):

TO-TP1-018	SP-TP2-086/087	P6-TP6-061
SHAFT PAD-SPLP-COMP	TO-TP1-019	P5-TP1-011/012
MINE DUMP-SPLP-COMP	BG-TP4-122	OS1-TP6-082
TS-TP1-064/065	SA-TP1-089	TO-TP1-015/016
TS-TP1-066	P7-TP1-001/002	TS-TP1-068
		OS1-TP1-081

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
P6-TP5-059	C07061467-123				

Uranium

- 1 Sample concentration >4X spike concentration for MS, MSD and PDS. Recoveries not calculated
- 2 Sample concentration >4X spike concentration for PDS. Recoveries not calculated
- 3 Sample concentration >4X spike concentration for MS & MSD. Recoveries not calculated

Thorium

- 4 MSD recovery below acceptance criteria 64%(70-130). Qualify parent w/"J" potential low bias

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides										
Sample ID	LOBO-TP1-130/131	LOBO-TP2-132	LOBO-TP2-133	LOBO-TP3-134	LOBO-TP3-135 (DUP)	LOBO-TP4-136	BS-TP1-041/042	BS-TP2-069/070	BS-TP2-305	SHAFT PAD-SPLP-COMP	MINE DUMP-SPLP-COMP
Laboratory ID	-1	-3	-4	-5	-6	-7	-8	-10	-12	-13	-14
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	A
Field Duplicate/Replicate	N/A	N/A	N/A	A	A	N/A	N/A	A	A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides										
Sample ID	STORAGE AREA-SPLP- COMP	POND 1- SPLP- COMP	POND 2- SPLP- COMP	POND 3- SPLP- COMP	POND 4- SPLP- COMP	POND 5- SPLP- COMP					
Laboratory ID	-15	-16	-17	-18	-19	-20	-21	-23	-24	-25	-26
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A	A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A	A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides							
Sample ID								
	OS1-TP1-081	OS1-TP6-082	PO5-TP5-117/118	PO5-TP5-119	PO4-TP4-111/112	PO4-TP4-113	PO3-TP3-114/115	PO3-TP3-116
Laboratory ID	-27	-28	-29	-31	-32	-34	-35	-37
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	A	N/A	N/A	N/A	N/A	N/A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	A	A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides									
Sample ID	BG-TP1-124	BG-TP1-125	BG-TP2-126	BG-TP2-127	BG-TP3-120	BG-TP3-310	BG-TP3-121	TO-TP1-015/016	TO-TP1-017	TO-TP1-018
Laboratory ID	-38	-39	-40	-41	-42	-43	-44	-45	-47	-48
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	A	A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides**Laboratory: Energy Laboratories****Batch Identification: C07061647**

Analysis	Radionuclides									
Sample ID										
	TO-TP1-019	OS1-TP6-079/080	BG-TP4-122	BG-TP4-123	TN-TP1-071	TN-TP1-072	TN-TP1-073	TN-TP1-074	TN-TP1-075	AR7-TP1-076
Laboratory ID	-49	-50	-52	-53	-54	-55	-56	-57	-58	-59
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	N/A	A ⁴	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides								
Sample ID									
	AR15-TP1-077	AR19-TP1-078	AR24-TP1-083	AR34-TP1-084	SA-TP1-089	SA-TP1-090	SA-TP1-307	SA-TP1-091	P7-TP2-020/021
Laboratory ID	-60	-61	-62	-63	-64	-65	-66	-67	-68
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	A	A	N/A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides								
Sample ID									
	P7-TP2-300	P7-TP2-022	P7-TP3-023/024	P7-TP3-026	P7-TP4-048/049	P7-TP4-050	P7-TP4-303	P7-TP5-053/054	P7-TP5-055
Laboratory ID	-70	-71	-72	-74	-75	-77	-78	-79	-81
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Matrix Duplicate (lab specific)	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	A	N/A	N/A	N/A	N/A	A	A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides								
Sample ID									
	P7-TP1-001/002	P7-TP1-005	P6-TP3-037/038	P6-TP3-039	P6-TP3-302	P6-TP2-032/033	P6-TP2-035	P6-TP1-028	P6-TP1-030
Laboratory ID	-82	-84	-85	-87	-88	-89	-91	-92	-93
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A
Post Digestion Spike	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A
Field Duplicate/Replicate	N/A	N/A	N/A	A	A	N/A	N/A	N/A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides								
Sample ID									
	P6-TP1-301	P6-TP4-043/044	P6-TP4-047	P6-TP5-057/058	P6-TP6-060	P6-TP6-061	P6-TP6-304	OS2-TP5-092/093	OS2-TP5-094
Laboratory ID	-94	-95	-97	-98	-100	-101	-102	-103	-105
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	N/A	N/A	N/A	N/A	A ¹	N/A	N/A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A
Post Digestion Spike	A	N/A	N/A	N/A	N/A	A ¹	N/A	N/A	N/A
Field Duplicate/Replicate	A	N/A	N/A	N/A	A	N/A	A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides

Laboratory: Energy Laboratories

Batch Identification: C07061647

Analysis	Radionuclides							
Sample ID								
	OS2-TP5-096	OS2-TP5-098	PO2-TP2-105/110	PO2-TP2-106	PO2-TP2-108	PO2-TP2-309	PO1-TP1-099/100	PO1-TP1-308
Laboratory ID	-106	-107	-108	-110	-111	-112	-113	-115
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	A ²	A ²
Field Duplicate/Replicate	N/A	N/A	A	N/A	N/A	A	A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Radionuclides**Laboratory: Energy Laboratories****Batch Identification: C07061647**

Analysis	Radionuclides					
Sample ID						
	PO1-TP1-103	SP-TP2-086/087	SP-TP2-088	P5-TP1-010	P5-TP1-011/012	P6-TP5-059
Laboratory ID	-116	-117	-119	-120	-121	-123
Hardcopy vs. Chain of Custody	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	A	N/A	N/A	A ³	N/A
Matrix Duplicate (lab specific)	N/A	N/A	N/A	N/A	N/A	A
Post Digestion Spike	N/A	A	N/A	N/A	A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07061467

Field Duplicates:

MS/MSD Parent:

SHAFT PAD-SPLP-COMP

TS-TP1-066

OS1-TP1-081

Sample Collection Date(s): 06/18-22/07

MW Job Number:

Matrix: Leachate

P7-TP5-055

P6-TP2-035

OS2-TP5-094

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
SHAFT PAD-SPLP-COMP	C07061467-013	Y	B	Na and U detected in method blank. Conc. < 50X	1
MINE DUMP-SPLP-COMP	C07061467-014	Y	B	Na and U detected in method blank. Conc. < 50X	1
STORAGE AREA-SPLP-COMP	C07061467-015	Y	B	Na and U detected in method blank. Conc. < 50X	1
POND 1-SPLP-COMP	C07061467-016	Y	B	Na and U detected in method blank. Conc. < 50X	1
POND 2-SPLP-COMP	C07061467-017	Y	B	Na and U detected in method blank. Conc. < 50X	1
POND 3-SPLP-COMP	C07061467-018	Y	B	Na and U detected in method blank. Conc. < 50X	1
POND 4-SPLP-COMP	C07061467-019	Y	B	Na and U detected in method blank. Conc. < 50X	1
POND 5-SPLP-COMP	C07061467-020	Y	B	Na and U detected in method blank. Conc. < 50X	1
TS-TP1-066	C07061467-023	Y	B	Na and U detected in method blank. Conc. < 50X	1
OS1-TP1-081	C07061467-027	Y			
PO5-TP5-119	C07061467-031	Y			
PO4-TP4-113	C07061467-034	Y			
PO3-TP3-116	C07061467-037	Y			
TN-TP1-073	C07061467-056	Y			
SA-TP1-091	C07061467-067	Y			
P7-TP2-022	C07061467-071	Y			
P7-TP3-026	C07061467-074	Y			
P7-TP4-050	C07061467-077	Y			
P7-TP5-055	C07061467-081	Y			
P7-TP1-005	C07061467-084	Y			
P6-TP3-039	C07061467-087	Y			
P6-TP2-035	C07061467-091	Y	B	U detected in associated MB. Conc. < 50X Sampl concentration > 4X spike concentration for Al	2 3
P6-TP1-030	C07061467-093	Y	B	U detected in associated MB. Conc. < 50X	2
P6-TP4-047	C07061467-097	Y		U detected in associated MB. Conc. > 50X	2
OS2-TP5-094	C07061467-105	Y		U detected in associated MB. Conc. > 50X	2
PO2-TP2-106	C07061467-110	Y		U detected in associated MB. Conc. > 50X	2
SP-TP2-088	C07061467-119	Y	B	U detected in associated MB. Conc. < 50X	2

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07061467

Field Duplicates:

MS/MSD Parent:

SHAFT PAD-SPLP-COMP

TS-TP1-066

OS1-TP1-081

P7-TP5-055

P6-TP2-035

OS2-TP5-094

Sample Collection Date(s): 06/18-22/07

MW Job Number:

Matrix: Leachate

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
P5-TP1-010	C07061467-120	Y	B	U detected in associated MB. Conc. < 50X	2

¹ MB (MB-15082) contains Na @ 3.31 mg/l and U @ 0.000352 mg/l. All detections less than 50X MB concentration. Qualify all associated detection w/ "B".

² MB (MB-15082) contains U @ 0.00126 mg/l. No qualification for associated concentration > 50X MB concentration. Qualify all detection < 50X MB concentration w/ "B".

³ Aluminum concentration in parent sample > 4X spike concentration for PDS. Recoveries not calculated.

Analytical Method/Analytes: Metals
Laboratory: Energy Laboratories
Batch Identification: C07061467

Analysis		Total Metals									
Sample ID	SHAFT PAD SPLP- COMP	MINE DUMP- SPLP- COMP	STORAGE AREA-SPLP COMP	POND 1- SPLP- COMP	POND 2- SPLP- COMP	POND 3- SPLP- COMP	POND 4- SPLP- COMP	POND 5- SPLP- COMP	TS-TP1-066	OS1-TP1-081	
Laboratory ID	-13	-14	-15	-16	-17	-18	-19	-20	-23	-27	-31
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A	A
Laboratory Control Sample (all methods)	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A
Post Digestion Spike	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met
N/A Not applicable

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07061467

Analysis	Total Metals									
Sample ID										
	PO4-TP4-113	PO3-TP3-116	TN-TP1-073	SA-TP1-091	P7-TP2-022	P7-TP3-026	P7-TP4-050	P7-TP5-055	P7-TP1-005	P6-TP3-039
Laboratory ID	-34	-37	-56	-67	-71	-74	-77	-81	-84	-87
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample (all methods)	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07061467

Analysis	Total Metals						
Sample ID							
	P6-TP2-035	P6-TP1-030	P6-TP4-047	OS2-TP5-094	PO2-TP2-106	SP-TP2-088	P5-TP1-010
Laboratory ID	-91	-93	-97	-105	-110	-119	-120
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A
Method Blank	A ²	A ²	A ²	A ²	A ²	A ²	A ²
Laboratory Control Sample (all methods)	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A	N/A	N/A	A	N/A	N/A	N/A
Post Digestion Spike	A ³	N/A	N/A	A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: RAD

Laboratory: Energy Laboratories

Batch Identification: C07061601

Field Duplicates:

BG-TP3-081

TW-TP1-020

MS/MSD Parent:

TE-TP1-001

TW-TP1-020

BM-COMP-090

TW-TP1-018/019

OE-TP2-010

TW-TP1-022

OSW-COMP-088

BG-TP2-075/076

TW-TP1-020A

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Collection Date(s): 07/16,17/07

MW Job Number:

Matrix: Leachate

Page: 1 of 2

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
TE-TP1-001	C07061601-001				
TE-TP1-002	C07061601-002				
TE-TP2-003	C07061601-004				
TE-TP2-004	C07061601-005				
TE-TP2-005	C07061601-006				
OE-TP1-006/008	C07061601-008				
OE-TP1-007	C07061601-010				
OE-TP2-010	C07061601-013			U sample concentration > 4x spike concentration for 1 MS & MSD.	
BG-TP2-077	C07061601-015				
BG-TP3-078/079/080	C07061601-016				
BG-TP3-407	C07061601-018				
BG-TP3-081	C07061601-019				
BG-TP4-082/083/084	C07061601-020				
BG-TP4-085	C07061601-022				
BG-COMP-086	C07061601-023				
OSE-COMP-087	C07061601-024				
NE2-COMP-089	C07061601-025				
OSW-COMP-088	C07061601-026				
BM-COMP-090	C07061601-027				
TW-COMP-091	C07061601-028				
NE1-COMP-092	C07061601-029				
TE-COMP-093	C07061601-030				
OE-TP2-012	C07061601-032				
OE-TP2-013	C07061601-033				
OE-TP2-014	C07061601-034				
OW-TP1-015/016	C07061601-036				
OW-TP1-015/016	C07061601-037				
OW-TP1-017	C07061601-038				
TW-TP1-018/019	C07061601-040				
TW-TP1-018/019	C07061601-041		J	MS/MSD recovery low for Th-232.	2
TW-TP1-020	C07061601-042				
TW-TP1-401	C07061601-043				
TW-TP1-021	C07061601-044				
TW-TP1-022	C07061601-045				

1 U sample concentration > 4x spike concentration for MS & MSD. Recoveries not calculated

2 MS/MSD recoveries low for Th-232 (69%/60% {70-130}). Qualify parent sample w/ "J"; potential low bias.

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07061601

Analysis	Radionuclides														
Sample ID	TE-TP1-001	TE-TP1-002	TE-TP2-003	TE-TP2-004	TE-TP2-005	OE-TP1-006/008	OE-TP1-007	OE-TP2-010	BG-TP2-077	BG-TP3-078/079/080	BG-TP3-407	BG-TP3-081	BG-TP4-082/083/084	BG-TP4-085	BG-COMP-086
Laboratory ID	-1	-2	-4	-5	-6	-8	-10	-13	-15	-16	-18	-19	-20	-22	-23
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A ¹	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	A	N/A	N/A	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07061601

Analysis	Radionuclides													
Sample ID	OSE- COMP- 087	NE2- COMP- 089	OSW- COMP- 088	BM- COMP- 090	TW- COMP- 091	NE1- COMP- 092	TE-COMP- 093	OE-TP2- 012	OE-TP2- 013	OE-TP2- 014	OW-TP1- 015/016	OW-TP1- 015/016	OW-TP1- 017	TW-TP1- 018/019
Laboratory ID	-24	-25	-26	-27	-28	-29	-30	-32	-33	-34	-36	-37	-38	-40
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07061601

Analysis	Radionuclides				
Sample ID	TW-TP1-018/019	TW-TP1-020	TW-TP1-401	TW-TP1-021	TW-TP1-022
Laboratory ID	-41	-42	-43	-44	-45
Hardcopy vs. Chain of Custody	A	A	A	A	A
Holding Time	A	A	A	A	A
Analyte List	A	A	A	A	A
Reporting Limits	A	A	A	A	A
Analysis Time	A	A	A	A	A
Method Blank	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A ²	A	N/A	N/A	A
Post Digestion Spike	A ²	A	N/A	N/A	A
Field Duplicate/Replicate	N/A	A	A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07061601

Field Duplicates:

MS/MSD Parent: BM-COMP-090

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Collection Date(s): 06/25,26/07

MW Job Number:

Matrix: Leachate

Page: 1 of 2

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
TE-TP1-002	C07061601-002	Y	B	U detected in MB. Sample concentration < 50X	2
BG-COMP-086	C07061601-023	Y	B	U detected in MB. Sample concentration < 50X	2
OSE-COMP-087	C07061601-024	Y		U detected in MB. Sample concentration > 50X	2
NE2-COMP-089	C07061601-025	Y		U detected in MB. Sample concentration > 50X	2
OSW-COMP-088	C07061601-026	Y		U detected in MB. Sample concentration > 50X	2
BM-COMP-090	C07061601-027	Y	B	Na detected in MB. Sample concentration < 50X.	1
TW-COMP-091	C07061601-028	Y	B	Na detected in MB. Sample concentration < 50X.	1
NE1-COMP-092	C07061601-029	Y		Na detected in MB. Sample ND	1
TE-COMP-093	C07061601-030	Y	B	Na detected in MB. Sample concentration < 50X.	1
OE-TP2-014	C07061601-034	Y	B	Na detected in MB. Sample concentration < 50X.	1
OW-TP1-015/016	C07061601-036	Y	B	Na detected in MB. Sample concentration < 50X.	1
TW-TP1-018/019	C07061601-040	Y	B	Na detected in MB. Sample concentration < 50X.	1

1 MB (MB-15162) contains Na @ 2.67 mg/l. Qualify sample detection < 50X MB cocnetration w/"B". No qualification for NDs

2 MB (MB-15115) contains U @ 0.00126 mg/l. Qualify sample detection < 50X MB cocnetration w/"B". No qualification for sample if concentration > 50X MB cocnetration

Analytical Method/Analytes: Metals
Laboratory: Energy Laboratories
Batch Identification: C07061601

Analysis	Total Metals											
Sample ID		BG-COMP-	OSE-COMP-	NE2-COMP-	OSW-COMP-	BM-COMP-	TW-COMP-	NE1-COMP-	TE-COMP-		OW-TP1-	TW-TP1-
	TE-TP1-002	086	087	089	088	090	091	092	093	OE-TP2-014	015/016	018/019
Laboratory ID	-2	-23	-24	-25	-26	-27	-28	-29	-30	-34	-36	-40
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A ²	A ²	A ²	A ²	A ²	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
Laboratory Control Sample	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met
N/A Not applicable

Analytical Method/Analytes: RAD

Laboratory: Energy Laboratories

Batch Identification: C07070262

Field Duplicates: NE2-TP3-405 NE2-TP1-404

NE1-TP3-403 NE1-TP1-402

MS/MSD Parent: NE1-TP3-038 BM-TP1-026/027

NE1-TP3-038/039 NE1-TP1-031

Sample Collection Date(s): 06/25,26, 07/01/07

MW Job Number:

Matrix: Leachate

Validation Complete: (Signature and Date)

09/17/07



Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
NE2-TP2-056/057/058	C07070262-001	Y			
NE2-TP2-059/060/061	C07070262-003	Y			
NE2-TP3-405	C07070262-005	Y			
NE2-TP3-064	C07070262-007	Y			
NE2-TP3-065	C07070262-008	Y			
NE2-TP4-066/067/068	C07070262-009	Y			
NE2-TP4-069	C07070262-011	Y			
BG-TP1-070/071/072	C07070262-012	Y			
BG-TP1-073	C07070262-015	Y			
BG-TP2-074	C07070262-016	Y			
NE1-TP2-035	C07070262-017	Y			
NE1-TP3-038	C07070262-019	Y		U sample cocentration > 4X spike concentration for MS, MSD, & PDS	1
NE1-TP3-040	C07070262-021	Y			
NE1-TP3-403	C07070262-022	Y			
NE1-TP4-042/043/044	C07070262-024	Y			
NE1-TP4-045/046/047	C07070262-026	Y			
NE2-TP1-048/049/055	C07070262-028	Y			
NE2-TP1-048/049/055	C07070262-029	Y			
NE2-TP1-050	C07070262-031	Y			
NE2-TP1-404	C07070262-032	Y			
NE2-TP1-051	C07070262-033	Y			
NE2-TP1-052	C07070262-034	Y			
OS1-SPLP-COMP	C07070262-036	Y			
OS2-SPLP-COMP	C07070262-037	Y			
TW-TP2-023/024	C07070262-038	Y			
TW-TP2-025	C07070262-040	Y			
BM-TP1-026/027	C07070262-042	Y		U sample cocentration > 4X spike concentration for MS, MSD, & PDS	2
BM-TP1-028	C07070262-044	Y			
NE1-TP1-030	C07070262-045	Y			
NE1-TP1-402	C07070262-046	Y			
NE1-TP1-031	C07070262-047	Y		U sample cocentration > 4X spike concentration for MS & MSD	3

1 U sample concetration > 4X spike concentration for MS, MSD, & PDS. Recoveries not calculated.

2 U sample concetration > 4X spike concentration for MS, MSD, & PDS. Recoveries not calculated.

3 U sample concetration > 4X spike concentration for MS & MSD. Recoveries not calculated.

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07070262

Analysis	Radionuclides										
Sample ID	NE2-TP2-056/057/058	NE2-TP2-059/060/061	NE2-TP3-405	NE2-TP3-064	NE2-TP3-065	NE2-TP4-066/067/068	NE2-TP4-069	BG-TP1-070/071/072	BG-TP1-073	BG-TP2-074	NE1-TP2-035
Laboratory ID	-1	-3	-5	-7	-8	-9	-11	-12	-15	-16	-17
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	N/A	A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met
N/A Not applicable

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07070262

Analysis	Radionuclides										
Sample ID	NE1-TP3-038	NE1-TP3-040	NE1-TP3-403	NE1-TP4-042/043/044	NE1-TP4-045/046/047	NE2-TP1-048/049/055	NE2-TP1-048/049/055	NE2-TP1-050	NE2-TP1-404	NE2-TP1-051	NE2-TP1-052
Laboratory ID	-19	-21	-22	-24	-26	-28	-29	-31	-32	-33	-34
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	A ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post Digestion Spike	A ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Field Duplicate/Replicate	N/A	A	A	N/A	N/A	N/A	N/A	A	A	N/A	N/A

A indicates validation criteria were met
N/A Not applicable

Analytical Method/Analytes: Rad
Laboratory: Energy Laboratories
Batch Identification: C07070262

Analysis	Radionuclides								
Sample ID	OS1-SPLP- COMP	OS2-SPLP- COMP	TW-TP2- 023/024	TW-TP2-025	BM-TP1- 026/027	BM-TP1-028	NE1-TP1- 030	NE1-TP1- 402	NE1-TP1- 031
Laboratory ID	-36	-37	-38	-40	-42	-44	-45	-46	-47
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	A ²	N/A	N/A	N/A	A ³
Post Digestion Spike	N/A	N/A	N/A	N/A	A ²	N/A	N/A	N/A	A
Field Duplicate/Replicate	N/A	N/A	N/A	N/A	N/A	N/A	A	A	N/A

A indicates validation criteria were met
N/A Not applicable

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07070262

Field Duplicates:

MS/MSD Parent: BM-TP1-028

Validation Complete: (Signature and Date)

09/17/07



Sample Collection Date(s): 06/18-21/07

MW Job Number:

Matrix: Leachate

Page: 1 of 2

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
BG-TP1-073	C07070262-015				
NE2-TP1-048/049/055	C07070262-028				
OS1-SPLP-COMP	C07070262-036				
OS2-SPLP-COMP	C07070262-037				
BM-TP1-028	C07070262-044		B	Na detected in MB. Sample cocentration < 50X.	1

1 MB (MB-15162) contains Na @ 2.67 mg/l. Assoiacted sample cocentration < 50X MB concentration. Qualify w/ "B"

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07070262

Analysis	SPLP Metals				
Sample ID	BG-TP1-073	NE2-TP1-048/049/055	OS1-SPLP-COMP	OS2-SPLP-COMP	BM-TP1-028
Laboratory ID	-15	-28	-36	-37	-44
Hardcopy vs. Chain of Custody	A	A	A	A	A
Holding Time	A	A	A	A	A
Analyte List	A	A	A	A	A
Reporting Limits	A	A	A	A	A
Analysis Time	A	A	A	A	A
Method Blank	A	A	A	A	A ¹
Laboratory Control Sample	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	N/A	N/A	A
Post Digestion Spike	N/A	N/A	N/A	N/A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: RAD

Laboratory: Energy Laboratories

Batch Identification: C07070359

Field Duplicates: P3-DH8-007 P4-DH3-005

MS/MSD Parent: P3-DH8-001 P4-DH6-008

P4-DH1-001 P4-DH3-005 P4-DH2-011

Validation Complete: (Signature and Date) 09/17/07

Sample Collection Date(s): 07/16,17/07

MW Job Number:

Matrix: Leachate

Page: 1 of 2

Craig Moore

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
P4-DH5-007	C07070359-002	Y			
P4-DH5-016	C07070359-003	Y			
P3-DH8-005	C07070359-005	Y			
P3-DH8-007	C07070359-006	Y			
P3-DH8-301	C07070359-007	Y			
P4-DH3-004	C07070359-008	Y			
P4-DH3-005	C07070359-009	Y	J	MS/MSD low for Th-232	1
P4-DH3-300	C07070359-010	Y	J	MS/MSD low for Th-232	1
P4-DH1-015	C07070359-011	Y			
P4-DH1-013	C07070359-012	Y			
P4-DH4-014	C07070359-013	Y			
P4-DH4-012	C07070359-014	Y			
P4-DH6-007	C07070359-015	Y			
P4-DH6-008	C07070359-016	Y		U concentration >4X spike concentration for MS/MSD	2
P4-DH2-010	C07070359-021	Y			
P4-DH2-011	C07070359-022	Y			

1 MS/MSD recovery low for Th-232 (61%/57% [70-130]). Qualify parent and FD w/ "J" potentially biased low.

2 U concentration >4X spike concentration for MS/MSD. Recoveries not calculated.

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07070359

Analysis	Radionuclides															
Sample ID	P4-DH5-007	P4-DH5-016	P3-DH8-005	P3-DH8-007	P3-DH8-301	P4-DH3-004	P4-DH3-005	P4-DH3-300	P4-DH1-015	P4-DH1-013	P4-DH4-014	P4-DH4-012	P4-DH6-007	P4-DH6-008	P4-DH2-010	P4-DH2-011
Laboratory ID	-2	-3	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-21	-22
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	N/A	A	N/A	N/A	N/A	A ²	A ²	N/A	N/A	N/A	N/A	N/A	A ¹	N/A	A
Post Digestion Spike	N/A	N/A	A	N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	A	N/A	A
Field Duplicate/Replicate	N/A	N/A	N/A	A	A	N/A	A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07070359

Field Duplicates:

MS/MSD Parent:

P3-DH8-005

P4-DH2-011

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Collection Date(s): 07/01-06/07

MW Job Number:

Matrix: Leachate

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
P4-DH5-016	C07070359-003	Y	B	Ca, Na, and U detected in MB. Sample concentration < 50X	1
P3-DH8-005	C07070359-005	Y	B	Ca, Na, and U detected in MB. Sample concentration < 50X	1
P4-DH3-004	C07070359-008	Y	B	Ca and Na detected in MB. Sample concentration < 50X. U detected in MB. Sample concentration > 50X.	1
P4-DH1-015	C07070359-011	Y	B	Na detected in MB. Sample concentration < 50X. Ca and U detected in MB. Sample concentration > 50X.	1
P4-DH4-014	C07070359-013	Y	B	Ca and Na detected in MB. Sample concentration < 50X. U detected in MB. Sample concentration > 50X.	1
P4-DH6-008	C07070359-016	Y	B	Ca, Na, and U detected in MB. Sample concentration < 50X	1
P4-DH2-011	C07070359-022	Y	B	Ca, Na, and U detected in MB. Sample concentration < 50X	1

1 MB(MB-15210) contains Ca @ 0.598 mg/l, Na @ 3.96 mg/l, and U @ 0.000828 mg/l. Qualify w/"B" if sample concentration < 50X MB concentration.
No qualification if sample concentration > 50X MB concentration.

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07070262

Analysis	SPLP Metals						
Sample ID	P4-DH5-016	P3-DH8-005	P4-DH3-004	P4-DH1-015	P4-DH4-014	P4-DH6-008	P4-DH2-011
Laboratory ID	-3	-5	-8	-11	-13	-16	-22
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A
Method Blank	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
Laboratory Control Sample	A	A	A	A	A	A	A
Matrix Spike/Matrix Spike Duplicate	N/A	A	N/A	N/A	N/A	N/A	A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: RAD

Laboratory: Energy Laboratories

Batch Identification: C07070856

Field Duplicates:

MS/MSD Parent:

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Collection Date(s): 07/16,17/07

MW Job Number:

Matrix: Leachate

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
MD-DH10-001	C07070856-001	Y			
MD-DH10-002	C07070856-002	Y			
MD-DH10-004	C07070856-003	Y			
MD-DH10-303	C07070856-004	Y			
MD-DH9-002	C07070856-005	Y			
MD-DH9-003	C07070856-006	Y			
P3-DH8-010	C07070856-007	Y			
P3-DH8-302	C07070856-008	Y			
P3-DH7-002	C07070856-010	Y			
P3-DH7-009	C07070856-011	Y			
P3-DH7-015	C07070856-012	Y			

Analytical Method/Analytes: RAD

Laboratory: Energy Laboratories

Batch Identification: C07070856

Analysis	Radionuclides										
Sample ID	MD-DH10-001	MD-DH10-002	MD-DH10-004	MD-DH10-303	MD-DH9-002	MD-DH9-003	P3-DH8-010	P3-DH8-302	P3-DH7-002	P3-DH7-009	P3-DH7-015
Laboratory ID	-1	-2	-3	-4	-5	-6	-7	-8	-10	-11	-12
Hardcopy vs. Chain of Custody	A	A	A	A	A	A	A	A	A	A	A
Holding Time	A	A	A	A	A	A	A	A	A	A	A
Analyte List	A	A	A	A	A	A	A	A	A	A	A
Reporting Limits	A	A	A	A	A	A	A	A	A	A	A
Analysis Time	A	A	A	A	A	A	A	A	A	A	A
Method Blank	A	A	A	A	A	A	A	A	A	A	A
Laboratory Control Sample	A	A	A	A	A	A	A	A	A	A	A
Field Duplicate/Replicate	N/A	A	N/A	A	N/A	N/A	A	A	N/A	N/A	N/A

A indicates validation criteria were met

N/A Not applicable

Analytical Method/Analytes: SPLP Metals

Laboratory: Energy Laboratories

Batch Identification: C07070856

Field Duplicates:

MS/MSD Parent:

Validation Complete: (Signature and Date)

09/17/07

Craig Moore

Sample Collection Date(s): 07/16,17/07

MW Job Number:

Matrix: Leachate

Sample Identification	Lab Identification	Hits (Y/N)	Quals	Comments	Foot Notes
MD-DH10-001	C07070856-001	Y	B	Mo and U detected in MB. Sample concentration < 50X.	1
MD-DH9-003	C07070856-006	Y	B	Mo detected in MB. Sample concentration < 50X. U detected in MB. Sample concentration > 50X.	1
P3-DH7-009	C07070856-011	Y		Mo and U detected in MB. U Sample concentration < 50X. Mo not detected in sample.	1

1 MB (MB-15360) contains Mo @ 0.0003 mg/l and U @ 0.0001 mg/l. Qualify w/ "B" where sample concentrations <50X MB concentration. No qualification where sample concentration > 50X MB concentration or where sample is ND.

Analytical Method/Analytes: Metals

Laboratory: Energy Laboratories

Batch Identification: C07070856

Analysis	SPLP Metals		
Sample ID	MD-DH10-001	MD-DH9-003	P3-DH7-009
Laboratory ID	-1	-6	-11
Hardcopy vs. Chain of Custody	A	A	A
Holding Time	A	A	A
Analyte List	A	A	A
Reporting Limits	A	A	A
Analysis Time	A	A	A
Method Blank	A ¹	A ¹	A ¹
Laboratory Control Sample	A	A	A
Matrix spike/MSD	N/A	A	A

A indicates validation criteria were met

N/A Not applicable