

APPENDIX I SOIL DATA

APPENDIX I-1 INITIAL INVESTIGATION

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_C007							
SAMPLE ID	016_C007_0.6	016_C007_5.0	016_C007_7.5	016_C007_10.7	016_C007_10.7-D	016_C007_15.0	016_C007_20.0	016_C007_25.0
SAMPLE DATE	20110707	20110707	20110707	20110707	20110707	20110707	20110707	20110707
TOP DEPTH	0.6	5	7.5	10.7	10.7	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.98 UJ	1 UJ	1.2 UJ	1.1 UJ	1 UJ	1.2 UJ	1.6 UJ	0.99 UJ
CHROMIUM	10.9	32.5	101	8	7.3	25.6	21.1	13.1
NICKEL	16.7	12.9	19	9.5 J	8.9 J	22.4	14.1 J	11.6
THALLIUM	1.1 U	1.1 U	1.3 U	1.2 U	1.1 U	1.4 U	1.7 U	1.1 U
VANADIUM	13.9	17.1	23.7	8.7 J	8.6 J	28.8	15.8 J	15.1
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.56 UJ	0.58 UJ	0.71 UJ	0.62 UJ	4.8 J	0.73 UJ	0.96 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	385	380	360	369	366	372	370	346
MISCELLANEOUS PARAMETERS (S.U.)								
PH	8.31	7.87	7.96	8.47	8.44	8.07	7.84	8.44

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_C009					
SAMPLE ID	016_C009_0.5	016_C009_5.0	016_C009_7.6	016_C009_11.7	016_C009_15.7	016_C009_23.5
SAMPLE DATE	20110707	20110707	20110706	20110706	20110706	20110706
TOP DEPTH	0.5	5	7.6	11.7	15.7	23.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)						
ANTIMONY	0.97 UJ	0.97 UJ	1 UJ	1 UJ	1.4 UJ	0.97 UJ
CHROMIUM	20.5	36.6	8.1	8.2	28.3	10.4
NICKEL	32	13.9	8.1 J	10	24.5	10.3
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.1 U
VANADIUM	21.2	15.4	7.3 J	10.5 J	30.5	15
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	0.56 UJ	0.59 UJ	0.6 UJ	0.61 UJ	0.79 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	323	348	347	351	364	470
MISCELLANEOUS PARAMETERS (S.U.)						
PH	9.16	8.28	8.45	8.56	8.06	4.61

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_C011						
SAMPLE ID	016_C011_0.5	016_C011_5.0	016_C011_7.9	016_C011_10.7	016_C011_15.0	016_C011_20.0	016_C011_25.3
SAMPLE DATE	20110816	20110816	20110816	20110816	20110816	20110816	20110816
TOP DEPTH	0.5	5	7.9	10.7	15	20	25.3
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.92 UJ	1.1 UJ	1 UJ	0.98 UJ	1.4 UJ	0.99 UJ	0.94 UJ
CHROMIUM	21.9	44.4	6.9	8.5	30.5	18.7	12.7
NICKEL	5.6 J	13.8	7.7 J	9.3	21.4	15.8	11.4
THALLIUM	1 U	1.2 U	1.2 U	1.1 U	1.6 U	1.1 U	1 U
VANADIUM	13.8	12.6	7.6 J	8.8 J	26.8	24.1	16.1
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.52 UJ	0.61 UJ	0.57 UJ	0.57 UJ	0.84 UJ	0.58 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	409	472	443	458	438	439	431
MISCELLANEOUS PARAMETERS (S.U.)							
PH	8.48	7.64	8.6	8.55	8.09	7.94	8.95

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_C013								016_C016		016_C017	
SAMPLE ID	016_C013_0.5	016_C013_3.1	016_C013_7.5	016_C013_10.2	016_C013_15.0	016_C013_15.0-D	016_C013_20.0	016_C013_23.7	016_C016_0.6	016_C016_5.0	016_C017_0.4	016_C017_5.0
SAMPLE DATE	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110815	20110815	20110817	20110823
TOP DEPTH	0.5	3.1	7.5	10.2	15	15	20	23.7	0.6	5	0.4	5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE
METALS (MG/KG)												
ANTIMONY	0.9 UJ	2.1 J	1 UJ	0.97 UJ	1.5 UJ	1.5 UJ	0.94 UJ	0.98 UJ	1.7 J	0.97 UJ	0.92 UJ	1 UJ
CHROMIUM	16.5	45.2	10.7	7.4	43.9	40.1	16.7	17.1	22.8 J	25.4 J	29.6	13
NICKEL	5.5 J	20.9	10.9	7 J	41.7	32.1	10.7	18.4	6.7 J	18.6	18.1	20.9
THALLIUM	0.99 U	1.1 U	1.1 U	1.1 U	1.6 U	1.7 U	1 U	1.1 U	1 U	1.1 U	1 U	1.1 U
VANADIUM	13.1	23.3	13.1	7.2 J	28.9	27.6	23	20.4	15.5	29.9	23.9	14.9
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	0.54 U	0.59 U	0.62 U	0.57 U	0.88 U	0.87 U	0.55 U	0.55 U	0.59 J	0.69 J	0.55 U	0.83 J
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	464	454	462	455	305	366	494	485	526	504	495	460
MISCELLANEOUS PARAMETERS (S.U.)												
PH	8.68	8.39	8.14	8.52	8.15	8.13	8.26	8.35	8.31	8.72	8.21	8.18

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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D005									
SAMPLE ID	016_D005_0.0	016_D005_1.2	016_D005_1.7	016_D005_2.5	016_D005_3.0	016_D005_7.0	016_D005_10.0	016_D005_14.0	016_D005_17.8	016_D005_25.0
SAMPLE DATE	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708
TOP DEPTH	0	1.2	1.7	2.5	3	7	10	14	17.8	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.59 UJ	0.63 UJ	0.56 UJ	0.61 UJ	0.57 UJ	0.7 UJ	0.85 UJ	0.94 UJ	1.8 UJ	0.56 UJ
CHROMIUM	275	770	738	847	509	9.8	79.6	41	12.7	9.2
NICKEL	41.6	119	107	131	47.5	9.4	26	37.4	12.6 J	9.3
THALLIUM	0.33 U	0.35 U	0.31 U	0.34 U	0.31 U	0.39 U	0.47 U	0.52 U	1 U	0.31 U
VANADIUM	56.1	141	143	135	67.4	9.1	31.8	31.1	20.9	12.7
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.9 J	3.6	3.2	3.5	3	0.6 U	0.75 U	0.81 U	1.7 U	0.52 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	363	307	266	281	290	369	360	356	374	328
MISCELLANEOUS PARAMETERS (S.U.)										
PH	8.83	10	10.7	10.7	10.3	8.43	8.08	7.92	7.16	9.29

U = NON DETECT
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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D005a						016_D007					
SAMPLE ID	016_D005a_0.4	016_D005a_5.0	016_D005a_11.2	016_D005a_15.0	016_D005a_20.0	016_D005a_25.0	016_D007_0.4	016_D007_5.0	016_D007_12.2	016_D007_16.0	016_D007_20.0	016_D007_25.0
SAMPLE DATE	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808
TOP DEPTH	0.4	5	11.2	15	20	25	0.4	5	12.2	16	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)												
ANTIMONY	0.88 UJ	0.97 UJ	1.1 UJ	1.3 UJ	2.6 UJ	1 UJ	0.9 UJ	1.1 J	1 UJ	1.3 UJ	2.3 UJ	1 UJ
CHROMIUM	12.4 J	30 J	11.8 J	24.2	19.8	16.9	16.2	61.9	6.4	29	20.9	19.2
NICKEL	33.1	22.7	12.6	22.3	17 J	12.3	6.4 J	14.9	7.2 J	26	18.6 J	13.6
THALLIUM	0.97 U	1.1 U	1.2 U	1.4 U	2.9 U	1.1 U	1 U	1 U	1.2 U	1.5 U	2.5 U	1.1 U
VANADIUM	17.8	22.2	13.8	25.2	26.8 J	24.8	20.6	27.5	7.5 J	32.9	21.5 J	26.6
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	0.54 UJ	0.53 UJ	0.64 UJ	0.73 UJ	3.1 UJ	0.57 U	0.54 U	0.57 U	0.6 U	0.78 U	1.4 U	0.57 U
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	404	443	414	398	434	464	414	397	383	359	373	402
MISCELLANEOUS PARAMETERS (S.U.)												
PH	6.48	8.09	8.27	8.08	7.09	4.72	8.05	8.24	8.45	8.01	7.48	5.68

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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D008							
SAMPLE ID	016_D008_0.4	016_D008_5.0	016_D008_5.0-D	016_D008_7.2	016_D008_11.9	016_D008_16.0	016_D008_20.0	016_D008_22.8
SAMPLE DATE	20110810	20110810	20110810	20110810	20110810	20110810	20110810	20110810
TOP DEPTH	0.4	5	5	7.2	11.9	16	20	22.8
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.91 UJ	0.94 UJ	0.96 UJ	1.1 UJ	1.1 UJ	1.3 J	1.7 UJ	0.97 UJ
CHROMIUM	25.2	76.7	59.1	11.3	13.3	29.4	24.2	10.4
NICKEL	168	26.8	16.4	11.9	12.9	25.6	11.2 J	11
THALLIUM	1 U	1 U	1.1 U	1.2 U	1.2 U	1.4 U	1.8 U	1.1 U
VANADIUM	24.5	28	25	14.2	19.2	33.7	16 J	14.7
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.54 UJ	0.55 UJ	0.56 UJ	0.64 UJ	0.67 UJ	0.8 UJ	1.1 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	344	452	423	396	393	366	382	420
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.66	8.3	8.04	8.56	8.37	8.12	7.97	5.97

U = NON DETECT
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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D010									
SAMPLE ID	016_D010_0.4	016_D010_2.5	016_D010_3.0	016_D010_3.5	016_D010_5.0	016_D010_5.7	016_D010_10.7	016_D010_15.0	016_D010_20.0	016_D010_25.0
SAMPLE DATE	20110815	20110815	20110815	20110815	20110815	20110815	20110815	20110815	20110815	20110815
TOP DEPTH	0.4	2.5	3	3.5	5	5.7	10.7	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.89 UJ	0.97 UJ	1 UJ	1.2 UJ	1.1 UJ	1.1 UJ	0.98 UJ	1.4 UJ	3.8 UJ	0.95 UJ
CHROMIUM	19.6 J	736 J	740 J	559 J	1260 J	460 J	8.1 J	31 J	34.6 J	17.8 J
NICKEL	230	121	79.1	66.1	136	46.6	8.5 J	25.7	16 J	15.2
THALLIUM	0.97 U	1.1 U	1.1 U	1.3 U	1.2 U	1.2 U	1.1 U	1.5 U	4.2 U	1 U
VANADIUM	21.4	94.8	76.6	98	187	69.1	8.8 J	31.9	21.4 J	18.4
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.55 U	0.55 U	0.57 U	0.72 U	0.65 U	0.63 U	0.59 U	0.79 U	2.2 U	0.56 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	438	462	461	452	429	422	458	432	443	438
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.4	8.59	8.52	8.24	8.84	9.05	8.46	8.24	7.68	8.7

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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D012							
SAMPLE ID	016_D012_0.4	016_D012_2.6	016_D012_3.1	016_D012_5.0	016_D012_5.0-D	016_D012_10.0	016_D012_12.5	016_D012_16.5
SAMPLE DATE	20110816	20110816	20110816	20110816	20110816	20110816	20110816	20110816
TOP DEPTH	0.4	2.6	3.1	5	5	10	12.5	16.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.9 UJ	0.99 UJ	1.1 UJ	2.6 J	1.8 J	1 UJ	1 UJ	1.4 UJ
CHROMIUM	20.9	197	98	143	137	10.7	9.1	49.9
NICKEL	5.5 J	26.6	18.4	20	20	8.5 J	9.4	43.8
THALLIUM	0.99 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.6 U
VANADIUM	17.1	31.9	35.2	33.1	34.8	8.8 J	11.1 J	31
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.55 UJ	0.6 UJ	0.61 UJ	5.7 J	1 J	0.77 J	0.62 UJ	0.78 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	455	452	465	455	451	444	436	251
MISCELLANEOUS PARAMETERS (S.U.)								
PH	8.7	8.17	7.77	8.01	8.01	8.44	8.38	8.12

U = NON DETECT
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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D014									016_D016
SAMPLE ID	016_D014_0.5	016_D014_1.4	016_D014_1.9	016_D014_2.4	016_D014_6.5	016_D014_10.0	016_D014_16.5	016_D014_21.0	016_D014_25.0	016_D016_0.4
SAMPLE DATE	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110815
TOP DEPTH	0.5	1.4	1.9	2.4	6.5	10	16.5	21	25	0.4
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE
METALS (MG/KG)										
ANTIMONY	0.99 UJ	0.97 UJ	1.2 J	1.8 J	1.3 J	1 UJ	1.2 UJ	0.94 UJ	0.98 UJ	3.1 J
CHROMIUM	18	14	118	694	467	13.8	34.6	17.8	9.8	30.9
NICKEL	4.5 J	5.9 J	22.6	51.3	25.5	8.3 J	24.6	13.8	5.9 J	19.7
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.4 U	1 U	1.1 U	1 U
VANADIUM	16.9	17.6	40.8	57.1	40.4	7 J	24.8	21.8	13.7	24.4
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.62 J	0.54 U	0.59 U	5.8	0.93 J	0.59 U	0.72 U	0.54 U	0.55 J	0.55 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	464	446	438	430	416	438	337	419	442	539
MISCELLANEOUS PARAMETERS (S.U.)										
PH	8.98	8.68	8.55	8.5	8.69	8.34	8.1	8.67	8.24	7.66

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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_D018			016_E005							
SAMPLE ID	016_D018_0.4	016_D018_5.0	016_D018_10.0	016_E005_0.4	016_E005_5.0	016_E005_8.1	016_E005_11.3	016_E005_11.3-D	016_E005_15.5	016_E005_20.0	016_E005_25.0
SAMPLE DATE	20110817	20110817	20110817	20110808	20110808	20110808	20110808	20110808	20110808	20110808	20110808
TOP DEPTH	0.4	5	10	0.4	5	8.1	11.3	11.3	15.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)											
ANTIMONY	0.98 UJ	0.98 UJ	0.92 UJ	0.95 UJ	0.88 UJ	1.3 UJ	1 UJ	1 UJ	1.3 UJ	2.1 UJ	0.98 UJ
CHROMIUM	17.7	16.6	20.2	8.8 J	14.4 J	58.9 J	6.6 J	6.7 J	23.1 J	27.5 J	16 J
NICKEL	10	13	18.4	5.9 J	23.4	21.4	8.3 J	8.3 J	21	22.1	11.3
THALLIUM	1.1 U	1.1 U	1 U	1 U	0.97 U	1.4 U	1.1 U	1.1 U	1.4 U	2.3 U	1.1 U
VANADIUM	19.1	15	27.8	16.5	15.4	25.9	7.4 J	7.5 J	23.9	27.3	22.5
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM	0.56 U	0.57 U	0.53 U	0.55 UJ	0.54 UJ	0.73 U	0.6 UJ	0.62 UJ	0.74 UJ	2.5 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	599	496	482	401	312	420	399	399	392	407	448
MISCELLANEOUS PARAMETERS (S.U.)											
PH	5.34	8.03	7.95	8.25	9.73	8.18	8.58	8.48	8.07	7.22	6.67

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Initial Investigation

LOCATION	016_E007						
SAMPLE ID	016_E007_0.5	016_E007_5.0	016_E007_8.5	016_E007_12.5	016_E007_16.5	016_E007_20.0	016_E007_23.5
SAMPLE DATE	20110810	20110810	20110810	20110810	20110810	20110810	20110810
TOP DEPTH	0.5	5	8.5	12.5	16.5	20	23.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	1 UJ	1 UJ	0.97 UJ	1 J	1.2 UJ	2.7 UJ	0.85 UJ
CHROMIUM	13	25.3	12.8	7.7	26.3	28.9	22.3
NICKEL	11.2	7.4 J	8.2 J	9.1 J	24.5	18.4 J	15.6
THALLIUM	1.1 U	1.2 U	1.1 U	1.2 U	1.3 U	3 U	0.93 U
VANADIUM	23.2	32.5	9.9 J	9 J	29.6	27.1 J	29.5
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.56 UJ	0.6 UJ	0.57 UJ	0.6 UJ	0.75 UJ	1.6 UJ	0.53 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	425	414	409	388	386	405	474
MISCELLANEOUS PARAMETERS (S.U.)							
PH	8.81	8.64	8.74	8.8	8.23	7.46	4.29

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Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_E009						
SAMPLE ID	016_E009_0.5	016_E009_3.5	016_E009_7.5	016_E009_11.7	016_E009_15.5	016_E009_20.0	016_E009_25.0
SAMPLE DATE	20110707	20110707	20110707	20110707	20110707	20110707	20110707
TOP DEPTH	0.5	3.5	7.5	11.7	15.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.92 UJ	0.94 UJ	0.97 UJ	1 UJ	1.3 UJ	2.4 UJ	0.96 UJ
CHROMIUM	34.4 J	32.4 J	6.1 J	7.1 J	27.4 J	34.5 J	15.7 J
NICKEL	270 J	12.2 J	5.7 J	8.8 J	25.2 J	18.5 J	12.2 J
THALLIUM	1 U	1 U	1.1 U	1.1 U	1.4 U	2.6 U	1.1 U
VANADIUM	25.5 J	16.1 J	8.5 J	8.8 J	31.7 J	18 J	19.6 J
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.54 UJ	0.55 UJ	0.57 UJ	0.59 UJ	0.74 UJ	1.4 J	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	369	376	383	389	396	401	413
MISCELLANEOUS PARAMETERS (S.U.)							
PH	9.01	8.07	8.52	8.5	8	7.75	5.24

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_E011							
SAMPLE ID	016_E011_0.7	016_E011_2.6	016_E011_3.4	016_E011_5.0	016_E011_7.2	016_E011_12.2	016_E011_20.0	016_E011_25.0
SAMPLE DATE	20110816	20110816	20110816	20110816	20110816	20110816	20110816	20110816
TOP DEPTH	0.7	2.6	3.4	5	7.2	12.2	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.97 UJ	1.3 UJ	1.7 J	2.9 J	1.1 UJ	1.1 UJ	2 UJ	0.97 UJ
CHROMIUM	29.6	267	1670	2880	64.9	15.6	11.5	18.2
NICKEL	8.1 J	59.4	187	272	20.4	15.8	9.8 J	14.5
THALLIUM	1.1 U	1.4 U	1.3 U	1.2 U	1.2 U	1.2 U	2.2 U	1.1 U
VANADIUM	20.7	83.1	197	335	18.3	19.9	14 J	22.2
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	4.2 J	0.71 UJ	0.65 UJ	1.6 J	0.64 UJ	0.61 UJ	1.1 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	424	414	400	392	390	392	442	407
MISCELLANEOUS PARAMETERS (S.U.)								
PH	7.82	7.73	8.22	8.74	8.57	8.28	7.35	8.55

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_E013							016_E015			016_E017	
SAMPLE ID	016_E013_0.5	016_E013_5.0	016_E013_7.8	016_E013_11.5	016_E013_11.5-D	016_E013_16.0	016_E013_20.0	016_E015_0.5	016_E015_5.0	016_E015_10.0	016_E017_0.5	016_E017_5.0
SAMPLE DATE	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110812	20110812	20110812	20110815	20110815
TOP DEPTH	0.5	5	7.8	11.5	11.5	16	20	0.5	5	10	0.5	5
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	ABOVE	ABOVE
METALS (MG/KG)												
ANTIMONY	1.1 J	3.2 UJ	0.97 UJ	1.1 UJ	1.4 UJ	1.4 UJ	0.96 UJ	1.5 J	0.93 UJ	1 UJ	0.95 UJ	0.98 UJ
CHROMIUM	121	22.7	8.4	15.5 J	27.2 J	26.7	15.5	39	7	13.7	8.9	17.9
NICKEL	21.6	15 J	10.2	14.9	27.1	23.6	11.6	14 J	7.6 J	10.7 J	8.9	14
THALLIUM	1.1 U	3.5 U	1.1 U	1.2 U	1.5 U	1.5 U	1.1 U	1.1 U	1 U	1.1 U	1 U	1.1 U
VANADIUM	32.3	24.3 J	10.2 J	16.4	30.8	29.4	21	25.7	7.9 J	18.7	10 J	23.2
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	0.55 UJ	2 UJ	0.61 UJ	0.7 UJ	0.8 UJ	0.77 UJ	0.57 UJ	0.55 UJ	1.7 J	0.58 UJ	0.54 U	0.75 J
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	407	438	441	425	419	408	437	284	418	418	573	525
MISCELLANEOUS PARAMETERS (S.U.)												
PH	8.85	7.94	8.26	8.07	7.96	8.23	7.63	11	7.94	8.15	7.7	8.28

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_E019			
SAMPLE ID	016_E019_0.6	016_E019_5.5	016_E019_10.0	016_E019_10.0-D
SAMPLE DATE	20110822	20110822	20110822	20110822
TOP DEPTH	0.6	5.5	10	10
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW
METALS (MG/KG)				
ANTIMONY	1 UJ	0.98 UJ	1.5 UJ	1.5 UJ
CHROMIUM	12.6	19.7	25.5	24.6
NICKEL	11.9	16.6	18.3	17.5
THALLIUM	1.1 U	1.1 U	1.7 U	1.6 U
VANADIUM	14	19.5	25.7	24
MISCELLANEOUS PARAMETERS (MG/KG)				
HEXAVALENT CHROMIUM	0.61 UJ	0.55 UJ	0.85 UJ	0.9 UJ
MISCELLANEOUS PARAMETERS (MV)				
OXIDATION REDUCTION POTENTIAL	503	443	433	412
MISCELLANEOUS PARAMETERS (S.U.)				
PH	7.06	8.31	7.92	7.93

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F005								
SAMPLE ID	016_F005_0.0	016_F005_1.0	016_F005_1.5	016_F005_2.1	016_F005_5.0	016_F005_10.0	016_F005_14.0	016_F005_20.0	016_F005_23.0
SAMPLE DATE	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708
TOP DEPTH	0	1	1.5	2.1	5	10	14	20	23
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.55 UJ	0.66 UJ	0.7 UJ	0.7 UJ	0.54 UJ	0.78 UJ	0.82 UJ	0.73 UJ	0.6 UJ
CHROMIUM	522	2860	1820	1500	497	36.4	22	21.9	12.7
NICKEL	80.8	403	526	406	8.6	23.1	20.9	17.6	13.2
THALLIUM	0.31 U	0.36 U	0.39 U	0.39 U	0.3 U	0.43 U	0.45 U	0.4 U	0.33 U
VANADIUM	93.9	463	651	428	19.6	28	23.6	30.6	17
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.53 U	18.7	32.3	45.5	2.3	0.7 U	0.79 U	0.64 U	0.55 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	307	265	302	268	286	298	388	389	363
MISCELLANEOUS PARAMETERS (S.U.)									
PH	8.74	11.5	11.6	11.5	9.38	9.27	7.83	7.44	8.89

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F005a						
SAMPLE ID	016_F005a_0.4	016_F005a_5.0	016_F005a_7.8	016_F005a_12.2	016_F005a_16.0	016_F005a_20.0	016_F005a_23.1
SAMPLE DATE	20110808	20110808	20110808	20110808	20110808	20110808	20110808
TOP DEPTH	0.4	5	7.8	12.2	16	20	23.1
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.89 UJ	0.92 UJ	1.1 UJ	1.1 UJ	1.4 UJ	1.7 UJ	1.1 UJ
CHROMIUM	8.3 J	70.6 J	39.6 J	12.5 J	26.3 J	17.9 J	11.3 J
NICKEL	4.1 J	24.3	16.4	12.5	23.8	10.8 J	16.3
THALLIUM	0.98 U	1 U	1.2 U	1.2 U	1.5 U	1.9 U	1.2 U
VANADIUM	14.7	25	17.6	15	27.6	26.2	18.1
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.54 U	0.57 U	0.66 J	0.63 U	0.76 U	0.99 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	481	412	413	397	380	399	385
MISCELLANEOUS PARAMETERS (S.U.)							
PH	7.54	8.17	8	8.32	8.12	7.11	8.11

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F007					
SAMPLE ID	016_F007_0.6	016_F007_5.0	016_F007_11.5	016_F007_15.5	016_F007_20.0	016_F007_24.0
SAMPLE DATE	20110809	20110809	20110809	20110809	20110809	20110809
TOP DEPTH	0.6	5	11.5	15.5	20	24
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)						
ANTIMONY	0.93 UJ	1 UJ	1.1 UJ	1.1 UJ	2.4 UJ	1 UJ
CHROMIUM	77.3 J	75.7	9.6	12	23.6	18.5
NICKEL	29.5	22.1	11.6	13.8	17.4 J	17.1
THALLIUM	1 U	1.1 U	1.2 U	1.2 U	2.7 U	1.1 U
VANADIUM	20.3	28.6	13.3	13.1	34.2	26.1
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	0.53 UJ	0.59 UJ	0.61 UJ	0.62 UJ	1.5 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	381	426	390	381	390	445
MISCELLANEOUS PARAMETERS (S.U.)						
PH	8.78	8.05	8.38	8.12	7.65	7.18

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F008						
SAMPLE ID	016_F008_0.4	016_F008_5.0	016_F008_7.8	016_F008_11.2	016_F008_15.6	016_F008_20.0	016_F008_23.2
SAMPLE DATE	20110810	20110810	20110810	20110810	20110810	20110810	20110810
TOP DEPTH	0.4	5	7.8	11.2	15.6	20	23.2
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.96 UJ	1.2 J	0.95 UJ	0.97 UJ	1.3 UJ	2.5 UJ	0.98 UJ
CHROMIUM	17.2	57	7.4	9.9	19	17	16.7
NICKEL	9.1	30.9	8.1 J	11	17.9	16.4 J	13.3
THALLIUM	1.1 U	1.1 U	1 U	1.1 U	1.4 U	2.8 U	1.1 U
VANADIUM	17.3	30.3	8.8 J	12.6	21	23.6 J	24.3
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.55 UJ	1.1 J	0.59 UJ	0.6 UJ	15.1 J	6.4 J	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	390	404	402	399	378	411	454
MISCELLANEOUS PARAMETERS (S.U.)							
PH	8.72	8.56	8.45	8.38	8.05	7.64	5.52

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F010									
SAMPLE ID	016_F010_0.4	016_F010_2.0	016_F010_3.0	016_F010_5.0	016_F010_7.8	016_F010_12.3	016_F010_12.3-D	016_F010_16.0	016_F010_20.0	016_F010_25.0
SAMPLE DATE	20110823	20110823	20110823	20110823	20110823	20110823	20110823	20110823	20110823	20110823
TOP DEPTH	0.4	2	3	5	7.8	12.3	12.3	16	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.94 UJ	1.6 J	1.1 UJ	1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.1 UJ	1.3 UJ	0.91 UJ
CHROMIUM	9.6 J	140	374	150	6.5	19	19	19.7	13	13.7
NICKEL	8.2 J	28.1	48.7	80.3	8 J	18.7	18.9	19.1	9.6 J	11
THALLIUM	1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	1.2 U	1.5 U	1 U
VANADIUM	18	33.2	57.6	35.3	6.8 J	23.6	22.4	22.9	17.9	17.4
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	2.2 J	0.77 J	0.61 UJ	0.61 UJ	0.89 J	0.67 UJ	0.7 UJ	0.67 UJ	0.81 UJ	0.59 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	440	449	431	401	463	431	421	412	429	412
MISCELLANEOUS PARAMETERS (S.U.)										
PH	8.66	8.28	8.51	8.94	8.45	8.23	8.18	8.17	7.63	8.82

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F012							
SAMPLE ID	016_F012_0.5	016_F012_2.0	016_F012_3.0	016_F012_5.1	016_F012_7.0	016_F012_11.9	016_F012_20.0	016_F012_25.0
SAMPLE DATE	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110818
TOP DEPTH	0.5	2	3	5.1	7	11.9	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.9 UJ	0.99 UJ	2.7 UJ	5.1 UJ	1 UJ	1.1 UJ	1 UJ	1 UJ
CHROMIUM	25.5 J	89.2 J	2340 J	5030 J	14.7 J	7.4 J	14.6 J	13.5 J
NICKEL	10.5	38.4	267	358	8.3 J	7.9 J	17.4	10.2
THALLIUM	0.99 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U
VANADIUM	23.4	27.2	366	586	8.4 J	8.8 J	21.6	17.1
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.54 UJ	0.59 UJ	13.3 J	44.4 J	0.58 UJ	0.61 UJ	0.61 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	440	442	295	280	404	413	417	444
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.03	8.32	10.7	11.1	8.62	8.37	7.98	6.71

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F014								
SAMPLE ID	016_F014_0.4	016_F014_1.9	016_F014_2.4	016_F014_2.9	016_F014_7.0	016_F014_10.7	016_F014_15.5	016_F014_20.0	016_F014_25.0
SAMPLE DATE	20110812	20110812	20110812	20110812	20110812	20110812	20110812	20110812	20110812
TOP DEPTH	0.4	1.9	2.4	2.9	7	10.7	15.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.97 UJ	1.1 UJ	6.6 UJ	0.9 UJ	1.1 UJ	1 UJ	1 UJ	2 UJ	0.9 UJ
CHROMIUM	394 J	45.8 J	7030 J	1130 J	7.2 J	10.7	8.1	9.7	15
NICKEL	36.8	19.1	525	12	7.5 J	7.8 J	7 J	8.9 J	11.9 J
THALLIUM	1.1 U	1.2 U	5.8 U	0.99 U	1.2 U	1.1 U	1.1 U	2.2 U	0.99 U
VANADIUM	64.1	20.3	800	38.7	8.1 J	16.2	7.8 J	11.4 J	19.9
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.57 UJ	4.1 J	63.3 J	4.4 J	0.61 UJ	0.58 UJ	1 J	1.1 UJ	2 J
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	459	410	314	330	411	406	399	411	390
MISCELLANEOUS PARAMETERS (S.U.)									
PH	7.97	8.2	10.6	9.79	8.2	8.45	8.57	7.64	9.03

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_F016				016_G005					
SAMPLE ID	016_F016_0.5	016_F016_5.0	016_F016_5.0_DO_NOT_USE	016_F016_5.0-D	016_G005_0.5	016_G005_3.5	016_G005_7.4	016_G005_10.5	016_G005_15.0	016_G005_20.0
SAMPLE DATE	20110818	20110818	20110812	20110818	20110705	20110706	20110706	20110706	20110706	20110706
TOP DEPTH	0.5	5	5	5	0.5	3.5	7.4	10.5	15	20
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.94 UJ	0.96 UJ	0.98 UJ	1 UJ	1 UJ	0.94 UJ	0.98 UJ	1.1 UJ	1.4 UJ	1.4 UJ
CHROMIUM	41.2 J	96.8 J	244	109 J	71.1	30	7	6.6	27	30.2
NICKEL	9.5	18.7	17 J	17.6	332	19.9	8.6 J	7.6 J	25.1	25.7
THALLIUM	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.5 U	1.6 U
VANADIUM	20.6	26.7	28.7	23.1	26.4	24.3	7.8 J	7.7 J	30	29.6
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.61 J	1.1 J	0.61 UJ	0.83 J	0.58 U	0.55 UJ	0.58 UJ	0.61 UJ	0.79 UJ	0.8 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	417	438	438	464	--	313	321	376	373	380
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.04	8.24	8.2	8.3	--	8.24	8.25	8.42	8.08	7.55

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G007						
SAMPLE ID	016_G007_0.4	016_G007_5.0	016_G007_8.1	016_G007_12.2	016_G007_16.0	016_G007_20.0	016_G007_23.1
SAMPLE DATE	20110809	20110809	20110809	20110809	20110809	20110809	20110809
TOP DEPTH	0.4	5	8.1	12.2	16	20	23.1
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.98 UJ	1 UJ	1 UJ	0.98 UJ	1.3 UJ	1.6 UJ	1 UJ
CHROMIUM	60.9 J	64.5 J	7.3 J	6.3 J	28.4 J	19.9 J	10.9 J
NICKEL	281	46.7	8 J	8.1 J	26.2	22.6	12.6
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.7 U	1.1 U
VANADIUM	23.6	23.2	8.4 J	7.1 J	30.6	30.1	24.6
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.56 UJ	0.61 UJ	0.6 UJ	0.6 UJ	0.77 UJ	0.93 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	341	403	398	400	380	408	375
MISCELLANEOUS PARAMETERS (S.U.)							
PH	9.52	7.91	8.46	8.4	8.14	7.28	8.65

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G008								
SAMPLE ID	016_G008_0.5	016_G008_5.0	016_G008_6.0	016_G008_7.7	016_G008_11.2	016_G008_11.2-D	016_G008_15.5	016_G008_20.0	016_G008_25.0
SAMPLE DATE	20110810	20110810	20110810	20110810	20110810	20110810	20110810	20110810	20110810
TOP DEPTH	0.5	5	6	7.7	11.2	11.2	15.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.92 UJ	1.3 UJ	0.97 UJ	0.9 UJ	0.97 UJ	1 UJ	1.1 UJ	1.2 UJ	1 UJ
CHROMIUM	11.6	225	134	7.9	6.8	6.7	17.5	21.2	12.8
NICKEL	14.6	41.2	20.2	7.7 J	8.1 J	7.7 J	15.5	17.5	11.7
THALLIUM	1 U	1.4 U	1.1 U	0.99 U	1.1 U	1.2 U	1.2 U	1.3 U	1.1 U
VANADIUM	20.4	49.4	23.1	7.6 J	7.8 J	7.4 J	17.6	22.2	19.2
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.53 UJ	0.75 UJ	0.6 UJ	0.58 UJ	0.62 UJ	0.6 UJ	0.65 UJ	1.6 J	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	388	398	395	406	404	404	391	397	398
MISCELLANEOUS PARAMETERS (S.U.)									
PH	8.94	8.54	8.73	8.52	8.57	8.47	8.35	7.98	8.32

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G009						
SAMPLE ID	016_G009_1.1	016_G009_5.0	016_G009_10.0	016_G009_12.5	016_G009_16.5	016_G009_20.5	016_G009_25.0
SAMPLE DATE	20110707	20110707	20110707	20110707	20110707	20110707	20110707
TOP DEPTH	1.1	5	10	12.5	16.5	20.5	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.94 UJ	1.2 UJ	1 UJ	1 UJ	1.4 UJ	2.3 UJ	0.99 UJ
CHROMIUM	105 J	175 J	6.1 J	8 J	27.2 J	10.6 J	19.9 J
NICKEL	16.8 J	29.5 J	7.6 J	9.2 J	25 J	11.4 J	12.6 J
THALLIUM	1 U	1.3 U	1.1 U	1.1 U	1.5 U	2.5 U	1.1 U
VANADIUM	39.9 J	39.8 J	7.6 J	9.8 J	30.8 J	17 J	22.9 J
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.57 UJ	0.64 UJ	0.6 UJ	0.61 UJ	0.78 UJ	1.3 UJ	0.56 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	340	348	425	424	413	348	396
MISCELLANEOUS PARAMETERS (S.U.)							
PH	8.62	8.34	8.48	8.26	7.98	7.33	8.22

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G010								
SAMPLE ID	016_G010_0.6	016_G010_3.0	016_G010_3.4	016_G010_5.0	016_G010_7.9	016_G010_12.9	016_G010_17.0	016_G010_21.0	016_G010_25.0
SAMPLE DATE	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811
TOP DEPTH	0.6	3	3.4	5	7.9	12.9	17	21	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.9 UJ	0.9 UJ	0.91 UJ	0.95 UJ	0.97 UJ	1 UJ	1.3 UJ	2.4 UJ	0.91 UJ
CHROMIUM	29.4 J	55.2 J	991 J	60.9 J	6.7 J	15.7 J	51.3 J	19 J	19.3 J
NICKEL	26.3	14.2	76	10.5	7.9 J	14.9	53.1	13.7 J	14.4
THALLIUM	0.99 U	0.99 U	1 U	1 U	1.1 U	1.1 U	1.4 U	2.7 U	1 U
VANADIUM	32.2	31.5	117	10.8	7.5 J	17.3	32.5	26.2 J	22.7
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.54 U	0.53 U	0.57 U	0.57 U	0.57 U	0.63 U	0.77 U	1.5 U	0.55 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	382	404	414	411	418	425	411	423	428
MISCELLANEOUS PARAMETERS (S.U.)									
PH	9.29	8.77	8.24	8.5	8.39	8.42	8.23	7.52	5.15

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G011						
SAMPLE ID	016_G011_0.7	016_G011_2.3	016_G011_3.6	016_G011_5.0	016_G011_11.7	016_G011_16.0	016_G011_20.0
SAMPLE DATE	20110811	20110811	20110811	20110811	20110811	20110811	20110811
TOP DEPTH	0.7	2.3	3.6	5	11.7	16	20
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.88 UJ	0.87 UJ	2.3 UJ	1 UJ	1 UJ	1.1 UJ	1.1 UJ
CHROMIUM	21.6	145	2020	33.8	6.2	9.8	16.3
NICKEL	6.4 J	14.8	162	16.5	6.9 J	11	14
THALLIUM	0.97 U	0.96 U	1 U	1.1 U	1.1 U	1.2 U	1.2 U
VANADIUM	21.3	25.4	226	12.9	7.2 J	11.8 J	16.6
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.55 U	0.53 U	1.4 J	0.59 U	0.6 U	0.65 U	0.67 U
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	439	424	399	409	413	395	386
MISCELLANEOUS PARAMETERS (S.U.)							
PH	9.01	8.75	8.95	8.55	8.41	8.4	8.43

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G012							
SAMPLE ID	016_G012_0.6	016_G012_2.9	016_G012_3.4	016_G012_5.0	016_G012_7.8	016_G012_13.2	016_G012_17.0	016_G012_21.0
SAMPLE DATE	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811
TOP DEPTH	0.6	2.9	3.4	5	7.8	13.2	17	21
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.91 UJ	1 UJ	0.89 UJ	0.98 UJ	1 UJ	1 UJ	1.3 UJ	1.1 UJ
CHROMIUM	18.8	11.7	563 J	250 J	7.3 J	8.1 J	25.1 J	16.5 J
NICKEL	5.2 J	1.6 J	35.8	13.5	7.9 J	8.3 J	21.7	20.1
THALLIUM	1 U	1.1 U	0.98 U	1.1 U	1.1 U	1.1 U	1.4 U	1.2 U
VANADIUM	16.6	9.8 J	55.5	13.7	8.8 J	9.4 J	27.3	21.2
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.58 U	0.58 U	1.2 J	0.58 U	0.6 U	0.59 U	0.77 U	0.62 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	398	394	409	475	452	427	414	409
MISCELLANEOUS PARAMETERS (S.U.)								
PH	8.77	8.75	8.61	7.91	8.36	8.38	8.28	8.21

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G013								
SAMPLE ID	016_G013_0.6	016_G013_2.7	016_G013_3.3	016_G013_3.8	016_G013_7.0	016_G013_12.8	016_G013_17.0	016_G013_21.0	016_G013_25.0
SAMPLE DATE	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811	20110811
TOP DEPTH	0.6	2.7	3.3	3.8	7	12.8	17	21	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.99 UJ	0.98 UJ	2.5 UJ	0.89 UJ	1 UJ	0.96 UJ	1.1 UJ	2.9 UJ	1 UJ
CHROMIUM	147	182	4930	905	8.5	6.9	15.6	13.4	7.1
NICKEL	24.3	13.3	428	28.6	7.5 J	8.3 J	14.9	16.3 J	7 J
THALLIUM	1.1 U	1.1 U	2.8 U	0.98 U	1.1 U	1.1 U	1.2 U	3.2 U	1.1 U
VANADIUM	28.7	30.6	504	61.2	7.7 J	7 J	16.6	21.4 J	7.4 J
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	4.4	1.6 J	94.9	6.3	0.58 U	0.57 U	0.65 U	1.6 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	343	345	279	340	396	392	378	398	383
MISCELLANEOUS PARAMETERS (S.U.)									
PH	10.5	9.93	11.3	9.68	8.56	8.56	8.35	7.31	8.35

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G014									016_G015		016_G016
SAMPLE ID	016_G014_0.5	016_G014_2.0	016_G014_2.5	016_G014_3.2	016_G014_7.0	016_G014_10.0	016_G014_13.3	016_G014_21.0	016_G014_25.0	016_G015_0.6	016_G015_10.3	016_G016_0.6
SAMPLE DATE	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110818	20110815	20110815	20110812
TOP DEPTH	0.5	2	2.5	3.2	7	10	13.3	21	25	0.6	10.3	0.6
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE	BELOW	ABOVE
METALS (MG/KG)												
ANTIMONY	0.87 UJ	0.94 UJ	13.7 UJ	0.96 UJ	1 UJ	1 UJ	1 UJ	3 UJ	0.99 UJ	0.96 UJ	1 UJ	0.94 UJ
CHROMIUM	60.8	35.5	6680	718	8.7 J	9.5 J	11 J	22.9 J	12.8 J	173	23.1	28.5
NICKEL	8.8	2.2 J	468	14.4	7.5 J	6.5 J	11.7	14.4 J	10.6	26.3	8.1 J	4.9 J
THALLIUM	0.96 U	1 U	15.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.3 U	1.1 U	1.1 U	1.1 U	1 U
VANADIUM	26	16.7	765	21.5	7.6 J	8.2 J	13.3	23.1 J	14.3	27.1	6.3 J	20.1
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	1.5 J	0.55 UJ	222 J	1 J	0.56 UJ	0.61 UJ	0.61 UJ	2.4 J	0.59 UJ	0.57 U	7.1	2.4 J
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	469	406	280	347	417	431	412	404	430	490	511	425
MISCELLANEOUS PARAMETERS (S.U.)												
PH	8.92	9.32	11.1	9.59	8.37	8.35	8.34	7.57	7.6	9.29	8.18	8.91

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_G017					
SAMPLE ID	016_G017_0.6	016_G017_1.1	016_G017_1.1-D	016_G017_2.1	016_G017_5.8	016_G017_10.0
SAMPLE DATE	20110822	20110822	20110822	20110822	20110822	20110822
TOP DEPTH	0.6	1.1	1.1	2.1	5.8	10
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW
METALS (MG/KG)						
ANTIMONY	0.88 UJ	0.91 UJ	0.93 UJ	0.95 UJ	0.99 UJ	1.5 UJ
CHROMIUM	827	760	756	64.3	20.2	23.6
NICKEL	56.8	83.2	50.6	15.5	10.2	16.5
THALLIUM	0.97 U	1 U	1 U	1 U	1.1 U	1.6 U
VANADIUM	89.1	105	69.7	22.6	17.7	22.5
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	14.3 J	14.2 J	11.7 J	1.3 J	0.58 UJ	0.83 UJ
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	429	433	436	451	449	390
MISCELLANEOUS PARAMETERS (S.U.)						
PH	9.01	8.79	8.82	8.34	8.09	7.88

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H005								
SAMPLE ID	016_H005_0.5	016_H005_3.2	016_H005_5.0	016_H005_5.5	016_H005_6.0	016_H005_11.5	016_H005_15.5	016_H005_19.5	016_H005_23.5
SAMPLE DATE	20110705	20110705	20110705	20110705	20110705	20110705	20110705	20110705	20110705
TOP DEPTH	0.5	3.2	5	5.5	6	11.5	15.5	19.5	23.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.96 UJ	0.9 UJ	1 UJ	3 UJ	0.95 UJ	1 UJ	1.1 UJ	1 UJ	1.3 UJ
CHROMIUM	12	16.7	281	3910	1830	20.1	1590	8.4	31.2
NICKEL	28.9	14.9	30.9	557	31.5	18	244	7 J	24.4
THALLIUM	1.1 U	0.99 U	1.1 U	3.3 U	1 U	1.1 U	1.2 U	1.1 U	1.4 U
VANADIUM	19.7	24.1	53.6	1060	67.1	22.5	357	7.4 J	30.9
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.55 U	0.53 U	0.6 U	3.1	9.2	0.59 U	1.5 J	0.61 U	0.78 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	355	349	361	320	312	340	267	329	325
MISCELLANEOUS PARAMETERS (S.U.)									
PH	9.59	8.81	8.27	8.75	9.38	8.65	8.65	8.48	7.86

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H007							
SAMPLE ID	016_H007_0.5	016_H007_3.5	016_H007_7.5	016_H007_11.5	016_H007_15.0	016_H007_20.0	016_H007_23.3	016_H007_27.5
SAMPLE DATE	20110706	20110706	20110706	20110706	20110706	20110706	20110706	20110706
TOP DEPTH	0.5	3.5	7.5	11.5	15	20	23.3	27.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.99 UJ	1 UJ	1 UJ	1.1 UJ	1.2 UJ	2.1 UJ	1 UJ	0.97 UJ
CHROMIUM	116 J	64.5 J	8.6 J	9.3 J	19.8 J	36.4 J	12.6 J	6.5 J
NICKEL	351	21.9	9.4	10.4	17.9	30.7	11.3	10 J
THALLIUM	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U	2.3 U	1.1 U	1.1 U
VANADIUM	36.1	25.3	9.4 J	12.7	20.5	46.1	22.7	7.2 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.6 UJ	0.6 UJ	0.6 UJ	0.62 UJ	0.7 UJ	1.2 UJ	0.56 UJ	0.61 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	340	369	367	388	375	393	379	455
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.63	8.19	8.48	8.53	8.48	7.23	7.54	8.83

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H008							
SAMPLE ID	016_H008_0.4	016_H008_2.2	016_H008_2.7	016_H008_5.0	016_H008_11.3	016_H008_15.5	016_H008_20.0	016_H008_23.3
SAMPLE DATE	20110810	20110810	20110810	20110810	20110810	20110810	20110810	20110810
TOP DEPTH	0.4	2.2	2.7	5	11.3	15.5	20	23.3
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.97 UJ	0.94 UJ	0.98 UJ	0.91 UJ	0.97 UJ	1.3 UJ	0.029 UJ	0.022 UJ
CHROMIUM	57.5	147	1290	139	7.5	31.4	0.63	0.33
NICKEL	40	20.6	173	15.6	8.9	26.5	0.58	0.36
THALLIUM	1.1 U	1 U	1.1 U	1 U	1.1 U	1.4 U	0.032 U	0.024 U
VANADIUM	38	31.1	260	17.7	8.5 J	34.1	0.79	0.38
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.54 UJ	1.3 J	2.1 J	0.81 J	0.59 UJ	0.81 U	0.84 U	0.61 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	397	433	413	385	406	374	371	424
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.07	8.3	8.71	9.41	8.45	8.24	7.79	7.9

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H009					
SAMPLE ID	016_H009_0.4	016_H009_5.0	016_H009_5.0-D	016_H009_10.0	016_H009_20.0	016_H009_25.0
SAMPLE DATE	20110819	20110819	20110819	20110819	20110819	20110819
TOP DEPTH	0.4	5	5	10	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW
METALS (MG/KG)						
ANTIMONY	0.92 UJ	1 UJ	0.98 UJ	1 UJ	0.99 UJ	1 UJ
CHROMIUM	36.7 J	131 J	205 J	10.9 J	11.1	15.7
NICKEL	3220	9.8	9.8	7.7 J	12.2	12.5
THALLIUM	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	26.3	12.2	10.9 J	7 J	14.1	19.9
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	0.55 U	0.58 U	5.4	0.6 U	0.58 U	0.56 U
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	404	435	442	434	413	420
MISCELLANEOUS PARAMETERS (S.U.)						
PH	9.78	8.21	7.97	8.63	8.74	8.98

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H010									
SAMPLE ID	016_H010_0.5	016_H010_2.4	016_H010_2.9	016_H010_3.4	016_H010_7.5	016_H010_12.2	016_H010_16.0	016_H010_20.0	016_H010_25.0	016_H010_25.0-D
SAMPLE DATE	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817
TOP DEPTH	0.5	2.4	2.9	3.4	7.5	12.2	16	20	25	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.92 UJ	0.91 UJ	4.6 J	0.99 UJ	1 UJ	1 UJ	1.3 UJ	1.7 UJ	0.98 UJ	0.92 UJ
CHROMIUM	55.4	184	2390	671	12.9	6.7	27	21.1	11.6	11
NICKEL	534	30.4	312	26	7.8 J	7.7 J	24.2	16.5	14.8	13.4
THALLIUM	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U	1.9 U	1.1 U	1 U
VANADIUM	40.4	45.7	265	50.7	6.9 J	8.9 J	30.7	23.9	15.3	13.8
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.54 U	0.57 U	2.3 J	0.67 J	0.56 U	0.58 U	0.8 U	1 U	0.59 U	0.58 J
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	436	442	422	430	438	435	406	448	446	414
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.57	8.7	8.88	8.66	8.41	8.38	8.28	7.85	8.48	8.4

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H011							
SAMPLE ID	016_H011_0.6	016_H011_1.1	016_H011_1.6	016_H011_2.2	016_H011_2.7	016_H011_3.2	016_H011_8.0	016_H011_25.0
SAMPLE DATE	20110816	20110816	20110816	20110816	20110816	20110816	20110816	20110816
TOP DEPTH	0.6	1.1	1.6	2.2	2.7	3.2	8	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.91 UJ	0.92 UJ	0.96 UJ	0.97 UJ	5 J	1 UJ	1 UJ	1 UJ
CHROMIUM	48.3	42.8	525	155	4440	709	12.1	10.6
NICKEL	4.6 J	6.5 J	81.4	16.4	390	54.2	8.3 J	12.9
THALLIUM	1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
VANADIUM	15.1	24.1	68.2	30.7	379	48.8	7.2 J	13.7
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	1.4 J	1.1 J	1.8 J	0.57 UJ	18.9 J	17.5 J	0.59 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	433	438	420	396	303	341	403	428
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.21	8.88	9.1	9.49	11	10.3	8.56	7

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H012									
SAMPLE ID	016_H012_0.5	016_H012_2.2	016_H012_2.7	016_H012_3.3	016_H012_6.5	016_H012_6.5-D	016_H012_12.2	016_H012_16.0	016_H012_20.0	016_H012_25.0
SAMPLE DATE	20110826	20110826	20110826	20110826	20110826	20110826	20110826	20110826	20110826	20110826
TOP DEPTH	0.5	2.2	2.7	3.3	6.5	6.5	12.2	16	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.92 UJ	0.94 UJ	1 UJ	0.99 UJ	0.96 UJ	1 UJ	0.94 UJ	1.3 UJ	0.97 UJ	1.3 UJ
CHROMIUM	38.8	71.5	2660	168	206	166	6.2	23.9	9.4	22.7
NICKEL	4.2 J	8.6	342	14.2	7.9 J	7 J	7.4 J	21.9	11.9	19.9
THALLIUM	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.4 U	1.1 U	1.4 U
VANADIUM	14	24.1	417	18.8	6.5 J	6.8 J	7.1 J	26.7	12.4	24.1
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	1.2 J	1 J	23.6 J	6.6 J	12.5 J	3.9 J	0.92 J	0.74 UJ	0.57 UJ	0.74 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	423	404	355	371	416	415	431	425	460	433
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.13	9.26	10.1	9.8	8.78	8.83	8.25	8.12	6.98	8.08

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H013								
SAMPLE ID	016_H013_0.6	016_H013_2.3	016_H013_2.8	016_H013_3.1	016_H013_7.0	016_H013_12.0	016_H013_12.0-D	016_H013_20.0	016_H013_25.0
SAMPLE DATE	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824
TOP DEPTH	0.6	2.3	2.8	3.1	7	12	12	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.94 UJ	0.93 UJ	4.9 UJ	0.95 UJ	0.96 UJ	0.99 UJ	0.96 UJ	1.1 UJ	0.99 UJ
CHROMIUM	28.8	50.7	3220	1130	6.9	6.7	7	9.6	8.7
NICKEL	7.6 J	4.5 J	279	24.5	7.8 J	7.9 J	7.8 J	8.2 J	10.6
THALLIUM	1 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
VANADIUM	19.2	14.1	342	63.8	7.3 J	7.6 J	7.6 J	12 J	10.2 J
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.52 U	1.4 J	0.62 U	2.7	0.57 U	0.6 U	0.6 U	0.62 U	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	466	418	401	422	436	440	440	447	519
MISCELLANEOUS PARAMETERS (S.U.)									
PH	8.78	9.29	9.52	9.06	8.67	8.36	8.31	7.73	6.99

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_H014								016_H016		
SAMPLE ID	016_H014_0.4	016_H014_5.0	016_H014_7.8	016_H014_11.1	016_H014_15.0	016_H014_15.0-D	016_H014_20.0	016_H014_25.0	016_H016_0.6	016_H016_1.1	016_H016_5.0
SAMPLE DATE	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110823	20110823	20110823
TOP DEPTH	0.4	5	7.8	11.1	15	15	20	25	0.6	1.1	5
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE
METALS (MG/KG)											
ANTIMONY	0.96 UJ	0.96 UJ	0.98 UJ	0.95 UJ	1.1 UJ	1.1 UJ	1.2 UJ	0.99 UJ	1 UJ	0.91 UJ	0.9 UJ
CHROMIUM	155	260	8.5	6.2	19	10.8	17	8.4	2290	52.2	139
NICKEL	18	9.1	7.5 J	6.8 J	13.6	11.2	14.4	11.7 J	381	10.6	10.6
THALLIUM	1.1 U	1.1 U	1.1 U	1 U	1.2 U	1.2 U	1.4 U	1.1 U	2.8 U	1 U	0.99 U
VANADIUM	27.6	11.8	8.4 J	7.4 J	14.8	11.5 J	17.4	10.9 J	335	15.4	20.1
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM	0.91 J	2.4 J	0.56 UJ	0.56 UJ	0.66 UJ	0.65 UJ	0.7 UJ	0.58 UJ	118 J	5.4 J	3.5 J
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	371	395	440	430	406	401	414	439	409	406	425
MISCELLANEOUS PARAMETERS (S.U.)											
PH	9.74	9.31	8.46	8.52	8.39	8.41	7.88	8.17	9.26	9.5	9.1

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I005						
SAMPLE ID	016_I005_1.0	016_I005_1.8	016_I005_6.8	016_I005_10.8	016_I005_15.0	016_I005_20.0	016_I005_25.0
SAMPLE DATE	20110705	20110706	20110706	20110706	20110706	20110706	20110706
TOP DEPTH	1	1.8	6.8	10.8	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.98 UJ	1 UJ	1 UJ	1 UJ	1.3 UJ	2.3 UJ	0.97 UJ
CHROMIUM	114	147	5.8	7.8	22	21.3	4
NICKEL	69.7	58.3	6.7 J	9.5	20.7	15.8 J	4.8 J
THALLIUM	1.1 U	1.1 U	1.1 U	1.1 U	1.4 U	2.5 U	1.1 U
VANADIUM	31.1	34.8	7.3 J	10.3 J	23.9	31.1	5.4 J
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.57 U	0.59 U	6.7	0.61 U	0.72 U	1.3 UJ	0.59 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	--	192	265	270	282	307	304
MISCELLANEOUS PARAMETERS (S.U.)							
PH	--	11.2	8.81	8.61	8.21	7.49	7.78

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I006						
SAMPLE ID	016_I006_0.6	016_I006_3.4	016_I006_7.5	016_I006_10.7	016_I006_15.0	016_I006_20.0	016_I006_25.0
SAMPLE DATE	20110705	20110706	20110706	20110706	20110706	20110706	20110706
TOP DEPTH	0.6	3.4	7.5	10.7	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)							
ANTIMONY	0.92 UJ	1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	2.5 UJ	1 UJ
CHROMIUM	180	869	10.7	13.8	23.1	32.1	6.9
NICKEL	40.3	13.2	9.2 J	12	19.8	24.4	8.3 J
THALLIUM	1 U	1.1 U	1.2 U	1.2 U	1.3 U	2.7 U	1.1 U
VANADIUM	50.2	17.5	8.9 J	11.8 J	22.4	39.2	10.4 J
MISCELLANEOUS PARAMETERS (MG/KG)							
HEXAVALENT CHROMIUM	0.56 U	0.6 UJ	0.61 UJ	2.1 J	0.71 UJ	1.5 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)							
OXIDATION REDUCTION POTENTIAL	--	295	301	300	346	374	314
MISCELLANEOUS PARAMETERS (S.U.)							
PH	--	8.37	8.34	8.43	8.11	6.85	8.72

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I006a						016_I009					
SAMPLE ID	016_I006a_0.7	016_I006a_2.9	016_I006a_7.7	016_I006a_11.5	016_I006a_15.5	016_I006a_20.0	016_I009_0.0	016_I009_5.0	016_I009_11.5	016_I009_15.5	016_I009_20.0	016_I009_25.0
SAMPLE DATE	20110705	20110706	20110706	20110706	20110706	20110706	20110809	20110809	20110809	20110809	20110809	20110809
TOP DEPTH	0.7	2.9	7.7	11.5	15.5	20	0	5	11.5	15.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)												
ANTIMONY	0.93 UJ	1 UJ	1 UJ	1.4 UJ	1.3 UJ	1.6 UJ	0.92 UJ	0.94 UJ	1.1 UJ	1.4 UJ	1.4 UJ	0.96 UJ
CHROMIUM	67.8	373	7.9	27.6	27.8	17.8	15 J	165 J	11.3 J	25.3 J	30.9 J	11.9 J
NICKEL	143	10.2	9.5	26	23.2	15.7	14.6	6.2 J	11.5	20.4	26.3	15.1
THALLIUM	1 U	1.1 U	1.1 U	1.5 U	1.5 U	1.7 U	1 U	1 U	1.2 U	1.5 U	1.6 U	1.1 U
VANADIUM	27.4	10.1 J	9.1 J	30.3	27.9	22	64.4	9.2 J	15.9	23.4	32.2	13.3
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	0.87 J	0.58 UJ	0.61 UJ	0.78 UJ	0.77 UJ	0.94 UJ	0.51 UJ	0.68 J	0.64 UJ	0.78 UJ	0.81 UJ	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	--	336	330	328	333	355	250	382	381	372	390	370
MISCELLANEOUS PARAMETERS (S.U.)												
PH	--	8.26	8.32	8.08	7.95	6.81	11.3	8.69	8.44	8.26	7.58	8.73

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I011							
SAMPLE ID	016_I011_0.5	016_I011_2.8	016_I011_3.3	016_I011_3.5	016_I011_7.5	016_I011_11.5	016_I011_20.0	016_I011_25.0
SAMPLE DATE	20110817	20110817	20110817	20110817	20110817	20110817	20110817	20110817
TOP DEPTH	0.5	2.8	3.3	3.5	7.5	11.5	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.92 UJ	0.9 UJ	4.8 UJ	0.94 UJ	0.96 UJ	1 UJ	1.1 UJ	1 UJ
CHROMIUM	120	1200	2780	742	44.3	6.1	13	19.8
NICKEL	12.5	59.7	349	61.6	6.5 J	7.3 J	12.4	16.7
THALLIUM	1 U	0.99 U	1.1 U	1 U	1.1 U	1.1 U	1.2 U	1.1 U
VANADIUM	27.2	178	261	63	8.5 J	7.4 J	19.2	21.9
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	2.4	64	36.4	21.2	1.1 J	0.59 U	0.59 U	0.62 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	401	377	322	337	398	403	405	398
MISCELLANEOUS PARAMETERS (S.U.)								
PH	9.28	9.46	10.8	10.6	8.68	8.39	7.74	8.16

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I012								
SAMPLE ID	016_I012_0.4	016_I012_2.0	016_I012_2.5	016_I012_3.0	016_I012_7.0	016_I012_12.3	016_I012_12.3-D	016_I012_20.0	016_I012_25.0
SAMPLE DATE	20110824	20110824	20110825	20110824	20110824	20110825	20110825	20110825	20110825
TOP DEPTH	0.4	2	2.5	3	7	12.3	12.3	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.93 UJ	0.91 UJ	5.4 UJ	0.94 UJ	0.98 UJ	0.98 UJ	1 UJ	2.4 UJ	0.94 UJ
CHROMIUM	40.6	648	6930	479	8.3	8.4	6.4	18.3	12.4
NICKEL	4.7 J	45.8	446	21.7	8.5 J	8 J	7.3 J	15.4 J	15.3
THALLIUM	1 U	1 U	6 U	1 U	1.1 U	1.1 U	1.1 U	2.6 U	1 U
VANADIUM	12.7	152	592	24.5	8.6 J	7.9 J	7.2 J	24.5 J	15
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.53 UJ	3.7 J	276 J	16.8 J	0.59 UJ	0.6 UJ	0.57 UJ	1.4 UJ	0.59 UJ
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	396	409	271	300	398	397	403	388	449
MISCELLANEOUS PARAMETERS (S.U.)									
PH	9.16	9.16	11.6	10.7	8.8	8.53	8.48	7.66	8.09

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I013									
SAMPLE ID	016_I013_0.7	016_I013_1.2	016_I013_1.7	016_I013_2.2	016_I013_2.7	016_I013_3.1	016_I013_3.7	016_I013_7.5	016_I013_7.5-D	016_I013_11.9
SAMPLE DATE	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824	20110824
TOP DEPTH	0.7	1.2	1.7	2.2	2.7	3.1	3.7	7.5	7.5	11.9
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.91 UJ	0.89 UJ	0.94 UJ	0.97 UJ	1.3 J	5.1 UJ	0.99 UJ	0.97 UJ	0.97 UJ	0.97 UJ
CHROMIUM	93.7	954	2860	1700	44	7090	1000	7.6	8	8.9
NICKEL	30.4	70.2	182	130	21.2	626	39.2	7.1 J	8 J	8.3 J
THALLIUM	1 U	0.98 U	1 U	1.1 U	1 U	5.6 U	1.1 U	1.1 U	1.1 U	1.1 U
VANADIUM	70	103	290	214	25.5	889	52	7.4 J	8.1 J	8.7 J
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.55 J	0.53 U	3.3	2.3	1.4 J	128 J	3.2 J	0.58 UJ	0.59 J	0.58 UJ
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	423	431	381	358	217	278	325	398	401	412
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.17	8.76	9.52	10.3	12.6	11.6	10.4	8.8	8.89	8.46

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I014										
SAMPLE ID	016_I014_0.5	016_I014_1.5	016_I014_2.0	016_I014_2.5	016_I014_5.0	016_I014_5.0-D	016_I014_7.8	016_I014_10.9_11.4	016_I014_15.0	016_I014_20.0	016_I014_25.0
SAMPLE DATE	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825
TOP DEPTH	0.5	1.5	2	2.5	5	5	7.8	10.9	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)											
ANTIMONY	0.93 UJ	0.92 UJ	2.4 UJ	0.98 UJ	1 UJ	1 UJ	0.95 UJ	0.94 UJ	1.2 UJ	1.3 UJ	0.98 UJ
CHROMIUM	289	471	2860	249	302	280	8.5	7.4	13.3	20.9	10.2
NICKEL	23.9	31.9	110	15.8	9.9	9.1	7.9 J	7.1 J	11	18.5	9.6
THALLIUM	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1 U	1.3 U	1.4 U	1.1 U
VANADIUM	39.8	45.5	187	29	11.1 J	10.3 J	8.9 J	7.7 J	13.2 J	22.9	12.6
MISCELLANEOUS PARAMETERS (MG/KG)											
HEXAVALENT CHROMIUM	4.7 J	17.8 J	11.2 J	4.5 J	5.1 J	6.4 J	0.56 UJ	0.55 UJ	4.5 J	0.78 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)											
OXIDATION REDUCTION POTENTIAL	408	382	331	358	404	422	448	400	411	414	500
MISCELLANEOUS PARAMETERS (S.U.)											
PH	9.42	10.4	10.7	10.2	9.4	9.14	8.45	8.78	8.51	7.8	6.16

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_I015							
SAMPLE ID	016_I015_0.7	016_I015_0.9	016_I015_5.0	016_I015_7.4	016_I015_11.5	016_I015_20.0	016_I015_20.0-D	016_I015_25.0
SAMPLE DATE	20110825	20110825	20110825	20110825	20110825	20110825	20110825	20110825
TOP DEPTH	0.7	0.9	5	7.4	11.5	20	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	1 UJ	1 UJ	1.1 UJ	0.96 UJ	1 UJ	1.3 UJ	1.3 UJ	1.1 UJ
CHROMIUM	727	18.8	60.5	238	8.6	18.8	17.5	5.9
NICKEL	115	9.1 J	8.3 J	6.3 J	9.3 J	12.5	13.1	5.2 J
THALLIUM	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.4 U	1.5 U	1.2 U
VANADIUM	97.5	8.1 J	8.1 J	7.7 J	9.3 J	17.3	17.4	4.9 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	15 J	1.6 J	1.8 J	0.81 J	0.6 UJ	0.73 UJ	0.79 UJ	0.62 UJ
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	348	425	444	437	436	415	412	413
MISCELLANEOUS PARAMETERS (S.U.)								
PH	10.5	8.78	8.44	8.27	8.39	7.6	7.65	8.51

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_J005							
SAMPLE ID	016_J005_0.0	016_J005_2.2	016_J005_2.7	016_J005_5.0	016_J005_5.9	016_J005_10.0	016_J005_15.0	016_J005_20.0
SAMPLE DATE	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708
TOP DEPTH	0	2.2	2.7	5	5.9	10	15	20
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)								
ANTIMONY	0.54 UJ	0.58 UJ	0.77 UJ	0.66 UJ	0.64 UJ	0.63 UJ	0.73 UJ	1.2 UJ
CHROMIUM	41	63.1	2160	4410	964	7.2	22.3	30.1
NICKEL	39.4	14.6	178	438	44	4.9 J	19.1	16.2
THALLIUM	0.3 U	0.32 U	0.43 U	0.37 U	0.36 U	0.35 U	0.41 U	0.67 U
VANADIUM	39.9 J	17.9 J	272 J	561	82.1	8.9	23	27.1
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.49 U	0.54 U	0.64 U	8.7	1 J	0.58 U	0.73 J	1 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	385	294	297	279	288	356	318	343
MISCELLANEOUS PARAMETERS (S.U.)								
PH	7.95	8.36	8.16	10.8	10.5	8.39	8.07	7.27

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_J014				
SAMPLE ID	016_J014_0.7	016_J014_5.0	016_J014_15.0	016_J014_20.0	016_J014_23.3
SAMPLE DATE	20110809	20110809	20110809	20110809	20110809
TOP DEPTH	0.7	5	15	20	23.3
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)					
ANTIMONY	0.89 UJ	1 UJ	1.6 UJ	1.5 UJ	0.96 UJ
CHROMIUM	39.1 J	233 J	53.1 J	9.8 J	8.3 J
NICKEL	9.9	7.8 J	39.4	5.8 J	11.8
THALLIUM	0.98 U	1.2 U	1.8 U	1.7 U	1.1 U
VANADIUM	12.6	10.5 J	32.6	9.4 J	12.2
MISCELLANEOUS PARAMETERS (MG/KG)					
HEXAVALENT CHROMIUM	0.53 UJ	0.58 UJ	0.98 UJ	0.85 UJ	0.57 UJ
MISCELLANEOUS PARAMETERS (MV)					
OXIDATION REDUCTION POTENTIAL	387	403	134	422	478
MISCELLANEOUS PARAMETERS (S.U.)					
PH	8.75	8.29	8.43	7.6	4.47

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_K007									
SAMPLE ID	016_K007_0.5	016_K007_2.3	016_K007_2.8	016_K007_3.3	016_K007_3.8	016_K007_5.0	016_K007_11.4	016_K007_15.0	016_K007_20.0	016_K007_25.0
SAMPLE DATE	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803
TOP DEPTH	0.5	2.3	2.8	3.3	3.8	5	11.4	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	1.5 J	1.1 J	2.3 J	2.5 J	5.1 J	1.1 J	0.96 UJ	1.2 UJ	1.5 UJ	1 UJ
CHROMIUM	34.1	131	572	190	3700	546	6.8	19.3	32.9	10
NICKEL	35.6	25.8	105	23.6	314	10	8.6 J	17.6	28.1	13.7
THALLIUM	1 U	1 U	1.1 U	0.97 U	1.1 U	1.1 U	1.1 U	1.3 U	1.7 U	1.1 U
VANADIUM	47.6	47.3	99.6	28.3	232	53.6	8.5 J	20.1	37.2	11.7
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.53 U	1.2 J	3	2.4	1.5 J	9.9	0.58 U	0.68 U	0.91 U	0.59 U
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	369	337	342	169	290	368	361	332	356	401
MISCELLANEOUS PARAMETERS (S.U.)										
PH	8.8	9.38	9.22	12.3	9.8	8.65	8.33	8.09	7.49	8.2

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_K009								
SAMPLE ID	016_K009_0.0	016_K009_1.4	016_K009_1.9	016_K009_2.4	016_K009_7.0	016_K009_10.7	016_K009_16.0	016_K009_20.0	016_K009_25.0
SAMPLE DATE	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708	20110708
TOP DEPTH	0	1.4	1.9	2.4	7	10.7	16	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)									
ANTIMONY	0.93 UJ	0.9 UJ	0.97 UJ	0.95 UJ	1 UJ	1.1 UJ	1.4 UJ	1.4 UJ	1 UJ
CHROMIUM	64.4	23	250	11.1	12.5	8.8	43.3	28.9	11.3
NICKEL	97.4	17.5	63.4	6.2 J	7 J	9.9	38.3	25.6	14.7
THALLIUM	1 U	0.99 U	1.1 U	1 U	1.1 U	1.2 U	1.5 U	1.6 U	1.1 U
VANADIUM	35.9	25.3	63.5	10.5 J	7 J	11 J	34.2	32.9	13.2
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.53 U	0.52 U	0.74 J	0.54 U	0.58 U	0.59 U	0.8 U	4.6	0.57 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	346	213	327	355	349	349	275	334	382
MISCELLANEOUS PARAMETERS (S.U.)									
PH	8.34	11	9.57	8.76	8.43	8.32	8.15	7.56	8.28

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_K013						016_L005					
SAMPLE ID	016_K013_1.2	016_K013_2.1	016_K013_6.0	016_K013_11.3	016_K013_20.0	016_K013_25.0	016_L005_0.0	016_L005_5.0	016_L005_10.7	016_L005_15.0	016_L005_20.0	016_L005_25.0
SAMPLE DATE	20110803	20110803	20110803	20110803	20110803	20110803	20110708	20110708	20110708	20110708	20110708	20110708
TOP DEPTH	1.2	2.1	6	11.3	20	25	0	5	10.7	15	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)												
ANTIMONY	9.6 J	0.97 J	1.1 UJ	0.97 UJ	1.4 UJ	1 UJ	0.58 UJ	0.59 UJ	0.61 UJ	0.81 UJ	1.7 UJ	0.69 UJ
CHROMIUM	4570	147	101	8.4	35	19.3	125	48.1	7.7	32.8	28.8	11.7
NICKEL	393	12.9	8.1 J	9.4	21.7	25.5	34	10.2	10.6	27	14.8 J	15.2
THALLIUM	1.1 U	0.96 U	1.2 U	1.1 U	1.6 U	1.1 U	0.32 U	0.33 U	0.34 U	0.45 U	0.97 U	0.38 U
VANADIUM	589	21.6	8.1 J	10.5 J	26.9	23.9	45.8 J	10.8 J	11.7 J	24 J	29.1 J	14.7 J
MISCELLANEOUS PARAMETERS (MG/KG)												
HEXAVALENT CHROMIUM	208 J	12.2 J	0.59 UJ	0.6 UJ	0.81 UJ	0.62 UJ	0.51 UJ	0.59 UJ	0.59 U	0.74 U	17.2 U	0.57 U
MISCELLANEOUS PARAMETERS (MV)												
OXIDATION REDUCTION POTENTIAL	317	372	384	365	336	347	382	274	324	218	287	316
MISCELLANEOUS PARAMETERS (S.U.)												
PH	10.4	9.45	8.53	8.43	8.05	7.84	8.5	11.2	8.68	8.43	7.57	7.14

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Initial Investigation

LOCATION	016_L010									
SAMPLE ID	016_L010_0.0	016_L010_1.6	016_L010_2.1	016_L010_2.6	016_L010_5.0	016_L010_5.0-D	016_L010_10.0	016_L010_16.0	016_L010_20.0	016_L010_25.0
SAMPLE DATE	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803	20110803
TOP DEPTH	0	1.6	2.1	2.6	5	5	10	16	20	25
ABOVE/BELOW GW TABLE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)										
ANTIMONY	0.9 J	2.7 J	10.4 J	0.92 UJ	1.4 J	0.99 J	1 UJ	0.99 UJ	1.4 UJ	1.1
CHROMIUM	41.1	530	4650	66.5	453	368	8.1	11.7	24.9	15.7
NICKEL	30.3	56.4	503	15.3	57.1	54.7	7.3 J	10.2	21.4	20.8
THALLIUM	0.99 U	1 U	1.1 U	1 U	1 U	1 U	1.1 U	1.1 U	1.5 U	1.2
VANADIUM	46	70.1	870	22.2	84.6	74.5	7 J	9.7 J	26.5	20.6
MISCELLANEOUS PARAMETERS (MG/KG)										
HEXAVALENT CHROMIUM	0.51 UJ	12.1 J	169 J	11.2 J	9.1 J	13.3	0.86 J	0.61 U	0.76 U	0.64
MISCELLANEOUS PARAMETERS (MV)										
OXIDATION REDUCTION POTENTIAL	316	248	305	343	305	309	362	337	343	343
MISCELLANEOUS PARAMETERS (S.U.)										
PH	9.18	10.7	9.66	10.1	10.4	9.52	8.65	8.59	7.95	7.96

U = NON DETECT
J = ESTIMATED

APPENDIX I-2 DELINEATION INVESTIGATION

Site 16
Soil Appendix Table
Delineation Investigation

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH ABOVE/BELOW GW TABLE	016_J019			
	016_J019_0.0 20121220 0 ABOVE	016_J019_5.0 20121220 5 ABOVE	016_J019_10.0 20121220 10 BELOW	016_J019_15.0 20121220 15 BELOW
METALS (MG/KG)				
ANTIMONY	0.4 U	0.43 U	0.45 U	1.6
CHROMIUM	15.6	198	55.4	68.3
NICKEL	9.7	7.6	6.8	42.3
THALLIUM	0.19 U	0.21 U	0.21 U	0.34 U
VANADIUM	12.7	19	13.3	39.7
MISCELLANEOUS PARAMETERS (MG/KG)				
HEXAVALENT CHROMIUM	0.82 U	0.87 U	0.91 U	1.4 U
MISCELLANEOUS PARAMETERS (MV)				
OXIDATION REDUCTION POTENTIAL	465	449	435	328
MISCELLANEOUS PARAMETERS (S.U.)				
PH	8.6	8.39	8.51	8.56

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Delineation Investigation

LOCATION	016 K013					
SAMPLE ID	016_K013_0.0_201	016_K013_5.0_201	016_K013_10.0_20	016_K013_15.5_20	016_K013_19.5_20	016_K013_24.0_20
SAMPLE DATE	20130114	20130114	20130114	20130114	20130114	20130114
TOP DEPTH	0	5	10	15.5	19.5	24
ABOVE/BELOW GW TABLE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
METALS (MG/KG)						
ANTIMONY	0.55 J	0.43 U	0.39 U	0.42 U	0.51 U	0.68 U
CHROMIUM	3240 J	341 J	403 J	71.9 J	26.5 J	10.9 J
NICKEL	273 J	6.6 J	15.2 J	10 J	21 J	11.1 J
THALLIUM	0.21 U	0.2 U	0.19 U	0.2 U	0.24 U	0.32 U
VANADIUM	391 J	8.1 J	22.8 J	11.6 J	28.3 J	15.2 J
MISCELLANEOUS PARAMETERS (MG/KG)						
HEXAVALENT CHROMIUM	0.59 U	0.6 U	1.6 J	0.61 U	0.77 U	0.95 U
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	392	455	411	415	416	346
MISCELLANEOUS PARAMETERS (S.U.)						
PH	10.2	9.1	9.52	8.97	8.41	7.55

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Delineation Investigation

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH ABOVE/BELOW GW TABLE	016 L013							
	016_L013_0.0_201 20130114 0 ABOVE	016_L013_5.0_201 20130114 5 ABOVE	016_L013_10.0_20 20130114 10 BELOW	016_L013_10.0_20 20130114 10 BELOW	016_L013_10.0_20 20130114 10 BELOW	016_L013_15.5_20 20130114 15.5 BELOW	016_L013_20.0_20 20130114 20 BELOW	016_L013_24.0_20 20130114 24 BELOW
METALS (MG/KG)								
ANTIMONY	0.42 U	0.39 U	0.41 U	0.415 U	0.42 U	0.41 U	0.53 U	0.61 U
CHROMIUM	21 J	67.8 J	51.4 J	48.55	45.7 J	9.8 J	23.2 J	9.8 J
NICKEL	12.4 J	8.3 J	8 J	8.05	8.1 J	10.7 J	17.3 J	8.7 J
THALLIUM	0.2 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	0.29 U
VANADIUM	13.4 J	9.7 J	8.5 J	8.45	8.4 J	11 J	22.7 J	14.7 J
MISCELLANEOUS PARAMETERS (MG/KG)								
HEXAVALENT CHROMIUM	0.57 U	1.2 J	0.58 U	0.57 U	0.56 U	0.56 U	0.74 U	0.82 U
MISCELLANEOUS PARAMETERS (MV)								
OXIDATION REDUCTION POTENTIAL	392	402	402	432.5	463	436	425	403
MISCELLANEOUS PARAMETERS (S.U.)								
PH	8.41	8.93	8.39	8.65	8.91	8.55	8.43	7.65

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Delineation Investigation

LOCATION SAMPLE ID SAMPLE DATE TOP DEPTH ABOVE/BELOW GW TABLE	016_G020		016_L020_0.0 20130115 0 ABOVE	016_L020_0.5 20130115 0.5 ABOVE	016_L020_1.0 20130115 1 ABOVE	016_L020		016_L020_15.0 20130115 15 BELOW	016_L020_19.0 20130115 19 BELOW
	016_G020_0.0 20130115 0 ABOVE	016_G020_5.0 20130115 5 ABOVE				016_L020_5.0 20130115 5 BELOW	016_L020_10.0 20130115 10 BELOW		
METALS (MG/KG)									
ANTIMONY	0.77	0.37 U	0.39 U	0.63	0.37 U	0.44 U	0.49 U	0.42 U	0.46 U
CHROMIUM	39	30.7	60.8	579	22.9	16.1	17.6	50	11.1
NICKEL	28.4	26.1	23.3	47.9	11.1	8.6	17.1	9.3	12.2
THALLIUM	0.18 U	0.48	0.18 U	0.19 U	0.18 U	0.21 U	0.23 U	0.2 U	0.22 U
VANADIUM	33.6	67.8	30.9	67.6	16.5	7.4	18.7	7.9	12.7
MISCELLANEOUS PARAMETERS (MG/KG)									
HEXAVALENT CHROMIUM	0.57 U	0.55 U	0.5 U	1.7 J	0.53 U	0.6 U	0.68 U	0.58 U	0.66 U
MISCELLANEOUS PARAMETERS (MV)									
OXIDATION REDUCTION POTENTIAL	449	449	398	436	443	481	334	453	362
MISCELLANEOUS PARAMETERS (S.U.)									
PH	9.04 HF	8.63 HF	9.33 HF	8.23 HF	8.54 HF	8.97 HF	7.85 HF	9.01 HF	8.02 HF

U = NON DETECT
J = ESTIMATED

Site 16
Soil Appendix Table
Delineation Investigation

LOCATION	016_J020	
	016_J020_0.0	016_J020_3.5
SAMPLE ID	20130115	20130115
SAMPLE DATE		
TOP DEPTH	0	3.5
ABOVE/BELOW GW TABLE	ABOVE	ABOVE
METALS (MG/KG)		
ANTIMONY	0.37 U	2.1
CHROMIUM	18.1	926
NICKEL	13.8	87.8
THALLIUM	0.17 U	0.18 U
VANADIUM	12.3	97
MISCELLANEOUS PARAMETERS (MG/KG)		
HEXAVALENT CHROMIUM	0.55 U	5.4
MISCELLANEOUS PARAMETERS (MV)		
OXIDATION REDUCTION POTENTIAL	406	426
MISCELLANEOUS PARAMETERS (S.U.)		
PH	8.86 HF	8.35 HF

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