

APPENDIX J GROUNDWATER DATA

APPENDIX J-1 INITIAL INVESTIGATION

Sites 063 and 065
Groundwater Appendix Table
Initial Investigation

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LOCATION	063_MW01		063_MW02	063_MW03		063_MW04
SAMPLE ID	063_MW01-20110804	063_MW01-20110916	063_MW02-20110916	063_MW03-20110804	063_MW03-20110916	063_MW04-20110916
SAMPLE DATE	20110804	20110916	20110916	20110804	20110916	20110916
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	GW	GW	GW	GW	GW	GW
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	NA	NA	NA	NA	NA
TOP DEPTH	6.57	6.65	10.5	10.58	10.5	9.91
BOTTOM DEPTH	6.57	6.65	10.5	10.58	10.5	9.91
METALS (UG/L)						
ANTIMONY	16.8 J	NA	4.6 U	4.6 U	NA	5.8 J
CHROMIUM	5160	NA	21.6	36	NA	3.2 U
NICKEL	318	NA	3.5 U	22.1 J	NA	7.1 J
THALLIUM	9.3 U	NA	4.6 U	4.6 U	NA	4.6 U
VANADIUM	1870	NA	5.1 J	2 U	NA	2 U
MISCELLANEOUS PARAMETERS (MV)						
OXIDATION REDUCTION POTENTIAL	331	NA	461	483	NA	430
MISCELLANEOUS PARAMETERS (S.U.)						
PH	10	NA	6.89	6.9	NA	7.11
MISCELLANEOUS PARAMETERS (UG/L)						
HEXAVALENT CHROMIUM	21.8 J	15.1 UJ	1.5 UJ	4.5 J	1.5 UJ	1.5 UJ

U = NON DETECT
J = ESTIMATED

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	063_MW05		063_MW06	063_MW07
LOCATION	063_MW05-20110804	063_MW05-20110916	063_MW06-20110916	063_MW07-20110916
SAMPLE ID	20110804	20110916	20110916	20110916
SAMPLE DATE	20110804	20110916	20110916	20110916
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	GW	GW	GW	GW
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	NA	NA	NA
TOP DEPTH	5.14	4.8	7.5	10.5
BOTTOM DEPTH	5.14	4.8	7.5	10.5
METALS (UG/L)				
ANTIMONY	4.9 J	NA	4.6 U	4.6 U
CHROMIUM	5.7 J	NA	1450	415
NICKEL	9 J	NA	132	10 J
THALLIUM	4.6 U	NA	4.6 U	4.6 U
VANADIUM	2 U	NA	488	96
MISCELLANEOUS PARAMETERS (MV)				
OXIDATION REDUCTION POTENTIAL	411	NA	96	367
MISCELLANEOUS PARAMETERS (S.U.)				
PH	6.94	NA	10.1	9.06
MISCELLANEOUS PARAMETERS (UG/L)				
HEXAVALENT CHROMIUM	1.5 UJ	1.5 UJ	13.2 J	1.5 UJ

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APPENDIX J-2 DELINEATION INVESTIGATION

Sites 063 and 065
Groundwater Appendix Table
Delineation Investigation

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LOCATION	063_MW01	063_MW02	063_MW03	063_MW04	063_MW05	063_MW06	063_MW07
SAMPLE ID	063_MW01_20130206	063_MW02_20130206	063_MW03_20130206	063_MW04_20130208	063_MW05_20130206	063_MW06_20130206	063_MW07_20130206
SAMPLE DATE	20130206	20130206	20130206	20130208	20130206	20130206	20130206
SAMPLE CODE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
MATRIX	GW	GW	GW	GW	GW	GW	GW
SAMPLE TYPE	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	NA	NA	NA	NA	NA	NA
TOP DEPTH	-9999	-9999	-9999	-9999	-9999	-9999	-9999
BOTTOM DEPTH	-9999	-9999	-9999	-9999	-9999	-9999	-9999
METALS (UG/L)							
ANTIMONY	21.9	1.9 U	1.9 U	2.2 J	1.9 U	4.2	1.9 U
CHROMIUM	1460	17.9	18.8	3.9 UJ	3.9 U	938	531
NICKEL	272	4.1 U	4.1 U	9.8 J	4.1 U	103	7.1
THALLIUM	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
VANADIUM	1620	8.4	7.5	3.8 J	3.8 U	457	57.7
MISCELLANEOUS PARAMETERS (UG/L)							
CORROSIVITY	11.2	6.93	7.43	7.74	7.16	10.5	9.31
HEXAVALENT CHROMIUM	270 J	6.2 J	19.7 J	3.2 UJ	18.7 J	24.9 J	10.4 J
OXIDATION REDUCTION POTENTIAL	66	191	243	437	111	-40	197
PH	11.2	6.93	7.43	7.74	7.16	10.5	9.31

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LOCATION	063_MW08	063_MW10	063_MW11
SAMPLE ID	063_MW08_20130208	063_MW10_20130208	063_MW11_20130208
SAMPLE DATE	20130208	20130208	20130208
SAMPLE CODE	NORMAL	NORMAL	NORMAL
MATRIX	GW	GW	GW
SAMPLE TYPE	NORMAL	NORMAL	NORMAL
SUBMATRIX	NA	NA	NA
TOP DEPTH	-9999	-9999	-9999
BOTTOM DEPTH	-9999	-9999	-9999
METALS (UG/L)			
ANTIMONY	1.9 U	2.9	283
CHROMIUM	7.1 J	98.6 J	51400 J
NICKEL	4.4 J	36.7 J	155 J
THALLIUM	0.79 U	0.79 U	0.79 U
VANADIUM	3.8 UJ	61 J	850 J
MISCELLANEOUS PARAMETERS (UG/L)			
CORROSIVITY	7.35	7.26	10.9
HEXAVALENT CHROMIUM	7.4 J	3.2 UJ	64 UJ
OXIDATION REDUCTION POTENTIAL	440	377	231
PH	7.35	7.26	10.9

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