

Table 1. Laboratory Results Summary
Pit Contents, Spoils Pile, and Background Samples
PCU 296-7A

Analytical Parameter (with units)	PIT SAMPLES			STOCKPILE SAMPLES				BACKGROUND SAMPLES						COGCC	Maximum Allowable Level (based on background)
	Fresh Water Pit - Sediment Contents (296-7 FWP)	Reserve Pit - Sediment Contents (296-7-RP)	Cuttings Pit - Sediment Contents (296-7-CP)	Stockpile comp. (296-7CS-1)	Stockpile comp. (296-7CS-2)	Stockpile comp. (296-7CS-3)	Stockpile grab (296-7 SP)	Surficial Bckgrnd. Soil @ Point 1 (296-7B1A)	Deep Bckgrnd. Soil @ Point 1 (296-7B1B)	Surficial Bckgrnd. Soil @ Point 2 (296- 7B2A)	Deep Bckgrnd. Soil @ Point 2 (296- 7B2B)	Surficial Bckgrnd. Soil @ Point 3 (296- 7B3A)	Deep Bckgrnd. Soil @ Point 3 (296- 7B3B)	Table 910-1 Allowable Levels	
TPH (TVH and TEPH) (mg/Kg)	92,203	172,000	946	202	141	ND	491	-	-	-	-	-	-	500	na
Benzene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.17	na
Toluene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	85	na
Ethylbenzene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	100	na
Xylenes (total) (mg/Kg)	0.0417	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	175	na
Acenaphthene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1,000	na
Anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1,000	na
Benzo(A)anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	na
Benzo(B)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	na
Benzo(K)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	2.2	na
Benzo(A)pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.022	na
Chrysene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	22	na
Dibenzo(A,H)anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.022	na
Fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1,000	na
Fluorene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1,000	na
Indo(1,2,3,C,D)pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	na
Naphthalene (mg/Kg)	174,000	ND	ND	0.212	ND	ND	0.571	-	-	-	-	-	-	23	na
Pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1,000	na
Electrical Conductivity (mmhos/cm)	5.360	2.300	7.180	7.990	6.010	1.070	2.970	0.281	0.626	0.495	1.440	0.230	0.503	<4or 2X background	na
Sodium Adsorption Ratio (SAR)	30.3	26.0	23.5	17.1	11.2	5.35	9.14	0.921	0.794	1.12	6.85	0.243	1.90	<12	na
pH	9.07	9.23	8.39	9.15	9.13	9.76	9.24	8.99	8.40	7.79	9.40	8.93	9.22	6-9	12.72
Arsenic (mg/Kg)	3.5	3.6	15.1	6.1	6.3	5.1	7.5	5.8	5.0	6.5	16.0	6.2	5.3	0.39	18
Barium (mg/Kg)	6,670	14,200	3,640	6,140	5,070	3,990	4820	-	-	-	-	-	-	15,000	na
Boron (mg/Kg)	28.3	24.2	11.6	9.5	8.6	5.3	5.2	-	-	-	-	-	-	2	na
Cadmium (mg/Kg)	<0.91	<1.2	<0.89	<0.87	<0.84	<0.87	<0.97	-	-	-	-	-	-	70	na
Chromium (III) (mg/Kg)	49.5	29.7	11.0	21.2	21.6	24.6	14.7	-	-	-	-	-	-	120,000	na
Chromium (VI) (mg/Kg)	<2.3	<2.1	<2.2	<2.1	<2.2	<2.2	<2.4	-	-	-	-	-	-	23	na
Copper (mg/Kg)	63.9	34.3	29.2	17.5	15.9	10.9	13.9	-	-	-	-	-	-	3,100	na
Lead (inorganic) (mg/Kg)	19.7	12.0	16.4	18.9	18.1	13.5	15.4	-	-	-	-	-	-	400	na
Mercury (mg/Kg)	71.6	1.8	<0.097	<0.11	<0.11	<0.11	<0.098	-	-	-	-	-	-	23	na
Nickel (mg/Kg)	16	12.5	12.5	13.5	13.8	13.8	10.5	-	-	-	-	-	-	1,600	na
Selenium (mg/Kg)	<4.5	<6.1	<4.4	<4.4	<4.2	<4.4	<4.8	-	-	-	-	-	-	390	na
Silver (mg/Kg)	<2.7	<3.7	<2.7	<2.6	<2.5	<2.6	<2.9	-	-	-	-	-	-	390	na
Zinc (mg/Kg)	148	43.7	52.4	39.9	41.6	39.5	36.3	-	-	-	-	-	-	23,000	na

- Notes:
- 1) "-" indicates no analysis.
 - 2) ND = not detectible to the laboratory detection limit.
 - 3) Results highlighted in yellow exceed Table 910-1 parameters. Results highlighted in grey exceed Table 910-1, but are below maximum allowable levels based on background statistical analyses.
 - 4) Refer to the Appendix B Sampling Exhibit for approximate sample locations.
 - 5) Refer to Appendix C for the complete laboratory results.
 - 6) na - not applicable (because no background data was collected, or statistical analysis determined that background levels were below Table 910-1 allowable levels).