TABLE 1
ANALYTICAL RESULTS SUMMARY: BORING AND TEST PIT SAMPLES
SEPTEMBER 18 - 24, 2002

SAMPLE	PB-1	PB-2	PB-3	PB-4	PB-5	PB-6	PB-7	PB-8(F)	PB-8(N)	PB-9	PB-10	PB-11	PB-12	PB-13	PB-14	PB-15	Standards
DATE	23-Sep	23-Sep	23-Sep	23-Sep	18-Sep	18-Sep	18-Sep	18-Sep	18-Sep	18-Sep	18-Sep	19-Sep	23-Sep	24-Sep	19-Sep	19-Sep	
SAMPLE DEPTH (FT.)	2-2.5	1.25-1.75	2-2.5	1.5-2	11.5-12	7.5-8	9.5-10	3-3.5	12-12.5	13-13.5	13.5-14	7.5-8	10-10.5	5.5-6	8-8.5	5-5.5	
DESCRIPTION	black gran. slag	lt. blue gran.residue	black gran.slag	mixed slag/muck	indur. blk. gran.slag	red & blk gran. Slag	indur. blk gran. slag	yellow residue	meadow mat	rusty blk. mass.slag	black mass.slag	red & blk gran. slag	stained mass.slag	gran. & mass. slag	red gran.slag	grey gran. residue	
PARAMETERS																	
METALS (mg/kg)																	
Antimony	341	521	1,580	439	127	37.4	390	1,070	111	235	44.1	161	251	218	301	4,900	14
Arsenic	809	5,800	2,210	751	250	75.5	831	6,900	510	592	329	703	432	477	161	5,810	20
Beryllium	1.4	0.36	2.2	0.79	15	3.7	0.93	0.18	0.93	1.3	1.4	1	2.3	1.1	5	ND	2
Cadmium	41	2.8	89.9	7.7	4.1	0.57	5.6	236	3.4	12.6	1.9	3.8	129	13.9	0.5	4.1	39
Chromium	31.8	91.2	72.1	104	762	2,300	41.6	71.1	31	228	83.8	1,120	194	66	991	64.3	240 [1]
Copper	2,270	1,880	3,230	2,030	13,500	5,700	1,740	58,100	281	8,660	1,590	18,800	5,040	2,090	25,300	245	600
Lead	13,000	23,900	21,300	14,500	4,060	306	9,440	1,200	862	9,680	759	4,810	14,700	17,500	4,620	18,200	400
Mercury	1.8	6.2	6.6	1.8	1.2	ND	0.11	0.63	0.06	0.02	0.08	0.11	0.32	0.24	0.03	45.3	14
Nickel	175	96.1	498	140	1,990	0.29	581	45,000	190	691	625	1,260	0.41	237	1,370	62.6	250
Selenium	100	144	262	130	9.5	ND	94.2	30.8	9.9	47.3	5	27.8	99.6	67.9	10.9	150	63
Silver	123	67.2	276	201	12.9	ND	12.1	32.7	3.2	20.9	1.3	8.1	22.1	15.4	25.8	112	110
Thallium	6.9	56.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	2
Zinc	15,700	7,520	24,300	15,700	11,900	1,630	17,800	5,030	2,530	18,300	2,060	9,830	19,600	26,000	11,300	2,050	1,500
SEMI-VOLATILES (mg/kg)																	
1,4-Dichlorobenzene	ND	ND	.210J	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	570
Naphthalene	.070J	ND	.120J	.026J	.024J	ND	ND	ND	ND	ND	ND	ND	ND	.008J	ND	ND	230
Acenaphthylene	.053J	ND	.058J	ND	.013J	ND	ND	ND	ND	ND	ND	ND	ND	.010J	ND	ND	10,000 [2]
Acenaphthene	ND	ND	.040J	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	3,400
Fluorene	ND	ND	.078J	ND	.014J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	.034J	ND	ND	.034J	ND	140
Phenanthrene	.280J	.045J	.630J	.094J	.014J	ND	ND	.075J	ND	.032J	ND	ND	ND	.083J	ND	.026J	10,000 [2]
Anthracene	.250J	ND	.140J	.015J	.045J	ND	ND	ND	ND	.009J	ND	ND	ND	.019J	ND	ND	10,000
Fluoranthene	.480J	.059J	0.91	.150J	.200J	ND	ND	.100J	ND	.055J	ND	ND	ND	.100J	ND	.022J	2,300
Pyrene	1J	.032J	0.94	.180J	.160J	ND	ND	.095J	ND	.060J	ND	ND	ND	.075J	ND	.015J	1,700
Benzo(a)anthracene	0.28	ND	0.36	.067J	0.099	ND	ND	0.055	ND	.026J	ND	ND	ND	0.043	ND	ND	0.9
Chrysene	.380J	ND	.620J	.170J	.110J	ND	ND	.042J	ND	.041J	ND	ND	ND	.060J	ND	ND	9
bis(2-Ethylhexyl)phthalate	ND	.1J	1.4	.460J	ND	.071J	ND	ND	.140J	.075J	ND	ND	ND	ND	ND	.160J	49
Benzo(b)fluoranthene	0.26	ND	ND	.170J	0.098	ND	ND	0.07	ND	ND	ND	ND	ND	0.059	ND	ND	0.9
Benzo(k)fluoranthene	.085J	ND	ND	.048J	0.053	ND	ND	ND	ND	ND	ND	ND	ND	.023J	ND	ND	0.9
Benzo(a)pyrene	.160J	ND	0.27	.058J	0.075	ND	ND	.053J	ND	.022J	ND	ND	ND	.032J	ND	ND	0.66
Indeno(1,2,3-cd)pyrene	.110J	ND	0.2	.067J	0.048	ND	ND	.034J	ND	.025J	ND	ND	ND	.026J	ND	ND	0.9
Dibenz(a,h)anthracene	ND	ND	.072J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66
Benzo(g,h,I)perylene	.160J	.004J	.220J	.070J	.047J	ND	ND	ND	ND	.023J	ND	ND	ND	.027J	ND	ND	10,000 [2]
Semi-Volatile T.I.Cs.	30.9(15)	30.4(15)	33.2(15)	23.8(15)	ND	ND	ND	5.96(8)	78(15)	1.4(2)	1.23(3)	3.04(4)	ND	ND	4.08(4)	72.7(15)	10,000 [2]
PCBs (mg/kg)																	
Arochlor 1248	ND	ND	0.34	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	.49 [3]
Arochlor 1254	0.14	ND	0.74	0.95	ND	ND	ND	4.2	ND	ND	ND	ND	ND	2.1	ND	2.2	
GENERAL CHEMISTRY																	
Alkalinity (mg/kg)	1,490	49.8	1,990	NA	NA	NA	NA	NA	NA	1,280	1,410	NA	697	NA	622	ND	NE
pH	7.5	5.11	7.2	NA	NA	NA	NA	NA	NA	8.19	8.17	NA	7.6	NA	8.62	3.63	NE
Nitrate (mg/kg)	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA	ND	ND	NE
Nitrite (mg/kg)	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA	ND	ND	NE
Reactive Cyanide (mg/kg)	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA	ND	ND	NE
Reactive Sulfide (mg/kg)	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA	ND	ND	NE
TPHC (mg/kg)	4,450	111	2,010	772	42.2	ND	ND	471	58.4	174	ND	ND	ND	27.8	ND	190	10,000 [2]

TABLE 1 (Continued)
ANALYTICAL RESULTS SUMMARY: BORING AND TEST PIT SAMPLES
SEPTEMBER 18 - 24, 2002

SAMPLE	PB-16	PB-17(F)	PB-17(N)	PB-18	PB-19	PB-20	PB-21	PB-22	PB-23(F)	PB-24	PB-25(F)	PB-26(F)	PB-27	PB-28	Standards
DATE	19-Sep	19-Sep	19-Sep	23-Sep	23-Sep	24-Sep	24-Sep	23-Sep	23-Sep	24-Sep	23-Sep	23-Sep	24-Sep	24-Sep	
SAMPLE DEPTH (FT.)	0.5-1	9.5-10	15.5-16	10-10.5	13.5-14	14-14.5	11.5-12	7-7.5	3.25-3.75	6-6.5	3.5-4	5.5-6	5.5-6	7.5-8	
DESCRIPTION	yellow residue	blk mass. slag	organic clay	stained mass.slag	black mass.slag	dark grey clay	sandy clay	cinder & slag fill	blk & red gran.slag	organic clay	blk & red gran.slag	blk & red gran.slag	organic clay	lt. grey clay	
PARAMETERS															
METALS (mg/kg)															
Antimony	**3,940**	**294**	2.2	**811**	**417**	ND	ND	**969**	**960**	**36.7**	**93**	**107**	**51.1**	ND	14
Arsenic	**16,300**	**343**	**21.2**	**578**	**696**	**40.6**	**20.5**	**1,840**	**1,730**	**432**	**86.3**	**130**	**512**	5	20
Beryllium	ND	0.53	0.82	0.69	1.1	0.43	0.44	1	1.6	0.86	**10.9**	**2**	1.1	0.19	2
Cadmium	**648**	5.6	ND	4.6	10.9	ND	ND	21.3	6.7	ND	12.3	ND	4.4	ND	39
Chromium	92.9	ND	29.5	16.6	22.7	15.7	16.9	108	169	219	**770**	**997**	203	14.4	240 [1]
Copper	**21,200**	**1,010**	23.1	**1,410**	**2,590**	14.3	21.3	**6,260**	**756**	555	**16,400**	**17,800**	**1,350**	12	600
Lead	**967**	**7,010**	199	**8,190**	**13,800**	12.3	14.5	**3,840**	**19,700**	**956**	**6,750**	**2,560**	**663**	9.7	400
Mercury	0.53	0.11	ND	0.15	0.07	0.09	0.12	0.36	0.04	15	0.16	ND	11	0.02	14
Nickel	**62,000**	179	29.5	132	212	14.5	13	**480**	142	34.6	**1,710**	**1,350**	106	75.1	250
Selenium	47.8	26.6	ND	**105**	**250**	1.4	1.4	**2,640**	**107**	28.9	16.2	13.1	37.7	ND	63
Silver	17.7	10.4	ND	15.9	27.9	ND	ND	798	9.4	13.9	4.7	4.2	59.3	ND	110
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
Zinc	**3,050**	**20,300**	136	**15,300**	**26,000**	44.7	46.8	**14,600**	**28,500**	182	**23,000**	**16,500**	**1,610**	39.8	1,500
SEMI-VOLATILES (mg/kg)															
Naphthalene	ND	ND	ND	.007J	.024J	ND	.014J	ND	ND	.033J	ND	ND	.069J	ND	230
Acenaphthylene	ND	ND	ND	ND	ND	ND	.010J	ND	ND	.029J	ND	.016J	.068J	ND	10,000 [2]
Acenaphthene	ND	ND	ND	ND	.008J	ND	ND	ND	ND	ND	ND	ND	.062J	ND	3,400
Fluorene	ND	ND	ND	ND	ND	ND	.009J	ND	ND	ND	ND	ND	.076J	ND	2,300
N-Nitrosodiphenylamine	.038J	ND	.051J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
Hexachlorobenzene	ND	ND	ND	.019J	.022J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66
Phenanthrene	.030J	ND	ND	.026J	.035J	.027J	.027J	ND	ND	.035J	.020J	ND	.180J	ND	10,000 [2]
Anthracene	ND	ND	ND	ND	.010J	.009J	.022J	ND	ND	.024J	ND	ND	.097J	ND	10,000
Fluoranthene	.059J	ND	ND	.031J	.026J	.029J	.064J	ND	ND	.076J	.025J	ND	.370J	ND	2,300
Pyrene	.061J	ND	ND	.023J	.030J	.048J	.089J	ND	ND	.068J	.022J	ND	.350J	ND	1,700
Benzo(a)anthracene	.055J	ND	ND	.019J	.017J	.030J	0.048	ND	ND	.044J	.021J	ND	0.15	ND	0.9
Chrysene	.044J	ND	ND	.022J	.016J	.022J	.040J	ND	ND	.073J	.017J	ND	.220J	ND	9
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49
Benzo(b)fluoranthene	0.072	ND	ND	.024J	.020J	.018J	0.047	ND	ND	0.072	.016J	ND	0.17	ND	0.9
Benzo(k)fluoranthene	.030J	ND	ND	.010J	.008J	ND	.024J	ND	ND	.026J	.007J	ND	.070J	ND	0.9
Benzo(a)pyrene	.038J	ND	ND	.014J	.013J	.021J	.044J	ND	ND	.033J	.010J	ND	0.13	ND	0.66
Indeno(1,2,3-cd)pyrene	.026J	ND	ND	.013J	.012J	.008J	.024J	ND	ND	.032J	.009J	ND	0.08	ND	0.9
Benzo(g,h,i)perylene	.027J	ND	ND	.020J	.015J	.009J	.026J	ND	ND	.034J	.010J	ND	.090J	ND	10,000 [2]
Semi-Volatile T.I.Cs.	6.01(6)	ND	40(15)	ND	3.16 (3)	1.5(1)	2.2(3)	.420(1)	ND	2.7(4)	ND	.4(1)	18.9(15)	.660(1)	10,000 [2]
PCBs (mg/kg)															0.49 [3]
Arochlor 1254	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
GENERAL CHEMISTRY															
Alkalinity (mg/kg)	4,380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
pH	6.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
Nitrate (mg/kg)	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
Nitrite (mg/kg)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
Reactive Cyanide (mg/kg)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
Reactive Sulfide (mg/kg)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NE
TPHC (mg/kg)	ND	ND	ND	ND	33.4	25.3	ND	ND	ND	365	ND	ND	432	ND	10,000 [2]