Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

No. of Samples	209	222	222	222	222	222	222	222	222	222
Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
No. detected	209	121	29	198	4	210	199	164	190	14
Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
No. Exceeding	13	4	2	29	0	43	1	38	5	

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2001	0.1	MGT1A	CDA		AST Acid	7.1	<0.25	<0.05	0.38	<0.1	2.8	4.5	74	1.1	<1
BH2002	0.1	MGT2A	CDA	blaes	CDA GW	6.8	3.5	<0.05	22	<0.1	18	6.7	3.6	0.87	<1
BH2003	0.1	MGT1A	CDA	brick	CDA GW	6.1	1.3	<0.05	9.4	<0.1	5	1.6	13	2.0	<1
BH2041	0.1	MGT1A	ROS	brick	AST Acid	7.5	<0.25	<0.05	2.8	<0.1	15	1.4	2.9	0.72	<1
BH2061	0.1	KF	ROS	looks reworked	Delineation Boghall	6.2	<0.25	<0.05	1.0	<0.1	7.5	1.7	63	0.25	<1
BH2063	0.3	WTF	ROS	reworked ?	ROS GW	7.2	<0.25	<0.05	<0.05	<0.1	0.48	2.5	3.6	<0.05	<1
BH2091	0.3	MGT2B	CDA	ash	AST fuel oil	6.3	<0.25	<0.05	0.37	<0.1	0.4	2.6	35	<0.05	<1
BH2092	0.5	MGT2A	CDA	blaes	AST Acid	6.6	<0.25	<0.05	3.0	<0.1	5.2	3.1	84	0.95	<1
BH2093	0.1	TPSL	CDA		CDA GW	6.1	1.9	<0.05	11	<0.1	15	11	89	2.3	<1
BH2198	0.3	MGT1B	CDA	brick	Intermediate hydro	6.6	<0.25	<0.05	<0.05	<0.1	2.4	<0.1	<0.5	<0.05	<1
BH2221	0.45	MGT2A	ROS	blaes	ROS GW	6.6	23	<0.05	1.5	<0.1	3.3	0.73	<0.5	1.6	<1
BH2222	0.7	MGT2B	ROS		Ash	10.2	6.7	<0.05	<0.05	<0.1	3.5	2.3	<0.5	0.94	6.4
BH2223	0.1	WTF	ROS	ash	ROS GW	5.8	<0.25	<0.05	0.57	<0.1	3.6	1.3	2.7	0.68	<1
BH2224	0.3	MGT1A	ROS	brick	Ash	7.8	<0.25	<0.05	<0.05	<0.1	3.4	0.93	<0.5	0.91	<1
BH2225	0.1	MGT2A	ROS	blaes	Intermediate hydro	6.0	33	<0.05	1.5	<0.1	5.5	1.01	<0.5	0.68	<1
BH2226	0.1	MGT2B	ROS	ash	ROS GW	7.4	8.2	<0.05	2.8	0.38	11	1.4	4.3	0.51	<1
BH2259	0.1	MGT1A	CDA		CDA GW	6.4	1.4	<0.05	4.1	<0.1	11	9.0	7	1.4	<1
BH2260	0.3	MGT2A	CDA	blaes	CDA GW	6.7	1.7	<0.05	5.0	<0.1	7.7	3.1	15	4.2	<1
BH2261	0.5	MGT2A	CDA	blaes	CDA shallow compliance	6.9	1.9	<0.05	0.42	<0.1	1.2	<0.1	<0.5	0.34	<1
BH2264	1	WTF	CDA		Intermediate hydro	6.6	<0.25	<0.05	0.58	<0.1	1.4	1.5	<0.5	0.40	<1
BH2265	0.3	MGT2A	CDA	blaes	AST Acid	6.5	<0.25	<0.05	0.57	<0.1	1.4	0.87	<0.5	0.98	<1
BH2266	1.5	LPF	CDA		CDA GW	7.5	<0.25	<0.05	0.70	<0.1	2.0	2.2	3.2	2.5	<1
BH2268	1	MGT2A	CDA	blaes	CDA GW	6.9	1.5	<0.05	75	<0.1	3.6	1.4	7.2	1.30	<1
BH2269	0.3	MGT1A	CDA		HC contamination	7.8	<0.25	<0.05	2.3	<0.1	2.7	1.5	3.5	1.9	<1
BH2348	0.3	MGT2A	ROS	blaes	ROS GW	6.4	<0.25	<0.05	4.8	<0.1	5.7	1.6	4.5	1.7	<1
BH2349	0.5	MGT2A	ROS	blaes	ROS GW	6.4	<0.25	<0.05	1.3	<0.1	6.2	2.7	2.9	1.3	<1
BH2350	0.3	MGT1A	RL	RWN	ETF shallow compliance	9.2	4.6	<0.05	0.54	<0.1	6.9	0.79	<0.5	0.96	<1
BH2351	0.3	MGT2A	ROS	clinker	ROS GW	6.4	<0.25	<0.05	1.4	<0.1	1.4	1.4	<0.5	1.4	<1
BH2353	0.1	LPF	ROS	reworked	Intermediate hydro	6.0	<0.25	<0.05	0.72	<0.1	2.0	1.5	31	0.75	<1
BH2354	0.3	MGT1A	ROS	wood fragment	ROS GW	6.1	<0.25	<0.05	1.1	<0.1	2.8	2.2	6.0	3.8	<1
BH2355	0.3	CPF	RL		ETF shallow compliance	5.7	1.0	<0.05	5.4	<0.1	12	5.0	7.6	1.2	<1
BH2379	0.1	TPSL	CDA		CDA shallow compliance	7.0	<0.25	<0.05	11	<0.1	9.2	5.3	22	5.2	<1
BH2380	0.1	MGT1A	ROS		Deep GW	6.6	0.52	<0.05	0.60	<0.1	2.6	1.4	<0.5	2.0	<1
BH2412	0.1	MGT2A	CDA	blaes	AST Acid	8.3	<0.25	<0.05	0.50	<0.1	2.5	1.2	<0.5	<0.05	<1
BH2413	0.5	MGT2B	CDA	blaes	CDA shallow compliance	6.2	<0.25	<0.05	6.7	<0.1	10	3.6	17	0.66	<1

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Detection limit above assessment criteria
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Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
					No. of Samples	209	222	222	222	222	222	222	222	222	222
					Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
					Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
					Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
					No. detected	209	121	29	198	4	210	199	164	190	14
					Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
					Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
					No. Exceeding	13	4	2	29	0	43	1	38	5	
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2414	0.5	MGT1A	ROS	RWN	AST Acid	6.2	<0.25	<0.05	1.5	<0.1	2.2	1.6	6.2	0.65	<1
BH2415	0.3	MGT2B	CDA	ash	AST Acid	7.8	<0.25	<0.05	<0.05	<0.1	14	<0.1	<0.5	0.39	<1
BH2416	0.1	TPSL	CDA		Deep GW	6.1	<0.25	<0.05	0.40	<0.1	2.4	0.95	<0.5	0.47	<1
BH2477	0.5	MGT1A	ROS	concrete	Big Steamie	8.1	<0.25	<0.05	0.32	<0.1	3.2	4.4	<0.5	1.6	<1
BH2529	0.5	MGT1A	ROS	brick	ROS GW	6.1	<0.25	<0.05	2.4	<0.1	6.5	1.5	4.5	1.2	<1
BH2530	0.1	TPSL	ROS		ROS GW	6.1	<0.25	<0.05	3.5	<0.1	7.0	4.0	32	1.5	<1
BH2531	1	MGT2B	ROS	ash	Ash	6.0	<0.25	0.27	0.39	<0.1	0.91	5.3	44	<0.05	<1
BH2532	0.3	MGT1A	ROS	brick	Ash	7.6	<0.25	<0.05	<0.05	<0.1	<0.05	<0.1	<0.5	1.9	<1
BH2533	1	MGT2B	ROS	ash	Ash	6.8	<0.25	<0.05	1.1	<0.1	2.4	1.4	3.5	0.72	<1
BH2534	0.5	MGT2B	ROS	ash	ROS GW	6.9	<0.25	<0.05	2.9	<0.1	1.7	4.5	23	2.1	<1
BH2537	0.3	MGT2A	ROS	ash	Deep GW	6.6	<0.25	<0.05	6.0	<0.1	4.4	2.2	10	1.4	<1
BH2583	1	MGT2A	CDA	blaes	CDA shallow compliance	6.6	<0.25	<0.05	3.7	<0.1	2.5	1.5	4.5	0.99	<1
BH2584	0.1	WTF	CDA		CDA GW	7.5	<0.25	<0.05	0.69	<0.1	1.5	0.95	<0.5	1.1	<1
BH2585	0.3	MGT1A	CDA		CDA GW	7.5	<0.25	<0.05	<0.05	<0.1	0.3	<0.1	<0.5	<0.05	<1
BH2586	0.3	MGT2B	CDA	ash	Stores yard	6.3	<0.25	<0.05	1.2	<0.1	2.9	12	36	2.25	<1
BH2587	1.5	MGT2A	CDA	clinker	CDA GW	6.1	<0.25	<0.05	0.90	<0.1	1.2	5.6	79	0.38	<1
BH2588	0.5	MGT1A	CDA		HC contamination	7.9	<0.25	<0.05	0.42	<0.1	1.2	0.73	<0.5	0.77	<1
BH2635	0.3	TPSL	ROS		CDA shallow compliance	5.1	<0.25	<0.05	1.4	<0.1	5.1	7.1	27	0.87	<1
BH2643	0.1	CPF	ROS		ROS shallow compliance	6.6	<0.25	<0.05	0.59	<0.1	0.99	1.7	6.9	0.66	<1
BH2644	1.5	MGT2A	CDA	ash	CDA shallow compliance	7.2	2.0	<0.05	1.3	<0.1	12	2.3	6.6	0.39	<1
BH2648	1	MGT2A	RL	ash	Picrite	6.7	<0.25	<0.05	0.52	<0.1	1.3	1.5	<0.5	2.6	<1
BH2652	0.1	MGT2B	RL	ash	Picrite Deep GW	6.7	1.8	<0.05	0.56	<0.1	3.4	1.1	<0.5	0.61	<1
BH2652	1.2	MGT2B	RL	ash	Picrite Deep GW	6.6	<0.25	<0.05	<0.05	<0.1	0.76	3.0	12	0.46	<1
BH2653	1	MGT2B	ROS	ash	Picrite Deep GW	5.7	<0.25	<0.05	1.5	<0.1	5.0	2.6	16	0.87	<1
BH2662	0.3	MGT2A	CDA	blaes	CDA shallow compliance	6.8	<0.25	<0.05	1.6	<0.1	4.6	1.2	<0.5	0.53	<1
BH2663	0.3	TPSL	CDA		CDA shallow compliance	6.3	<0.25	<0.05	1.2	<0.1	1.3	<0.1	3.3	0.95	<1
BH2667	0.1	MGT2B	ROS	ash	ROS GW	6.2	<0.25	<0.05	0.37	<0.1	1.6	<0.1	<0.5	0.74	<1
BH2668	0.3	MGT2B	ROS	ash	Sulphur Dump	2.9	20	<0.05	15	<0.1	1.9	2.4	<0.5	1.7	16
BH2669	1	MGT2A	ROS	clinker	Sulphur Dump	7.0	94	<0.05	8.6	<0.1	0.37	0.73	<0.5	<0.5	<1
BH2670	0.5	MGT2A	ROS	ash	ETF shallow compliance	6.5	102	<0.05	0.83	<0.1	0.45	1.8	<0.5	<0.5	<1
BH2671	0.5	MGT2B	ROS	ash	ETF shallow compliance	8.7	77	<0.05	1.8	<0.1	3.4	6.4	17	3.4	<1
BH2672	0.3	MGT2A	RL	ash	ETF GW	6.6	40	<0.05	2.6	<0.1	4.2	<0.1	<0.5	1.7	<1
BH2673	0.1	MGT2A	RL	ash	ETF GW	6.6	31	2.7	16	<0.1	38	<0.1	<0.5	17	41
BH2674	0.1	MGT2B	RL	blaes	ETF shallow compliance	7.1	41	<0.05	0.63	<0.1	0.87	<0.1	<0.5	<0.5	<1
BH2675	0.3	MGT2B	RL	ash	ETF GW	7.6	12	<0.05	2.0	<0.1	5.7	5.5	<0.5	1137	<1

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Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
					No. of Samples	209	222	222	222	222	222	222	222	222	222
					Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
					Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
					Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
					No. detected	209	121	29	198	4	210	199	164	190	14
					Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
					Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
					No. Exceeding	13	4	2	29	0	43	1	38	5	
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2676	0.3	MGT2B	RL	ash	Ash	7.2	22	<0.05	0.95	<0.1	6.2	2.5	5.7	1.7	<1
BH2677	0.5	MGT2A	RL	clinker	Ash	6.8	16	<0.05	3.06	<0.1	1.9	0.68	22	1.5	<1
BH2678	0.3	MGT2B	RL	PFA	Ash	6.4	<0.25	<0.05	<0.05	<0.1	0.84	1.5	9.3	<0.05	<1
BH2679	1.5	MGT2A	RL	ash	Picrite Refuse Coup	6.8	1.6	<0.05	0.87	<0.1	2.1	3.1	4.1	1.5	<1
BH2679	1.5	MGT2A	RL	ash	Picrite Refuse Coup	6.7	2.8	<0.05	3.8	<0.1	2.3	2.3	32	0.50	<1
BH2680	1	MGT2B	RL	ash	Intermediate hydro	6.4	<0.25	<0.05	6.8	<0.1	3.4	2.3	27	0.62	<1
BH2681	0.3	MGT2B	ROS	ash	Deep GW	6.5	1.2	<0.05	18	<0.1	7.0	7.3	20	1.2	<1
BH2682	0.1	MGT2B	RL	PFA	Deep GW	6.4	1.8	<0.05	2.8	<0.1	6.5	4.3	8.2	2.3	<1
BH2683	1	MGT2C	ROS	PFA	Deep GW	7.4	3.7	<0.25	1.3	<0.1	1.1	1.3	15	2.8	<1
BH2725	0.3	KF	CDA		CDA shallow compliance	6.4	1.3	<0.05	1.6	<0.1	8.4	1.6	14	4.2	<1
BH3084	1.5	MGT2A	RL	PFA	ETF Shallow Compliance	7.2	<0.25	<0.05	0.88	<0.1	2.2	1.2	<0.5	0.72	<1
BH3085	0.5	MGT1A	RL	blaes	Picrite	7.5	<0.25	<0.05	0.80	<0.1	7.5	1.0	3.3	0.49	<1
HA2070	0.3-0.4	MGT1B	ROS	Clinker	Veg tip Delineation	6.4	1.4	<0.05	5.0	<0.1	22	15	7.2	2.0	<1
HA2071	0.5-0.7	MGT1B	ROS	Within void in old tip	Veg tip Delineation	6.7	2.2	<0.05	2.6	<0.1	4.1	3.7	3.9	1.2	<1
HA2072	0.3-0.4	MGT2A	ROS	Reworked with brick and concrete	Veg tip Delineation	7.2	0.82	<0.05	2.9	<0.1	7.1	1.7	<0.5	1.1	<1
HA2073	0.1-0.3	MGT2A	ROS	Reworked with brick and clinker	Veg tip Delineation	7.1	1.2	<0.05	0.59	<0.1	9.3	3.3	<0.5	0.36	<1
HA2074	0.2-0.4	MGT1B	ROS		Veg tip Delineation	6.6	1.4	0.05	0.95	<0.1	11	4.2	<0.5	1.7	<1
HA2312	0.1-0.2	MGT2A	CDA	Pockets of ash	Lead Salts	7.2	1.2	<0.05	8.0	<0.1	16	7.5	113	5.6	<1
HA2314	0.1-0.2	MGT1B	CDA	Brick	Lead Salts	7.5	1.4	<0.05	1.3	<0.1	4.6	4.3	27	4.7	<1
HA2489	0.4-0.6	WTF	ROS		Possible tip ammo breakdown	7.2	<0.25	<0.25	1.8	<0.1	4.5	2.1	193	2.0	<1
HA2637	0.1-0.2	MGT2A	ROS	Clinker	Proof Range	7.5	1.6	<0.25	252	<0.1	16	5.5	98	1.9	<1
HA2638	0.35-0.65	LPF	ROS		Proof Range	7.2	1.9	<0.25	9.1	<0.1	12	4.3	228	1.8	<1
HA2639	0.4-0.7	LPF	ROS		Proof Range	7.2	<0.25	<0.25	9.9	<0.1	8.6	3.3	148	2.1	<1
HA2642	0.1-0.2	LPF	ROS		Proof Range	7.1	1.3	<0.25	17.8	<0.1	14	5.0	169	2.1	<1
TP2017	0.1	MGT2A	CDA	brick	Lead Salts	6.3	<0.25	<0.05	0.95	<0.1	5.8	0.80	<0.5	0.48	<1
TP2054	0.3	MGT1A	ROS		Narrow guage	6.6	17	<0.05	1.2	<0.1	3.2	<0.1	<0.5	0.60	<1
TP2075	0.3	MGT2A	ROS	ash	Boghall Delineation	7.1	6.4	<0.05	4.6	<0.1	32	1.6	19	0.71	<1
TP2078	0.3	MGT1A	ROS	brick	Uncontrolled Waste Tips	5.7	<0.25	<0.05	3.0	<0.1	220	1.8	138	1.3	<1
TP2079	0.1	MGT2A	ROS	ash	Uncontrolled Waste Tips	6.5	<0.25	<0.05	0.95	<0.1	2.8	1.5	7.1	0.28	<1
TP2079A	0.1	TPSL	ROS		Uncontrolled Waste Tips	5.9	<0.25	<0.05	12.2	<0.1	27	4.9	487	1.7	<1
TP2080	0.1	MGT2A	ROS	ash	Uncontrolled Waste Tips	7.6	1.68	<0.05	7.6	<0.1	2.2	1.4	13	0.77	<1
TP2081	0.3	MGT1A	ROS	concrete	Uncontrolled Waste Tips	7.8	12.51	<0.05	3.3	<0.1	3.9	2.4	15	0.63	<1
TP2090	0.3	MGT2A	ROS	ash	Burning Ground delineation	6.6	4.28	0.37	35	<0.1	66	4.9	756	2.5	<1
TP2118	0.1	TPSL	CDA		Possible Asbestos	7.1	3.1	0.07	9.5	<0.1	18	6.0	9.1	2.7	<1

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Detected above Reporting Limit
(no assessment criteria)

	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
No. of Samples	209	222	222	222	222	222	222	222	222	222
Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
No. detected	209	121	29	198	4	210	199	164	190	14
Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
No. Exceeding	13	4	2	29	0	43	1	38	5	

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2130	0.3	MGT2B	CDA		Lead Salts	7.4	0.76	0.05	1.5	<0.1	4.1	4.7	51	0.79	1.1
TP2132	0.7	MGT2A	CDA	blaes	Lead Salts	7.2	1.3	<0.05	1.8	<0.1	2.7	2.1	3.9	0.47	1.1
TP2133	1	KF	CDA		Lead Salts	7.6	0.52	<0.05	0.09	<0.1	1.3	0.37	0.65	0.45	<1
TP2161	0.35	MGT1A	CDA		Apprent Hall	7.9	0.38	<0.05	0.14	<0.1	2.7	0.72	<0.5	0.68	<1
TP2166	0.1	MGT2A	CDA	blaes	Road	7.2	1.1	<0.05	0.53	<0.1	2.0	0.51	9.1	0.60	<1
TP2168	0.4	MGT1A	CDA		Broad guage	7.1	1.0	0.06	<0.05	<0.1	0.94	10	87	0.35	<1
TP2183	0.1	MGT1A	CDA		Burning Ground delineation	7.5	0.98	<0.05	16	<0.1	9.0	2.1	33	1.2	<1
TP2184	0.1	MGT1A	CDA		Burning Ground delineation	7.3	1.2	<0.05	7.5	<0.1	6.2	2.0	31	0.71	<1
TP2185	0.6	MGT2B	CDA	clinker	Burning Ground delineation	7.8	1.0	<0.05	26	<0.1	21	2.7	42	2.2	<1
TP2186	0.4	MGT2A	CDA		Apprent Hall	7.6	1.1	<0.05	<0.05	<0.1	4.5	0.93	7.8	0.51	0.11
TP2204	0.1	MGT2A	CDA	ash	White Phos Section	6.9	1.4	0.99	17	<0.1	6.1	4.2	16	0.61	<1
TP2205	0.45	MGT2B	CDA	ash/clinker	White Phos Section	7.6	3.5	<0.05	0.45	<0.1	1.4	1.5	6.3	2.1	<1
TP2206	0.1	MGT2B	CDA	Ash	White Phos Section	6.7	1.5	0.44	21	<0.1	32	9.3	826	2.5	<1
TP2207	0.4	MGT1B	CDA	chemical odour	White Phos Section	9.9	3.6	<0.05	<0.05	<0.1	15	6.0	9.8	2.6	<1
TP2208	0.3	MGT2A	CDA	possible asbestos tile	White Phos Section	8.9	<0.25	<0.05	5.8	<0.1	5.5	3.2	19	1.1	<1
TP2209	0.45	MGT1A	CDA	charcoal	White Phos Section	8.4	<0.25	<0.05	1.8	<0.1	6.9	2.0	32	8.8	<1
TP2218	0.4	MGT1A	CDA	brick	Road	6.8	<0.25	<0.05	2.4	<0.1	8.6	5.3	65	0.98	<1
TP2283	0.2	MGT2A	CDA	ash	Misc open storage	6.3	<0.25	<0.05	2.9	<0.1	23	19	41	0.92	<1
TP2316	0.2	MGT2B	CDA	clinker	Road	6.6	<0.25	<0.05	0.35	<0.1	1.8	<0.1	<0.5	<0.05	<1
TP2328	0.35	MGT2A	CDA	blaes	Mineral workings	6.7	2.5	<0.05	0.86	<0.1	10	4.1	<0.5	0.50	<1
TP2330	0.9	MGT2B	CDA	ash	Misc oil & solvent drums	6.3	0.88	0.61	2.1	<0.1	55	9.2	<0.5	1.7	<1
TP2332	0.5	MGT2B	CDA	ash. Clinker	Narrow guage	9.3	7.6	<0.05	<0.05	<0.1	1.1	0.5	1.8	4.8	1.9
TP2339	0.1	MGT1B	CDA	ceramics	Possible Asbestos Tip	5.4	<0.25	<0.05	5.1	<0.1	11	6.1	39	0.49	<1
TP2343	0.4	MGT2A	CDA	blaes	Possible Asbestos Tip	6.7	<0.25	<0.05	<0.05	<0.1	2.8	0.58	<0.5	2.8	<0.1
TP2366	0.3	MGT2B	ROS	Brick / bitumen fragments	Road	6.9	27	<0.05	0.26	<0.1	0.35	0.66	<0.5	<0.5	<1
TP2367	0.1	MGT3	ROS	Surfacing	Broad guage	6.7	51	<0.05	0.49	<0.1	2.0	2.6	<0.5	<0.5	<1
TP2377	0.6	MGT1B	ROS	Lump of Fibrous asbestos in sample	Possible Asbestos Tip	7.7	33	0.60	1.3	<0.1	6.6	1.7	<0.5	0.95	<1
TP2398	0.5	MGT2A	ROS	Blaes	Narrow guage	7.3	1.4	<0.05	1.6	<0.1	3.0	0.83	0.54	1.0	6.1
TP2401	0.5	MGT2A	ROS		Misc oil & solvent drums	6.1	1.1	<0.05	2.6	<0.1	25	7.1	<0.5	1.6	<1
TP2426	1	MGT1A	CDA	pipe at 1m	AST acid	8.3	<0.25	<0.25	2.2	<0.1	2.0	1.5	20	0.32	<1
TP2465	0.1	MGT2B	CDA	ash/clinker	Boiler House 2	7.2	23	<0.05	0.54	<0.1	1.4	<0.1	<0.5	<0.05	16
TP2480	0.2	MGT2B	ROS	ash / asbestos	Disturbed ground	7.1	<0.25	<0.05	0.29	<0.1	2.6	1.5	9.7	<0.05	<1
TP2481	0.2	TPSL	ROS		Possible tip ammo breakdown	6.7	2.3	<0.05	8.6	<0.1	6.4	1.3	9.5	1.7	<1
TP2482	0.5	KF	ROS		Possible tip ammo breakdown	6.1	<0.25	<0.05	1.3	<0.1	4.9	1.4	25	1.3	<1
TP2487	0.5	WTF	ROS		Possible tip ammo breakdown	6.3	<0.25	<0.05	2.4	<0.1	7.0	2.7	7.7	1.4	<1

Table 1
Leachability

- Detection limit above assessment criteria
- Exceeds Assessment Criteria
- Detected above Reporting Limit (no assessment criteria)

	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
No. of Samples	209	222	222	222	222	222	222	222	222	222
Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
No. detected	209	121	29	198	4	210	199	164	190	14
Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
No. Exceeding	13	4	2	29	0	43	1	38	5	

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2488	0.2	TPSL	ROS		Possible tip ammo breakdown	7.0	<0.25	<0.05	<0.05	<0.1	<0.05	<0.1	<0.5	0.33	<1
TP2490	0.5	WTF	ROS		Possible tip ammo breakdown	8.8	<0.25	<0.05	<0.05	<0.1	1.6	<0.1	<0.5	<0.05	<1
TP2491	0.2	HSTD	ROS	Bonded asbestos	Possible tip ammo breakdown	7.3	1.3	<0.05	1.6	0.16	2.0	1.1	2.6	0.25	<1
TP2515	0.2	MGT1B	ROS	ammunition packing boxes	Possible tip ammo breakdown	7.2	<0.25	<0.05	2.4	<0.1	3.3	2.2	5	12	<1
TP2519	0.2	MGT1A	ROS	brick and conc frags	Possible tip ammo breakdown	6.6	<0.25	<0.05	0.27	<0.1	4.0	1.5	21	<0.05	<1
TP2542	0.5	MGT1B	ROS	brick	Disturbed ground	4.3	0.66	0.33	22	<0.1	24	13	73	2.0	<1
TP2543	0.3	MGT2A	ROS	appears reworked	Disturbed ground	5.9	0.30	<0.05	2.2	<0.1	3.9	1.6	<0.5	0.92	<1
TP2546	0.5	MGT2A	ROS	Charcoal	Lead store	7.4	<0.25	<0.05	0.53	<0.1	0.56	0.89	4.6	0.31	8.7
TP2549	0.6	MGT1B	ROS		Broad guage	7.0	2.9	<0.05	<0.05	<0.1	0.27	0.65	<0.5	0.74	<1
TP2550	0.2	MGT2A	ROS	Brick	Scrap store	6.2	<0.25	<0.05	<0.05	<0.1	<0.05	2.1	39	<0.05	<1
TP2551	0.3	MGT1B	ROS	Old topsoil	Scrap store	6.6	<0.25	<0.05	2.9	<0.1	20	2.2	5.9	2.7	<1
TP2554	0.5	MGT2A	ROS	Clinker	Ash	6.4	<0.25	<0.05	1.1	<0.1	2.6	4.7	46	0.39	<1
TP2555	0.1	MGT1B	ROS	Concrete	Lead	7.8	<0.25	<0.05	25	<0.1	1.7	0.57	2.5	0.89	<1
TP2559	0.3	MGT1A	ROS	Old topsoil	Scrap compound	6.3	1.8	<0.05	5.1	<0.1	6.7	2.2	15	1	<1
TP2563	0.6	LPF	ROS		Burning Ground delineation	5.9	1.5	<0.05	6.8	<0.1	7.8	2.3	5.8	3.1	<1
TP2564	0.1	MGT4	ROS		Burning Ground delineation	5.6	2.7	0.35	4.8	<0.1	5.7	3.4	39	1.4	<1
TP2599	0.7	MGT2B	CDA	ash	Misc open ground	8.1	1.5	<0.05	3.1	<0.1	21	9.4	67	2.5	<1
TP2606	0.1	MGT2B	CDA	ash	Burning Ground delineation	6.1	<0.25	<0.05	0.57	<0.1	9.2	3.9	108	<0.05	<0.1
TP2618	0.5	MGT1B	CDA	brick	Laundry	7.0	<0.25	<0.05	0.56	<0.1	1.9	<0.1	<0.5	<0.05	<1
TP2621	0.8	MGT1B	CDA	RWN	Works Dept	7.1	<0.25	<0.05	0.46	<0.1	2.3	1.5	41	0.45	<1
TP2623	0.3	MGT2A	CDA	coal	Works Dept	6.0	2.9	<0.05	4.9	<0.1	32	12	351	2.7	<1
TP2634	0.05	MGT2B	CDA	ash	Possible Asbestos Tip	7.1	1.3	<0.05	3.6	<0.1	11	9.6	135	2.4	<1
TP2706	0.1	MGT2B	RL	ash	Burning Ground delineation	7.0	<0.25	6.04	174	<0.1	22	11.8	1671	2.1	<1
TP2709	0.8	MGT1A	RL		Burning Ground delineation	6.9	0.70	<0.05	1.5	<0.1	2.5	2.0	11.3	2.9	<1
TP2712	2	MGT2C	RL	PFA	Uncontrolled Waste Tips	7.4	0.71	<0.05	<0.05	<0.1	1.4	1.2	6.4	0.46	3.3
TP2713	1.5	MGT2C	RL	PFA	Uncontrolled Waste Tips	7.3	<0.25	0.14	<0.05	<0.1	0.83	78	3.6	0.06	4.2
TP2715	0.1	MGT2A	ROS		Netherfield	6.0	1.2	0.07	6.8	<0.1	31	6.6	19	2.4	<1
TP2716	0.1	MGT2A	ROS	ash	Netherfield	6.4	2.0	0.15	6.8	<0.1	32	7.7	16	1.5	<1
TP2717	0.5	LPF	ROS		Netherfield	6.7	0.81	<0.05	3.8	<0.1	7.4	143	99	3.1	<1
TP2718	0.5	MGT2A	ROS	ash/clinker	Uncontrolled Waste Tips	6.9	0.33	<0.05	1.6	<0.1	1.8	3.0	4.5	1.7	<1
TP2720	0.1	MGT2B	ROS	ash/clinker	Uncontrolled Waste Tips	6.4	0.49	<0.05	6.3	<0.1	6.5	4.0	4.0	1.0	<1
TP2721	0.3	MGT2A	ROS	Ash	Uncontrolled Waste Tips	7.2	0.33	<0.05	0.81	<0.1	1.2	1.2	<0.5	1.0	<1
TP2723	0.1	MGT2A	ROS	Ash	Uncontrolled Waste Tips	4.5	18	0.10	32	<0.1	26	25	16	24	4.2
TP2724	0.5	MGT1A	ROS		Uncontrolled Waste Tips	4.0	0.28	<0.05	3.8	<0.1	1.6	6.8	11	0.50	<1
TP2726	0.4	MGT2C	CDA	PFA	Car Park	7.1	1.1	6.0	2.1	<0.1	3.2	2.8	42	1.9	<1

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
					No. of Samples	209	222	222	222	222	222	222	222	222	222
					Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
					Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
					Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
					No. detected	209	121	29	198	4	210	199	164	190	14
					Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
					Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
					No. Exceeding	13	4	2	29	0	43	1	38	5	
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2726	0.4	MGT2C	CDA	PFA	Car Park	6.8	1.1	0.11	3.1	<0.1	6.4	2.7	92	2.2	<1
TP3106	0.4	MGT2A	ROS	ash	Uncontrolled Waste Tips	7.8	0.65	<0.05	3.9	<0.1	1.2	0.12	7.8	0.77	<1
TP3106	0.4	MGT2A	ROS	ash	Uncontrolled Waste Tips	7.4	1.4	0.14	8.1	<0.1	1.6	1.5	42	0.74	<1
TP3108	0.35	MGT1A	ROS	ash	Uncontrolled Waste Tips	7.9	1.4	<0.05	5.9	<0.1	5.0	1.6	42	1.0	<1
TP3108	0.35	MGT1A	ROS	ash	Uncontrolled Waste Tips	8.3	5.8	<0.05	13	<0.1	3.1	2.3	8.5	1.3	<1
TP3112	0.1	MGT2A	ROS	Pockets of black ashy sand and gravel	Uncontrolled Waste Tips	7.0	0.46	<0.05	1.5	<0.1	4.3	2.2	42	0.77	<1
TP3118	0.5	MGT2A	CDA	ash	Laundry	7.6	3.4	<0.05	55	<0.1	71	15	91	4.3	<1
TP3145	0.3	MGT1B	ROS	ash	Netherfield	7.0	0.49	<0.05	1.6	<0.1	5.2	3.0	62	0.69	<1
TP3145	0.3	MGT1B	ROS	ash	Netherfield	7.3	0.84	<0.05	1.0	<0.1	2.8	2.0	26	1.5	<1
TP3172	0.3	MGT2B	ROS	ash	Netherfield	7.2	1.3	0.05	11	<0.1	7.5	3.2	40	0.88	<1
TP3172	0.3	MGT2B	ROS	ash	Netherfield	7.0	0.68	0.06	4.6	<0.1	5.2	3.7	59	0.86	<1
TP3173	0.15	MGT1A	ROS	RWN	Mound	7.4	0.59	<0.05	0.87	<0.1	8.0	3.8	65	1.3	<1
TP3174	0.9	WTF	ROS	RWN	Mound	7.2	0.58	<0.05	1.0	<0.1	4.5	2.5	31	1.6	<1
TP3176	0.4	MGT2A	ROS	blaes	Mound	7.3	0.93	<0.05	1.8	<0.1	3.4	1.7	16	1.2	<1
TP3176	0.4	MGT2A	ROS	blaes	Mound	7.4	0.54	<0.05	1.1	<0.1	1.7	1.1	10	0.8	<1
TP3177	0.9	MGT1A	ROS	RWN	Mound	7.3	0.78	<0.05	1.1	<0.1	5.5	1.7	27	1.1	<1
TP3199	0.1	MGT2B	ROS	ash	Ash	6.9	1.6	<0.05	4.7	<0.1	2.3	3.4	7.0	1.7	<1
TP3200	0.3	MGT2B	ROS	ash	Ash	7.5	3.2	0.05	3.6	<0.1	3.7	2.9	23	1.4	<1
TP3200	0.3	MGT2B	ROS	ash	Ash	7.5	2.2	0.07	4.8	<0.1	5.2	3.5	46	1.5	<1
TP3202	0.6	MGT2A	ROS	pockets of PFA	Ash	7.3	3.2	<0.05	1.0	<0.1	2.3	2.9	26	3.6	<1
TP3202	0.6	MGT2A	ROS	pockets of PFA	Ash	7.2	4.7	0.06	1.1	<0.1	3.4	4.1	36	3.2	<1
TP3205	0.4	MGT2C	RL		Ash	7.2	8.7	0.08	1.9	<0.1	2.2	2.2	20	7.4	<1
WS2645	0.1	CPF	RL		Burning Ground Picrite	6.9	<0.25	<0.05	<0.05	<0.1	<0.05	0.34	2.7	2.0	<1
WS2646	0.5	LPF	RL		Picrite Intermediate hydro picrite	7.0	<0.25	<0.05	0.09	<0.1	<0.05	<0.1	<0.5	0.07	<1
WS2647	0.3	CPF	RL		Picrite	4.5	1.58	<0.05	0.34	<0.1	0.54	0.64	24	0.55	<1
WS2649	0.3	MGT2A	RL	blaes	Picrite	7.3	<0.25	<0.05	1.3	<0.1	3.4	2.0	7.1	1.9	<1
WS2650	0.3	MGT2B	RL	clinker	Picrite	6.6	<0.25	<0.05	5.4	<0.1	3.0	0.94	4.3	0.41	<1
WS3086	0.1	MGT2B	RL	ash	Burning Ground Picrite	6.4	<0.25	<0.05	26	<0.1	12	3.0	422	2.1	<1
WS3087	0.3	CPF	RL		Picrite	4.1	1.3	<0.05	0.44	<0.1	0.34	3.4	26	<0.05	<1
WS3088	0.1	MGT2A	RL	blaes	Picrite	5.0	3.3	<0.05	4.5	<0.1	8.1	2.7	39	<0.05	<1
WS3089	0.1	CPF	RL		Picrite	6.4	<0.25	<0.05	0.11	<0.1	<0.05	<0.1	<0.5	<0.05	<1
WS3090	0.1	CPF	RL		Picrite	4.4	<0.25	<0.05	<0.05	<0.1	<0.05	<0.1	7.1	<0.05	<1
WS3091	0.3	CPF	RL		Picrite	6.9	<0.25	<0.05	0.07	<0.1	<0.05	<0.1	<0.5	0.06	<1
WS3092	0.1	CPF	RL		Picrite	3.6	<0.25	<0.05	13	<0.1	6.0	3.0	25	1.5	<1
WS3094	0.1	CPF	RL		Picrite	5.7	0.27	<0.05	<0.05	<0.1	<0.05	1.2	<0.5	<0.05	<1

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	pH	As	Cd	Pb	Hg	Cu	Ni	Zn	Cr	Se
					No. of Samples	209	222	222	222	222	222	222	222	222	222
					Min	0.27	<0.25	<0.05	<0.01	<0.01	<0.05	<0.1	<0.5	<0.05	<0.1
					Mean	6.8	4.1	0.2	9.2	0.1	9.1	4.2	106.8	6.9	1.5
					Max	10.2	102.0	6.0	290.0	0.4	270.0	143.2	9400.0	1137.0	41.0
					No. detected	209	121	29	198	4	210	199	164	190	14
					Assess Criteria	6 to 9	50	5	10	1	10	100	50	10	
					Source	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	EQS	
					No. Exceeding	13	4	2	29	0	43	1	38	5	
						n/a	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BGATP01	0.5	MGT1A	CDA		Burning Ground	-	<0.75	<0.22	16	0.02	2	23	9400	<1	<1
BGATP02	0.1	MGT2B	CDA		Burning Ground	-	<0.75	<0.22	220	<0.01	270	<1.5	3200	<1	<10
BGATP03	0.1	MGT2B	CDA		Burning Ground	-	<0.75	<0.22	290	<0.01	<1.6	7.2	620	5	<1
BGATP02	0.3	MGT2B	CDA		Burning Ground	-	<0.75	<0.22	120	<0.01	3.8	2	120	<1	<1
BGATP04	0.1	MGT1B	CDA		Burning Ground	-	<0.75	<0.22	0.9	<0.01	4	1.6	6	1	<1
BGATP04	0.5	MGT1B	CDA		Burning Ground	-	0.95	<0.22	2	<0.01	4.4	2.9	10	2	<1
BGAWS01	0.1	MGT2B	ROS		Burning Ground	-	<0.75	<0.22	0.5	<0.01	<1.6	<1.5	5	<1	<1
BGAWS01	0.5	MGT2B	ROS		Burning Ground	-	<0.75	<0.22	31	<0.01	8.9	5	320	<1	<1
BGAWS02	0.3	MGT2B	ROS		Burning Ground	-	<0.75	<0.22	1.7	<0.01	17	<1.5	9	1	<1
BGAWS02	0.5	MGT1B	ROS		Burning Ground	-	<0.75	<0.22	2.1	0.04	8.4	1.5	<5	2.6	<1
BGAWS04	0.6	MGT1A	CDA		Burning Ground	-	1.1	0.37	9.6	<0.01	2.2	9.3	120	<1	1
BGAWS05	0.3	MGT2B	CDA		Burning Ground	-	<0.75	0.4	1.3	<0.01	17	3.4	810	44	<1
BGAWS06	0.4	MGT2B	CDA		Burning Ground	-	<0.75	<0.22	<0.01	<0.01	<1.6	1.7	<5	<1	<1

Table 1
Leachability

(yellow)	Detection limit above assessment criteria
(orange)	Exceeds Assessment Criteria
(blue)	Detected above Reporting Limit (no assessment criteria)

	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
No. of Samples	222	209	209	209	209	209	209	208	209
Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
No. detected	217	177	41	206	54	139	109	206	180
Assess Criteria	2000			30			25		20
Source	EQS			EQS			EQS		EQS
No. Exceeding	0			51			0		12

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2001	0.1	MGT1A	CDA		AST Acid	19	28	<0.1	2.1	<1.5	1.0	0.77	171	<0.05
BH2002	0.1	MGT2A	CDA	blaes	CDA GW	9	578	<0.1	455	<1.5	0.6	<0.1	90	1.1
BH2003	0.1	MGT1A	CDA	brick	CDA GW	20	24	<0.1	46	<1.5	3.6	0.1	24	2.3
BH2041	0.1	MGT1A	ROS	brick	AST Acid	15	8.1	<0.1	9.5	<1.50	<0.1	<0.1	2.5	0.54
BH2061	0.1	KF	ROS	looks reworked	Delineation Boghall	19	21	<0.1	57	<1.50	<0.1	0.27	1.6	<0.05
BH2063	0.3	WTF	ROS	reworked ?	ROS GW	61	52	<0.1	4.3	1.5	<0.1	<0.1	2.8	0.14
BH2091	0.3	MGT2B	CDA	ash	AST fuel oil	64	38	<0.1	1.5	<1.5	0.7	<0.1	1.6	<0.05
BH2092	0.5	MGT2A	CDA	blaes	AST Acid	20	15	<0.1	8.3	<1.5	5.7	0.74	27	3.1
BH2093	0.1	TPSL	CDA		CDA GW	18	30	0.12	90	<1.5	1.3	1.7	34	6.1
BH2198	0.3	MGT1B	CDA	brick	Intermediate hydro	15	19	<0.1	3.7	<1.5	1.4	<0.1	<0.1	0.35
BH2221	0.45	MGT2A	ROS	blaes	ROS GW	23	13	0.55	3.5	<1.50	0.20	12	24	0.5
BH2222	0.7	MGT2B	ROS		Ash	52	48	<0.1	0.61	35	<0.1	<0.1	0.77	27
BH2223	0.1	WTF	ROS	ash	ROS GW	11	12	<0.1	15	<1.50	7.5	0.13	0.27	2.0
BH2224	0.3	MGT1A	ROS	brick	Ash	21	71	<0.1	0.31	1.7	<0.1	<0.1	3.2	<0.05
BH2225	0.1	MGT2A	ROS	blaes	Intermediate hydro	33	13	0.30	7.0	6.6	<0.1	0.1	6.3	1.1
BH2226	0.1	MGT2B	ROS	ash	ROS GW	20	18	<0.1	8.6	4.5	0.31	<0.1	2.0	3.9
BH2259	0.1	MGT1A	CDA		CDA GW	17	41	<0.1	66	<1.5	1.1	<0.1	43	2.4
BH2260	0.3	MGT2A	CDA	blaes	CDA GW	17	36	0.11	20	<1.5	<0.1	<0.1	99	5.8
BH2261	0.5	MGT2A	CDA	blaes	CDA shallow compliance	27	21	<0.1	7.6	10	<0.1	<0.1	29	12
BH2264	1	WTF	CDA		Intermediate hydro	19	33	<0.1	5.1	<1.5	<0.1	<0.1	1.4	0.41
BH2265	0.3	MGT2A	CDA	blaes	AST Acid	12	<0.1	<0.1	3.5	<1.5	1.0	<0.1	0.57	1.0
BH2266	1.5	LPF	CDA		CDA GW	82	13	<0.1	14	<1.50	0.26	<0.1	106	1.2
BH2268	1	MGT2A	CDA	blaes	CDA GW	14	<0.1	<0.1	6.3	<1.5	0.7	<0.1	0.17	2.0
BH2269	0.3	MGT1A	CDA		HC contamination	14	5.3	<0.1	6.4	<1.5	0.20	<0.1	1.0	2.2
BH2348	0.3	MGT2A	ROS	blaes	ROS GW	27	18	<0.1	8.4	<1.50	0.16	<0.1	0.93	1.5
BH2349	0.5	MGT2A	ROS	blaes	ROS GW	28	41	<0.1	6.4	<1.50	0.23	<0.1	2.9	1.9
BH2350	0.3	MGT1A	RL	RWN	ETF shallow compliance	22	9.4	9.4	1.3	5.7	0.10	0.10	3.4	11
BH2351	0.3	MGT2A	ROS	clinker	ROS GW	26	21	<0.1	7.5	<1.50	0.28	<0.1	1.2	0.97
BH2353	0.1	LPF	ROS	reworked	Intermediate hydro	17	520	<0.1	8.6	<1.50	<0.1	<0.1	2.7	<0.05
BH2354	0.3	MGT1A	ROS	wood fragment	ROS GW	14	64	<0.1	29	<1.50	0.31	<0.1	1.7	4.5
BH2355	0.3	CPF	RL		ETF shallow compliance	38	26	0.13	32	<1.5	5.3	1.8	1.3	3.3
BH2379	0.1	TPSL	CDA		CDA shallow compliance	30	7.2	0.19	14	<1.5	0.90	<0.1	2.1	6.7
BH2380	0.1	MGT1A	ROS		Deep GW	41	19	<0.1	7.3	<1.5	2.1	0.40	0.59	2.0
BH2412	0.1	MGT2A	CDA	blaes	AST Acid	29	29	29	2.4	4.4	0.10	0.10	3.2	1.2
BH2413	0.5	MGT2B	CDA	blaes	CDA shallow compliance	33	47	<0.1	13	<1.50	0.10	1.3	3.3	2.8

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
					No. of Samples	222	209	209	209	209	209	209	208	209
					Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
					Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
					Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
					No. detected	217	177	41	206	54	139	109	206	180
					Assess Criteria	2000			30			25		20
					Source	EQS			EQS			EQS		EQS
					No. Exceeding	0			51			0		12
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2414	0.5	MGT1A	ROS	RWN	AST Acid	7.9	7.9	7.9	2.7	<1.50	<0.1	0.20	1.1	1.9
BH2415	0.3	MGT2B	CDA	ash	AST Acid	22	18	<0.1	0.8	5.1	0.18	<0.1	1.8	0.8
BH2416	0.1	TPSL	CDA		Deep GW	16	3.5	<0.1	2.8	<1.50	<0.1	0.90	1.2	<0.05
BH2477	0.5	MGT1A	ROS	concrete	Big Steamie	22	23	<0.1	1.4	3.4	<0.1	<0.1	2.2	0.42
BH2529	0.5	MGT1A	ROS	brick	ROS GW	34	12	<0.1	8.8	<1.50	<0.1	<0.1	0.72	0.71
BH2530	0.1	TPSL	ROS		ROS GW	36	34	<0.1	10	<1.50	<0.1	<0.1	0.51	0.53
BH2531	1	MGT2B	ROS	ash	Ash	189	97	0.11	171	<1.50	0.10	<0.1	10	<0.05
BH2532	0.3	MGT1A	ROS	brick	Ash	42	30	<0.1	0.66	<1.50	0.76	<0.1	1.7	17
BH2533	1	MGT2B	ROS	ash	Ash	58	53	<0.1	288	<1.50	0.13	<0.1	4.1	<0.05
BH2534	0.5	MGT2B	ROS	ash	ROS GW	149	43	<0.1	5.2	<1.5	0.10	0.1	11	4.6
BH2537	0.3	MGT2A	ROS	ash	Deep GW	29	39	<0.1	7.4	<1.5	1.9	0.40	0.92	3.9
BH2583	1	MGT2A	CDA	blaes	CDA shallow compliance	17	<0.1	<0.1	5.8	<1.5	6.8	<0.1	0.13	4.5
BH2584	0.1	WTF	CDA		CDA GW	15	8.3	<0.1	4.7	<1.5	1.1	<0.1	0.31	1.0
BH2585	0.3	MGT1A	CDA		CDA GW	17	10	<0.1	1.2	<1.5	0.30	<0.1	0.64	<0.05
BH2586	0.3	MGT2B	CDA	ash	Stores yard	34	37	<0.1	8.1	<1.50	0.10	0.30	2.5	19
BH2587	1.5	MGT2A	CDA	clinker	CDA GW	113	64	<0.1	37	<1.50	0.42	<0.1	9.4	<0.05
BH2588	0.5	MGT1A	CDA		HC contamination	30	8.6	<0.1	3.2	<1.5	0.10	0.10	0.83	<0.05
BH2635	0.3	TPSL	ROS		CDA shallow compliance	21	44	0.14	76	<1.50	<0.1	<0.1	1.4	<0.05
BH2643	0.1	CPF	ROS		ROS shallow compliance	18	25	<0.1	0.97	<1.50	0.10	0.40	1.2	2.7
BH2644	1.5	MGT2A	CDA	ash	CDA shallow compliance	31	80	<0.1	3.1	3.3	0.40	<0.1	2.2	1.8
BH2648	1	MGT2A	RL	ash	Picrite	19	4.3	<0.1	9.6	<1.50	<0.1	<0.1	0.71	2.3
BH2652	0.1	MGT2B	RL	ash	Picrite Deep GW	1146	149	<0.1	121	37	<0.1	<0.1	9.1	1.3
BH2652	1.2	MGT2B	RL	ash	Picrite Deep GW	55	108	<0.1	2.0	3.7	0.10	0.13	8.8	1.1
BH2653	1	MGT2B	ROS	ash	Picrite Deep GW	23	18	<0.1	12	<1.50	<0.1	0.30	1.4	0.41
BH2662	0.3	MGT2A	CDA	blaes	CDA shallow compliance	14	9.2	<0.1	33	1.5	<0.1	<0.1	30	1.3
BH2663	0.3	TPSL	CDA		CDA shallow compliance	30	12	<0.1	70	<1.5	<0.1	<0.1	10	1.1
BH2667	0.1	MGT2B	ROS	ash	ROS GW	7.1	7.1	7.1	1.2	<1.50	0.10	0.30	1.7	2.0
BH2668	0.3	MGT2B	ROS	ash	Sulphur Dump	20	42	0.36	588	72	<0.1	4.4	6.9	1.4
BH2669	1	MGT2A	ROS	clinker	Sulphur Dump	93	18	<0.1	755	1.5	<0.1	<0.1	50	0.74
BH2670	0.5	MGT2A	ROS	ash	ETF shallow compliance	102	65	0.56	5.7	1.5	<0.1	<0.1	4.8	0.59
BH2671	0.5	MGT2B	ROS	ash	ETF shallow compliance	77	39	7.5	0.61	2.1	0.20	0.20	4.7	2.1
BH2672	0.3	MGT2A	RL	ash	ETF GW	40	28	0.97	31	5.7	<0.1	<0.1	13	0.99
BH2673	0.1	MGT2A	RL	ash	ETF GW	31	625	0.20	384	1205	1.7	<0.1	4.6	0.41
BH2674	0.1	MGT2B	RL	blaes	ETF shallow compliance	41	49	<0.1	1.1	<1.50	<0.1	<0.1	15	0.22
BH2675	0.3	MGT2B	RL	ash	ETF GW	12	18	0.86	67	2.4	0.10	1.9	8.7	0.46

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
					No. of Samples	222	209	209	209	209	209	209	208	209
					Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
					Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
					Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
					No. detected	217	177	41	206	54	139	109	206	180
					Assess Criteria	2000			30			25		20
					Source	EQS			EQS			EQS		EQS
					No. Exceeding	0			51			0		12
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BH2676	0.3	MGT2B	RL	ash	Ash	22	57	0.49	6.7	10	0.10	<0.1	3.7	0.95
BH2677	0.5	MGT2A	RL	clinker	Ash	16	17	1.6	1.7	4.1	<0.1	0.12	10	0.25
BH2678	0.3	MGT2B	RL	PFA	Ash	29	40	<0.1	32	<1.50	<0.1	0.40	1.2	0.59
BH2679	1.5	MGT2A	RL	ash	Picrite Refuse Coup	16	17	<0.1	1.7	<1.5	0.40	<0.1	4.9	23
BH2679	1.5	MGT2A	RL	ash	Picrite Refuse Coup	111	70	<0.1	3.4	11	0.60	0.34	1.6	23
BH2680	1	MGT2B	RL	ash	Intermediate hydro	31	23	<0.1	6.3	1.5	0.30	0.21	2.2	4.7
BH2681	0.3	MGT2B	ROS	ash	Deep GW	24	<0.1	<0.1	7.1	2.8	1.2	<0.1	0.81	11
BH2682	0.1	MGT2B	RL	PFA	Deep GW	25	19	<0.1	3.9	<1.50	0.90	0.40	0.77	12
BH2683	1	MGT2C	ROS	PFA	Deep GW	73	<0.1	<0.1	0.83	<1.50	<0.1	<0.1	0.46	37
BH2725	0.3	KF	CDA		CDA shallow compliance	18	9.3	<0.1	134	<1.5	<0.1	<0.1	4.8	6.4
BH3084	1.5	MGT2A	RL	PFA	ETF Shallow Compliance	36	20	<0.1	2.5	<1.5	0.20	<0.1	7.9	<0.05
BH3085	0.5	MGT1A	RL	blaes	Picrite	22	32	<0.1	3.1	<1.50	<0.1	1.3	3.2	2.7
HA2070	0.3-0.4	MGT1B	ROS	Clinker	Veg tip Delineation	79	<0.1	<0.1	10	5.1	<0.1	<0.1	1.3	6.9
HA2071	0.5-0.7	MGT1B	ROS	Within void in old tip	Veg tip Delineation	53	<0.1	<0.1	3.6	5.4	0.23	<0.1	1.7	31
HA2072	0.3-0.4	MGT2A	ROS	Reworked with brick and concrete	Veg tip Delineation	25	<0.1	<0.1	8.5	1.8	3.4	<0.1	2.9	4.5
HA2073	0.1-0.3	MGT2A	ROS	Reworked with brick and clinker	Veg tip Delineation	24	<0.1	<0.1	281	2.2	<0.1	<0.1	5.7	3.0
HA2074	0.2-0.4	MGT1B	ROS		Veg tip Delineation	158	<0.1	<0.1	218	2.1	<0.1	<0.1	2.9	18
HA2312	0.1-0.2	MGT2A	CDA	Pockets of ash	Lead Salts	248	144	<0.10	29	<1.5	<0.1	1.8	1.1	7.3
HA2314	0.1-0.2	MGT1B	CDA	Brick	Lead Salts	272	78	<0.10	11	<1.5	<0.1	<0.1	1.0	7.5
HA2489	0.4-0.6	WTF	ROS		Possible tip ammo breakdown	411	<0.1	<0.1	41	<1.50	<0.1	<0.1	2.9	3.4
HA2637	0.1-0.2	MGT2A	ROS	Clinker	Proof Range	251	<0.1	<0.1	44	<1.50	9.0	<0.1	2.1	5.7
HA2638	0.35-0.65	LPF	ROS		Proof Range	516	<0.1	<0.1	28	<1.50	<0.1	<0.1	2.6	3.5
HA2639	0.4-0.7	LPF	ROS		Proof Range	320	<0.1	0.12	27	<1.50	<0.1	<0.1	2.6	6.5
HA2642	0.1-0.2	LPF	ROS		Proof Range	434	<0.1	<0.1	21	<1.50	0.16	<0.1	2.4	6.6
TP2017	0.1	MGT2A	CDA	brick	Lead Salts	14	3.6	<0.1	2.5	<1.5	<0.1	0.8	15	1.0
TP2054	0.3	MGT1A	ROS		Narrow guage	17	15	0.41	7.7	<1.50	<0.1	12	26	0.38
TP2075	0.3	MGT2A	ROS	ash	Boghall Delineation	18	177	<0.1	1061	3.2	2.7	<0.1	2.7	5.1
TP2078	0.3	MGT1A	ROS	brick	Uncontrolled Waste Tips	19	92	<0.1	64	<1.50	0.75	1.5	2.4	2.4
TP2079	0.1	MGT2A	ROS	ash	Uncontrolled Waste Tips	25	12	<0.1	25	<1.50	0.56	1.8	2.8	1.3
TP2079A	0.1	TPSL	ROS		Uncontrolled Waste Tips	24	60	<0.1	51	<1.50	0.82	0.17	1.7	3.6
TP2080	0.1	MGT2A	ROS	ash	Uncontrolled Waste Tips	26	148	<0.1	66	<1.50	2.3	0.30	1.7	2.9
TP2081	0.3	MGT1A	ROS	concrete	Uncontrolled Waste Tips	18	324	<0.1	1365	2.2	0.85	7.3	3.2	0.63
TP2090	0.3	MGT2A	ROS	ash	Burning Ground delineation	53	193	<0.1	4.8	2.5	48	<0.1	2.2	2.8
TP2118	0.1	TPSL	CDA		Possible Asbestos	249	160	<0.1	60	<1.5	1.3	1.82	2.0	9.3

Table 1
Leachability

Yellow	Detection limit above assessment criteria
Orange	Exceeds Assessment Criteria
Blue	Detected above Reporting Limit (no assessment criteria)

	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
No. of Samples	222	209	209	209	209	209	209	208	209
Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
No. detected	217	177	41	206	54	139	109	206	180
Assess Criteria	2000			30			25		20
Source	EQS			EQS			EQS		EQS
No. Exceeding	0			51			0		12

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2130	0.3	MGT2B	CDA		Lead Salts	180	304	<0.1	18	<1.5	1.9	2.4	1.6	4.1
TP2132	0.7	MGT2A	CDA	blaes	Lead Salts	110	272	<0.1	1.1	<1.5	2.1	0.58	1.9	7.9
TP2133	1	KF	CDA		Lead Salts	169	35	<0.1	1.3	<1.5	1.0	0.45	5.2	2.4
TP2161	0.35	MGT1A	CDA		Apprent Hall	178	236	<0.1	0.44	2.5	0.78	0.61	7.4	0.52
TP2166	0.1	MGT2A	CDA	blaes	Road	332	114	<0.1	3.3	<1.5	3.3	1.1	6.4	3.4
TP2168	0.4	MGT1A	CDA		Broad guage	388	492	<0.1	556	<1.5	0.65	0.79	5.2	1.3
TP2183	0.1	MGT1A	CDA		Burning Ground delineation	356	150	<0.1	17	<1.5	3.2	4.4	0.71	3.2
TP2184	0.1	MGT1A	CDA		Burning Ground delineation	214	114	<0.1	14	<1.5	2.4	5.0	0.69	3.4
TP2185	0.6	MGT2B	CDA	clinker	Burning Ground delineation	97	468	<0.1	2.7	<1.5	14	1.7	3.5	4.1
TP2186	0.4	MGT2A	CDA		Apprent Hall	225	94	<0.1	1.4	<1.5	0.75	1.1	4.0	3.6
TP2204	0.1	MGT2A	CDA	ash	White Phos Section	17	173	<0.1	11	3.4	4.2	0.94	2.1	6.4
TP2205	0.45	MGT2B	CDA	ash/clinker	White Phos Section	33	29	<0.1	1.5	1.6	0.7	0.95	3.6	22
TP2206	0.1	MGT2B	CDA	Ash	White Phos Section	25	66	<0.1	33	<1.5	5.2	1.7	2.7	1.8
TP2207	0.4	MGT1B	CDA	chemical odour	White Phos Section	151	390	<0.1	1.5	3.3	0.1	1.2	8.4	40
TP2208	0.3	MGT2A	CDA	possible asbestos tile	White Phos Section	232	339	<0.1	2.3	2.0	0.1	0.2	4.6	1.8
TP2209	0.45	MGT1A	CDA	charcoal	White Phos Section	426	189	<0.1	2.7	<1.5	<0.1	<0.03	23	<0.05
TP2218	0.4	MGT1A	CDA	brick	Road	43	69	<0.1	6.3	<1.5	2.4	1.0	105	1.3
TP2283	0.2	MGT2A	CDA	ash	Misc open storage	21	54	0.05	26.0	<1.5	0.17	<0.1	2.2	<0.05
TP2316	0.2	MGT2B	CDA	clinker	Road	11	3.3	<0.05	2.0	<1.5	0.25	<0.1	1.0	<0.05
TP2328	0.35	MGT2A	CDA	blaes	Mineral workings	22	61	<0.1	181	<1.5	<0.1	1.0	IS	0.3
TP2330	0.9	MGT2B	CDA	ash	Misc oil & solvent drums	22	<0.1	<0.1	871	<1.50	<0.1	<0.1	1.2	4.3
TP2332	0.5	MGT2B	CDA	ash. Clinker	Narrow guage	14	44	<0.1	0.15	4.2	0.48	0.04	<0.1	11.8
TP2339	0.1	MGT1B	CDA	ceramics	Possible Asbestos Tip	26	23	0.12	19	<1.5	0.29	<0.1	1.2	<0.05
TP2343	0.4	MGT2A	CDA	blaes	Possible Asbestos Tip	6.4	5.6	<0.1	0.87	<1.5	3.9	<0.10	3.1	<0.05
TP2366	0.3	MGT2B	ROS	Brick / bitumen fragments	Road	27	37	0.10	1.1	3.6	<0.1	<0.1	2.0	1.1
TP2367	0.1	MGT3	ROS	Surfacing	Broad guage	51	30	0.73	9.5	<1.50	0.10	0.20	6.3	0.66
TP2377	0.6	MGT1B	ROS	Lump of Fibrous asbestos in sample	Possible Asbestos Tip	33	128	0.73	2.4	7.7	0.40	<0.1	5.4	0.81
TP2398	0.5	MGT2A	ROS	Blaes	Narrow guage	27	52	<0.1	2.0	4.6	0.54	0.13	0.64	4.4
TP2401	0.5	MGT2A	ROS		Misc oil & solvent drums	27	<0.1	<0.1	36	<1.50	<0.1	<0.1	1.9	2.9
TP2426	1	MGT1A	CDA	pipe at 1m	AST acid	231	<0.1	<0.1	35	<1.50	<0.1	<0.1	5.5	0.33
TP2465	0.1	MGT2B	CDA	ash/clinker	Boiler House 2	733	51	<0.1	3.2	7.5	<0.1	<0.1	1.7	1.0
TP2480	0.2	MGT2B	ROS	ash / asbestos	Disturbed ground	25	923	<0.1	233	<1.50	<0.1	<0.1	9.9	0.89
TP2481	0.2	TPSL	ROS		Possible tip ammo breakdown	41	36	<0.1	12	<1.50	0.21	0.86	0.91	13
TP2482	0.5	KF	ROS		Possible tip ammo breakdown	23	22	<0.1	10	<1.50	<0.1	<0.1	0.27	3.3
TP2487	0.5	WTF	ROS		Possible tip ammo breakdown	36	35	<0.1	20	<1.50	<0.1	2.13	0.71	1.2

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

					No. of Samples	222	209	209	209	209	209	209	208	209
					Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
					Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
					Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
					No. detected	217	177	41	206	54	139	109	206	180
					Assess Criteria	2000			30			25		20
					Source	EQS			EQS			EQS		EQS
					No. Exceeding	0			51			0		12
Sample Ref.	**Depth**	**Material Type**	**Develop-ment Area**	**Comments**	**Rational**	**B**	**Ba**	**Be**	**Mn**	**Mo**	**Sb**	**Sn**	**Mg**	**V**
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2488	0.2	TPSL	ROS		Possible tip ammo breakdown	21	3.6	<0.1	1.2	<1.50	<0.1	<0.1	0.84	<0.05
TP2490	0.5	WTF	ROS		Possible tip ammo breakdown	55	134	<0.1	35	2.6	0.88	<0.1	5.4	1.4
TP2491	0.2	HSTD	ROS	Bonded asbestos	Possible tip ammo breakdown	16	133	<0.1	165	2.5	0.21	<0.1	1.4	0.86
TP2515	0.2	MGT1B	ROS	ammunition packing boxes	Possible tip ammo breakdown	30	65	<0.1	12	<1.50	<0.1	<0.1	1.3	<0.05
TP2519	0.2	MGT1A	ROS	brick and conc frags	Possible tip ammo breakdown	27	647	<0.1	1.3	<1.50	<0.1	<0.1	7.2	<0.05
TP2542	0.5	MGT1B	ROS	brick	Disturbed ground	24	<0.1	0.43	175	<1.50	<0.1	<0.1	0.50	4.4
TP2543	0.3	MGT2A	ROS	appears reworked	Disturbed ground	32	<0.1	<0.1	11	<1.50	<0.1	<0.1	0.80	1.9
TP2546	0.5	MGT2A	ROS	Charcoal	Lead store	18	7.0	<0.1	0.52	3.2	0.10	<0.1	3.9	2.5
TP2549	0.6	MGT1B	ROS		Broad guage	23	105	<0.1	2.2	<1.50	<0.1	<0.1	0.36	5.5
TP2550	0.2	MGT2A	ROS	Brick	Scrap store	46	52	<0.1	21	<1.50	<0.1	<0.1	0.58	<0.05
TP2551	0.3	MGT1B	ROS	Old topsoil	Scrap store	26	9.1	<0.1	6.0	<1.50	0.22	<0.1	70	3.3
TP2554	0.5	MGT2A	ROS	Clinker	Ash	28	28	<0.1	4.7	<1.50	0.15	<0.1	1.1	3.1
TP2555	0.1	MGT1B	ROS	Concrete	Lead	352	131	<0.1	10	<1.5	<0.1	4.2	1.4	0.23
TP2559	0.3	MGT1A	ROS	Old topsoil	Scrap compound	316	59	0.11	14	<1.50	0.66	0.1	2.4	4.3
TP2563	0.6	LPF	ROS		Burning Ground delineation	87	26	0.10	28	<1.50	0.48	0.26	1.1	3.2
TP2564	0.1	MGT4	ROS		Burning Ground delineation	32	16	0.10	42	<1.50	0.21	<0.1	0.36	1.4
TP2599	0.7	MGT2B	CDA	ash	Misc open ground	159	303	0.21	7.9	<1.5	<0.1	2.0	23	15
TP2606	0.1	MGT2B	CDA	ash	Burning Ground delineation	23	111	<0.1	4.7	<1.5	0.52	<0.10	8.5	6.1
TP2618	0.5	MGT1B	CDA	brick	Laundry	22	8.2	<0.05	2.7	<1.5	0.14	<0.1	1.0	<0.05
TP2621	0.8	MGT1B	CDA	RWN	Works Dept	234	206	<0.1	5.8	<1.5	<0.1	0.38	7.8	<0.05
TP2623	0.3	MGT2A	CDA	coal	Works Dept	324	422	0.14	9.3	<1.5	0.1	0.71	5.3	0.99
TP2634	0.05	MGT2B	CDA	ash	Possible Asbestos Tip	224	235	0.20	26	<1.5	<0.1	2.9	0.6	10
TP2706	0.1	MGT2B	RL	ash	Burning Ground delineation	14	422	<0.1	2.3	<1.50	10	1.9	0.33	0.87
TP2709	0.8	MGT1A	RL		Burning Ground delineation	27	16	<0.1	6.3	<1.50	0.35	0.07	0.42	3.6
TP2712	2	MGT2C	RL	PFA	Uncontrolled Waste Tips	36	44	<0.1	48	1.9	1.8	0.03	1.4	12
TP2713	1.5	MGT2C	RL	PFA	Uncontrolled Waste Tips	26	10	<0.1	626	3.3	0.45	0.03	2.8	0.11
TP2715	0.1	MGT2A	ROS		Netherfield	23	<0.1	<0.1	17	<1.50	0.22	1.3	0.57	3.1
TP2716	0.1	MGT2A	ROS	ash	Netherfield	20	<0.1	<0.1	421	<1.50	<0.1	0.58	1.8	4.8
TP2717	0.5	LPF	ROS		Netherfield	33	<0.1	<0.1	8.4	<1.50	<0.1	<0.1	1.0	6.8
TP2718	0.5	MGT2A	ROS	ash/clinker	Uncontrolled Waste Tips	91	<0.1	<0.1	2.8	2.0	<0.1	<0.1	1.5	3.5
TP2720	0.1	MGT2B	ROS	ash/clinker	Uncontrolled Waste Tips	34	<0.1	<0.1	294	<1.50	1.1	<0.1	2.0	2.0
TP2721	0.3	MGT2A	ROS	Ash	Uncontrolled Waste Tips	27	<0.1	<0.1	2.3	<1.50	<0.1	<0.1	0.73	2.0
TP2723	0.1	MGT2A	ROS	Ash	Uncontrolled Waste Tips	44	<0.1	0.20	128	<1.50	<0.1	2.0	0.57	46
TP2724	0.5	MGT1A	ROS		Uncontrolled Waste Tips	93	<0.1	<0.1	28	<1.50	<0.1	0.34	0.42	1.0
TP2726	0.4	MGT2C	CDA	PFA	Car Park	199	160	<0.1	5.5	<1.50	0.16	0.59	1.3	8.1

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
					No. of Samples	222	209	209	209	209	209	209	208	209
					Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
					Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
					Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
					No. detected	217	177	41	206	54	139	109	206	180
					Assess Criteria	2000			30			25		20
					Source	EQS			EQS			EQS		EQS
					No. Exceeding	0			51			0		12
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
TP2726	0.4	MGT2C	CDA	PFA	Car Park	652	138	<0.1	9.5	<1.50	0.18	0.25	1.4	5.3
TP3106	0.4	MGT2A	ROS	ash	Uncontrolled Waste Tips	117	217	<0.1	3.2	<1.50	0.13	0.22	1.3	1.8
TP3106	0.4	MGT2A	ROS	ash	Uncontrolled Waste Tips	355	432	<0.1	2.6	1.8	1.9	0.29	2.5	3.6
TP3108	0.35	MGT1A	ROS	ash	Uncontrolled Waste Tips	70	461	<0.1	10	<1.50	0.21	1.2	2.6	6.1
TP3108	0.35	MGT1A	ROS	ash	Uncontrolled Waste Tips	89	188	<0.1	1.3	<1.50	0.3	1.2	2.5	29
TP3112	0.1	MGT2A	ROS	Pockets of black ashy sand and gravel	Uncontrolled Waste Tips	113	200	<0.1	18	<1.50	0.07	0.18	1.2	3.1
TP3118	0.5	MGT2A	CDA	ash	Laundry	187	367	0.486	47	3.4	0.12	4.4	0.86	19
TP3145	0.3	MGT1B	ROS	ash	Netherfield	159	233	<0.1	4.9	<1.50	0.19	0.68	0.59	2.3
TP3145	0.3	MGT1B	ROS	ash	Netherfield	1110	63	<0.1	2.5	<1.50	0.18	0.23	0.53	2.9
TP3172	0.3	MGT2B	ROS	ash	Netherfield	187	188	0.113	15	<1.50	0.32	0.48	0.96	6.4
TP3172	0.3	MGT2B	ROS	ash	Netherfield	104	272	<0.1	11	<1.50	0.28	0.70	1.4	3.6
TP3173	0.15	MGT1A	ROS	RWN	Mound	743	440	<0.1	5.6	<1.50	0.32	<0.1	0.51	2.7
TP3174	0.9	WTF	ROS	RWN	Mound	696	116	<0.1	6.2	<1.50	0.18	0.12	0.77	3.2
TP3176	0.4	MGT2A	ROS	blaes	Mound	131	87	<0.1	5.9	<1.50	0.99	0.17	1.3	3.5
TP3176	0.4	MGT2A	ROS	blaes	Mound	71	40	<0.1	4.2	<1.50	0.34	0.10	0.74	2.5
TP3177	0.9	MGT1A	ROS	RWN	Mound	368	136	<0.1	4.2	<1.50	0.67	<0.1	0.62	4.3
TP3199	0.1	MGT2B	ROS	ash	Ash	46	5	<0.1	11	<1.50	0.23	0.23	0.73	6.6
TP3200	0.3	MGT2B	ROS	ash	Ash	204	166	<0.1	4.5	<1.50	1.0	0.18	1.7	18
TP3200	0.3	MGT2B	ROS	ash	Ash	345	479	<0.1	6.3	<1.50	1.3	0.35	2.0	14
TP3202	0.6	MGT2A	ROS	pockets of PFA	Ash	93	167	<0.1	2.8	<1.50	0.69	0.34	0.69	30
TP3202	0.6	MGT2A	ROS	pockets of PFA	Ash	261	372	0.10	3.4	<1.50	0.76	0.36	0.61	43
TP3205	0.4	MGT2C	RL		Ash	86	191	0.20	1.4	<1.50	3.3	0.66	1.2	166
WS2645	0.1	CPF	RL		Burning Ground Picrite	3.1	<0.1	<0.1	1.2	<1.5	2.2	1.1	1.3	<0.05
WS2646	0.5	LPF	RL		Picrite Intermediate hydro picrite	1.9	0.10	<0.1	<0.05	<1.50	0.31	0.77	1.2	<0.05
WS2647	0.3	CPF	RL		Picrite	23	<0.1	<0.1	3.2	<1.50	<0.1	<0.1	0.92	0.15
WS2649	0.3	MGT2A	RL	blaes	Picrite	28	15	<0.1	9.9	1.6	4.4	0.20	1.0	4.9
WS2650	0.3	MGT2B	RL	clinker	Picrite	104	128	<0.1	1.2	4.7	2.8	2.9	3.3	2.2
WS3086	0.1	MGT2B	RL	ash	Burning Ground Picrite	38	154	0.12	4.7	<1.5	63	0.53	1.1	3.3
WS3087	0.3	CPF	RL		Picrite	30	41	<0.1	689	<1.5	0.27	0.77	11	0.06
WS3088	0.1	MGT2A	RL	blaes	Picrite	42	22	<0.1	33	<1.5	2.5	2.9	2.7	1.5
WS3089	0.1	CPF	RL		Picrite	2.1	<0.1	<0.1	<0.05	<1.5	1.2	0.32	0.97	<0.05
WS3090	0.1	CPF	RL		Picrite	67	18	<0.1	143	<1.5	2.9	<0.1	1.5	<0.05
WS3091	0.3	CPF	RL		Picrite	2.7	0.15	<0.1	<0.05	<1.50	0.40	0.32	1.1	0.05
WS3092	0.1	CPF	RL		Picrite	20	4.3	0.19	3.6	<1.50	0.85	0.25	0.35	11
WS3094	0.1	CPF	RL		Picrite	16	<0.1	<0.1	77	<1.50	<0.1	<0.1	2.8	<0.05

Table 1
Leachability

Detection limit above assessment criteria
Exceeds Assessment Criteria
Detected above Reporting Limit
(no assessment criteria)

Sample Ref.	Depth	Material Type	Develop-ment Area	Comments	Rational	B	Ba	Be	Mn	Mo	Sb	Sn	Mg	V
					No. of Samples	222	209	209	209	209	209	209	208	209
					Min	1.9	<0.1	<0.05	<0.05	<1.5	0.07	0.027	<0.1	<0.05
					Mean	98.4	91.9	0.4	61.2	8.5	1.4	0.7	7.2	5.5
					Max	1146.0	923.0	29.0	1365.0	1205.0	63.0	12.0	171.0	165.7
					No. detected	217	177	41	206	54	139	109	206	180
					Assess Criteria	2000			30			25		20
					Source	EQS			EQS			EQS		EQS
					No. Exceeding	0			51			0		12
						ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
BGATP01	0.5	MGT1A	CDA		Burning Ground	150	-	-	-	-	-	-	-	-
BGATP02	0.1	MGT2B	CDA		Burning Ground	60	-	-	-	-	-	-	-	-
BGATP03	0.1	MGT2B	CDA		Burning Ground	150	-	-	-	-	-	-	-	-
BGATP02	0.3	MGT2B	CDA		Burning Ground	<20	-	-	-	-	-	-	-	-
BGATP04	0.1	MGT1B	CDA		Burning Ground	<20	-	-	-	-	-	-	-	-
BGATP04	0.5	MGT1B	CDA		Burning Ground	<20	-	-	-	-	-	-	-	-
BGAWS01	0.1	MGT2B	ROS		Burning Ground	40	-	-	-	-	-	-	-	-
BGAWS01	0.5	MGT2B	ROS		Burning Ground	50	-	-	-	-	-	-	-	-
BGAWS02	0.3	MGT2B	ROS		Burning Ground	40	-	-	-	-	-	-	-	-
BGAWS02	0.5	MGT1B	ROS		Burning Ground	40	-	-	-	-	-	-	-	-
BGAWS04	0.6	MGT1A	CDA		Burning Ground	90	-	-	-	-	-	-	-	-
BGAWS05	0.3	MGT2B	CDA		Burning Ground	<20	-	-	-	-	-	-	-	-
BGAWS06	0.4	MGT2B	CDA		Burning Ground	<20	-	-	-	-	-	-	-	-