



**Table A4.1**  
**Core Development Area**  
**Metals and Non-metals**

 exceeds Tier 2 criteria  
 exceeds Tier 2 criteria + suggested outlier (UC95)

n	529	248	529	529	529	255	257	529	257	531	531	248	529	248	257	248	248
min	1	0.2	0.3	14	0.1	61	4	10	180	3	0.48	5	0.3	2	5	300	19
mean	11.4	2.0	0.4	38	0.3	505	5.1	39	699	282	1.64	7.9	0.7	9.0	52.1	1257	65
max	426	14.8	12	160	24.2	1990	11	150	4430	65700	4.82	250	6.4	100	260	10700	180
n detected	529	248	52	529	313	255	10	529	257	518	-	14	363	217	257	248	248
Tier 2 criteria	20	163	1	130	8	618	128	50	2900	450	2.65	5	35	11000	450	64000	510
n exceeded	23	0	12	1	1	55	0	120	1		28	13	0	0	0	0	0
<b>MeanVT</b>																	
stdev	19.2	1.6	1.0	14.8	1.1	286	0.7	20	353		0.6	22	0.7	12.8	50	773	24
t	1.658	1.658	1.658	1.658	1.658	1.658	1.658	1.658	1.658		1.658	1.658	1.658	1.658	1.658	1.658	1.658
mean UC95	13	2.2	0.5	39	0.4	535	5.2	41	735		1.69	10	0.7	10	57	1338	68
pass/fail	pass	pass	pass	pass	pass	pass	pass	pass	pass		pass	fail	pass	pass	pass	pass	pass
Max>criteria?	yes	no	yes	yes	yes	yes	no	yes	yes		yes	yes	no	no	no	no	no
<b>MaxVT</b>																	
T	7.778		8.785	4.045	6.053	2.816		3.017	4.758		5.054	8.099					
crit T	3.318		3.318	3.318	3.318	3.318		3.318	3.318		3.318	3.318					
outliers?	yes		yes	yes	yes	no		no	yes		yes	yes					

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1074	0.3	D	MG	ash		D/s of Pb salts section	8	1.8	<0.3	28	0.2	442	<5	37	886	48	1.68	<5	0.7	<2	47	1610	76
BH1089	0.5	D	Nat	peat		D/s of FII Acids section	5		<0.3	30	0.3			14		9	0.95		1.2				
BH1108	0.1	D	Nat	topsoil		Ammonium perchlorate. Rail	93		1.7	43	0.8			28		98	1.99		0.7				
BH1134	0.1	E	MG	clay&ash	red shale	White Phos Section	10	1.9	<0.3	35	<0.1	957	<5	52	704	38	1.58	<5	<0.3	5	63	1190	57
BH1134	0.3	E	MG	dark silt	organic	White Phos Section	11	2.6	<0.3	42	0.1	298	<5	49	697	150	2.18	<5	0.4	11	37	1110	74
BH1194	0.3	G		clay/silt	shale	IMS	10		<0.3	42	0.2			43		33	1.52		0.8				
BH1194	0.5	G		clay/silt		IMS	4		<0.3	52	0.1			49		4	0.60		<0.3				
BH1219	0.1	G	MG	topsoil	ash	MG Poss brick field. Drum store	8	1.2	<0.3	38	0.1	482	<5	47	695	41	1.61	<5	0.9	<2	55	1350	59
BH1219	0.5	G	Nat	peat/soil		MG Poss brick field. Drum store	7		<0.3	32	<0.1			28		11	1.04		<0.3				
BH1231	0.1	G	MG	topsoil	bits ash	Next to acetone AST and fuel USTs	13		<0.3	57	0.4			54		180	2.26		1.1				
BH1231	0.5	G	Nat	Clay/silt		Next to acetone AST and fuel USTs	15		<0.3	110	0.4			92		78	1.89		0.8				
BH1242	0.1	G	MG	topsoil	brick/glass	Chem store	8		<0.3	33	0.1			30		43	1.63		0.4				
BH1242	0.5	G	Nat	black silt		Chem store	11	2.1	<0.3	40	0.4	334	<5	37	775	140	2.15	<5	0.6	5	32	1510	86
BH1445	0.1	M	Nat	dark organic		Hydraulic oil AST	9		<0.3	25	0.2			23		58	1.76		0.5				

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1445	1	M	Nat	silty sand		Hydraulic oil AST	7		<0.3	22	0.1			23		22	1.34		<0.3				
BH1451	0.3	M	MG	ash & clay		Next to fuel UST	12	2.2	11	29	0.2	500	<5	56	673	96	1.98	<5	0.9	6	60	1460	72
BH1451	1	M	MG	silty clay		Next to fuel UST	11		<0.3	37	0.1			32		25	1.40		0.4				
BH1455	0.3	M	MG	black ash		MG Mineral working. Fuel UST	14	8.9	0.6	35	0.5	607	<5	120	1080	512	2.71	<5	1	62	130	1370	110
BH1455	1	M	MG	black ash		MG Mineral working. Fuel UST	14	6.4	0.4	32	0.8	485	<5	98	1050	383	2.58	<5	1.4	43	110	1430	100
BH1495	0.3	P	MG	redshale		Petrol UST	11		<0.3	27	1			24		57	1.76		2.3				
BH1495	1	P	Nat	grey clay		Petrol UST	5		<0.3	44	<0.1			33		4	0.60		<0.3				
BH1532	0.1	G	MG	topsoil	shale	Solvent tanks	13		<0.3	41	0.3			36		110	2.04		0.9				
BH1532	0.5	G	Nat	stiff clay		Solvent tanks	8		<0.3	42	0.2			45		13	1.11		<0.3				
BH1621	0.3	M	MG	ash & shale		Ug diesel tank fuel	17	3.1	<0.3	39	0.5	392	<5	64	514	100	2.00	<5	2	3	98	951	75
BH1621	1	M	Nat	Clay/silt		Ug diesel tank fuel	10		<0.3	53	0.4			41		110	2.04		0.4				
BH1622	0.1	A	MG	CLAY		Near Pb development + d/s of 2 ethyl acetate ASTs	9		<0.3	28	<0.1			24		49	1.69		0.5				
BH1622	0.3	A	Nat	CLAY		Near Pb development + d/s of 2 ethyl acetate ASTs	10		0.7	29	<0.1			34		120	2.08		0.6				
CPT04	0.3	D					7		<0.3	16	0.3			10		35	1.54		0.4				
CPT08	0.1	D					15		0.4	34	0.7			92		130	2.11		2.7				
CPT09	0.2	M					8		<0.3	28	0.4			88		150	2.18		1				
CPT10	0.1	G					10		<0.3	48	0.5			46		52	1.72		0.4				
CPT12	0.6	D					4		<0.3	23	0.3		<4	25	390	3	0.48		<0.3		16		
CPT14	0.7	D					7		<0.3	26	0.1	310	<4	21	710	16	1.20		0.5		17		
CPT15	0.6	D					8		<0.3	22	0.3	280	<4	54	590	62	1.79		0.4		9		
CPT17	0.6	D					12		<0.3	27	0.8			34		787	2.90		0.6				
CPT18	1	G					7		<0.3	53	0.3			46		15	1.18		<0.3				
CPT19	0.9	G					6		<0.3	55	0.2			42		13	1.11		<0.3				
CPT20	0.2	G					11		<0.3	38	0.2			23		37	1.57		0.5				
CPT25	0.3	G					30		<0.3	45	<0.1			46		41	1.61		1.6				
CPT28	0.3	G					6		<0.3	31	<0.1			29		8	0.90		<0.3				
CPT32	0.2	A					14		<0.3	60	0.3	573	<4	45	860	64	1.81		0.9		140		
CPT33	0.2	A					11		<0.3	28	2.3			94		1400	3.15		1.6				
CPT34	0.3	A									1370	<4		630							21		
CPT35	0.6	G					4		<0.3	51	0.2			43		9	0.95		<0.3				
CPT38	0.6	G					6		<0.3	52	0.2			57		8	0.90		<0.3				
CPT39	0.8	G					7		<0.3	53	0.3			48		11	1.04		<0.3				
CPT40	0.5	D					7		<0.3	36	0.3			60		11	1.04		<0.3				
CPT41	0.7	P					7		<0.3	15	0.6			16		24	1.38		0.3				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CPT48	0.7	P					7		<0.3	28	0.3			24		27	1.43		<0.3				
CPT58	0.5	J					11		<0.3	37	0.3			39		62	1.79		0.9				
CPT59	0.8	J					13		<0.3	55	1.2			66		270	2.43		0.7				
CPT60	0.8	J					9		<0.3	57	0.2			42		16	1.20		<0.3				
CPT62	0.7	J					5		<0.3	43	0.2			33		16	1.20		0.4				
CPT64	0.5	E					13		<0.3	48	2.7			55		150	2.18		0.8				
CPT65	0.1	J					10		<0.3	57	0.5			66		170	2.23		1.3				
CPT70	0.8	E					6		<0.3	55	0.1			45		9	0.95		<0.3				
CPT71	0.2	G					14		<0.3	51	0.7			51		250	2.40		0.9				
CPT77	0.1	I					10		<0.3	51	0.4			40		110	2.04		1				
CPT78	0.9	G					13		<0.3	43	0.3			26		11	1.04		<0.3				
CPT79	0.5	G					8		<0.3	52	0.4			23		13	1.11		<0.3				
HA1142	0.1	E	MG	SILT		Drum store	7		<0.3	33	0.2			29		412	2.61		0.4				
HA1212	0.1	G	MG	SILT			8		<0.3	25	<0.1			23		25	1.40		0.4				
HA1212	0.4	G	MG	SILT			9		<0.3	27	0.1			20		36	1.56		0.4				
HA1313	0.1	J	MG	CLAY			22	3.9	0.4	51	0.3	1160	<5	58	744	290	2.46	<5	1	20	37	1160	120
HA1313	0.4	J	Nat	CLAY			29		<0.3	47	<0.1			32		39	1.59		0.9				
HA1315	0.4	J	MG	SILT			13		<0.3	38	<0.1			32		40	1.60		0.4				
HA1318	0.1	J	MG	SILT			15	2.1	<0.3	46	<0.1	482	<5	58	440	45	1.65	<5	2.1	5	42	1060	73
HA1322	0.1	J	MG	SILT		Rail	14	1.7	<0.3	43	<0.1	554	<5	43	380	25	1.40	<5	3.2	5	43	1260	73
HA1322	0.4	J	MG	SILT		Rail	12		<0.3	43	<0.1			43		15	1.18		2.2				
HA1324	0.1	J	MG	SAND			8		<0.3	39	<0.1			31		62	1.79		0.7				
HA1324	0.8	J	Nat	CLAY			13		<0.3	72	<0.1			56		3	0.48		<0.3				
HA1325	0.1	J	MG	GRAVEL			5	0.5	<0.3	22	0.2	636	<5	23	490	14	1.15	<5	0.4	3	23	717	33
HA1329	0.1	J	MG	CLAY			10	2.1	<0.3	68	<0.1	763	<5	67	593	18	1.26	<5	0.7	6	23	1560	90
HA1329	0.4	J	MG	CLAY			10		<0.3	64	<0.1			60		11	1.04		<0.3				
HA1457	0.1	J	MG	CLAY			14	1.5	<0.3	51	0.3	1640	<5	44	958	59	1.77	6	0.5	10	29	1020	61
HA1457	0.4	J	MG	CLAY			18	2.1	<0.3	48	0.5	609	<5	44	985	210	2.32	7	0.8	19	30	1100	75
HA1483	0.1	P	Nat	SILT			12	3.7	<0.3	36	0.6	1020	<5	26	1420	86	1.93	<5	0.5	10	13	2420	62
HA1483	0.4	P	Nat	CLAY			12	3.2	<0.3	28	0.1	769	<5	19	863	25	1.40	<5	0.3	8	10	2020	49
HA1485	0.1	P	Nat	SILT			8		<0.3	24	<0.1			13		44	1.64		0.4				
HA1485	0.4	P	Nat	CLAY			7		<0.3	26	0.1			12		36	1.56		0.4				
HA1510	0.1	R	MG	SILT		Agriculture	7		<0.3	20	<0.1			14		80	1.90		0.4				
HA1510	0.4	R	Nat	SILT		Agriculture	7		<0.3	20	0.1			14		47	1.67		0.4				
HA1512	0.1	R	Nat	SILT	weathered till	Agriculture	14		<0.3	33	0.3			14		60	1.78		0.3				
HA1512	0.4	R	Nat	SILT	weathered till	Agriculture	10		<0.3	30	0.2			15		36	1.56		0.3				
HA1514	0.1	R	Nat	SILT	weathered till	Agriculture	10		<0.3	29	0.2			15		36	1.56		0.3				
HA1639	0.1	A	MG	CLAY		Transformer	6	1.8	<0.3	36	<0.1	675	<5	25	602	9	0.95	<5	<0.3	4	38	1380	40
HA1639	0.4	A	MG	CLAY		Transformer	6	2	<0.3	33	<0.1	720	<5	23	609	10	1.00	<5	<0.3	5	34	1510	41
HA1640	0.1	E	MG	GRAVEL		Transformer	11	2	<0.3	53	0.3	673	<5	52	641	397	2.60	<5	<0.3	5	60	1070	62
HS1534	0.15	D	Nat	sandy silt												93	1.97						
HS1578	0.15	G	MG	gravelly CLAY	Unidentified white filamentous material											82	1.91						
HS1643	0.1	M	MG	SILT		Pesticides	11	0.9	<0.3	31	0.2	306	<5	16	380	76	1.88	<5	2.4	<2	8	852	48
HS1644	0.1	M	MG	SILT		Pesticides	15	0.8	0.4	25	0.4	249	<5	18	710	140	2.15	<5	0.5	9	11	797	51
PPG BH04	1	A					7		<0.3	27	0.3			29		40	1.60		0.4				
PPG BH06	0.2	J					19		<0.3	47	1.1	440	<4	74	930	687	2.84		0.9		60		
PPG BH06	0.2	J					23		<0.3	45	0.4	300	<4	63	540	471	2.67		1.9		93		
PPG BH06	1	J					4		<0.3	56	0.3			56		42	1.62		<0.3				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PPG BH07	1	J					8		<0.3	55	0.3			45		11	1.04		<0.3				
PPG BH08	1	M					12		<0.3	44	0.5		<4	45	620	29	1.46		0.5		30		
PPG BH09	1	G					8		<0.3	51	0.6			54		190	2.28		0.4				
PPG TPL	0.5	D					3		<0.3	14	0.2	220	<4	14	190	46	1.66		<0.3		7		
TP1001	0.3	A	MG	SILT		Acid AST	8	5.1	<0.3	22	<0.1	1360	<5	15	1200	56	1.75	<5	0.4	13	12	3650	80
TP1002	0.1	A	Nat	SILT			8		<0.3	21	<0.1			12		46	1.66		0.4				
TP1002	0.3	A	Nat	SILT			6		<0.3	22	0.2			12		14	1.15		0.4				
TP1003	0.2	A	Nat	topsoil			9	2.8	<0.3	21	<0.1	426	<5	15	508	75	1.88	<5	0.3	19	9	1960	57
TP1003	0.6	A	Nat	gravelly clay till			5	1.3	<0.3	27	0.1	384	<5	21	580	<3	0.48	<5	<0.3	3	14	954	38
TP1004	0.3	A	Nat	topsoil			15		<0.3	29	<0.1			18		83	1.92		<0.3				
TP1004	0.7	A	Nat	gravel till			6		<0.3	22	0.2			15		7	0.85		<0.3				
TP1005	0.1	A	MG	SILT		Acid AST	5	2.5	<0.3	23	<0.1	479	<5	21	500	61	1.79	<5	<0.3	7	21	1630	54
TP1006	0.1	A	MG	SILT		Rail	14		2.7	31	<0.1			37		120	2.08		<0.3				
TP1007	0.1	A	MG	SILT			7		<0.3	28	<0.1			21		100	2.00		<0.3				
TP1007	0.6	A	Nat	SAND			4		<0.3	17	0.2			10		12	1.08		<0.3				
TP1008	0.05	A	MG	topsoil			10	14.8	0.6	30	<0.1	890	<5	24	945	12	1.08	<5	<0.3	34	140	10700	150
TP1008	0.5	A	MG	brown firm silt			6	3	<0.3	26	0.1	429	<5	19	490	18	1.26	<5	0.3	7	15	2170	56
TP1009	0.3	A	MG	SAND	concrete metal ash		3		<0.3	17	<0.1			17		83	1.92		<0.3				
TP1009	0.5	A	MG	SAND	concrete metal ash		7		<0.3	24	<0.1			24		498	2.70		0.3				
TP1010	0.1	A	MG	SILT		NG spill	8		<0.3	29	<0.1			23		68	1.83		<0.3				
TP1010	1	A	MG	SILT		NG spill	15		<0.3	34	<0.1			26		51	1.71		0.3				
TP1011	0.6	A	MG	gravelly clay till		Substation	6		<0.3	31	<0.1			21		6	0.78		<0.3				
TP1012	0.3	A	MG	SILT/CLAY		NG pond	11		<0.3	56	<0.1			40		59	1.77		0.3				
TP1012	1	A	Nat	SAND		NG pond	8		<0.3	42	<0.1			35		4	0.60		<0.3				
TP1013	0.3	A	MG	GRAVEL	brick, rubble	NG spill. Rail	5	1.9	<0.3	21	0.2	426	<5	24	560	100	2.00	<5	<0.3	5	47	1300	46
TP1013	1	A	Nat	SAND		NG spill. Rail	3	1.6	<0.3	15	<0.1	437	<5	13	562	5	0.70	<5	<0.3	4	27	1080	28
TP1014	0.25	A	MG	GRAVEL	ash type 1		6		<0.3	31	0.2			44		40	1.60		0.4				
TP1014	0.5	A	MG	GRAVEL			9		<0.3	62	0.2			56		<3	0.48		0.6				
TP1015	0.1	A	MG	SILT			5		<0.3	23	<0.1			19		62	1.79		0.4				
TP1016	0.1	A	MG	SILT		NG pond	11	2.4	<0.3	36	0.2	501	<5	22	862	180	2.26	<5	0.5	6	19	1550	60
TP1016	1	A	Nat	friable SILT		NG pond	17	1.4	0.6	31	0.4	140	<5	18	616	<3	0.48	<5	2.6	3	33	896	79
TP1017	0.2	A	MG	SILT			8		2.1	32	0.7			24		84	1.92		0.3				
TP1018	0.2	A	MG	sandy SILT			6		9.5	22	<0.1			16		42	1.62		<0.3				
TP1019	0.2	A	MG	SILT/CLAY		EA AST	6		1.2	36	<0.1			26		9	0.95		<0.3				
TP1020	0.3	A	MG	brown clay	reworked bits wood	Near Pb development + d/s of 2 ethyl acetate ASTs	10	1.4	<0.3	47	<0.1	375	<5	35	610	10	1.00	<5	<0.3	4	24	990	47
TP1020	0.5	A	MG	as above	& dark organic material	Near Pb development + d/s of 2 ethyl acetate ASTs	6	1.3	<0.3	38	<0.1	343	<5	31	559	7	0.85	<5	<0.3	3	25	968	43
TP1021	0.3	A	MG	CLAY		EA AST. Substation	6	1.7	0.5	31	<0.1	540	<5	21	525	5	0.70	<5	<0.3	4	29	1110	40
TP1021	0.5	A	MG	CLAY		EA AST. Substation	11	1.7	1	50	<0.1	873	<5	42	752	14	1.15	<5	1	2	68	938	58
TP1022	0.3	A	MG	GRAVEL	blaes, brick		11	1.6	0.5	53	<0.1	859	<5	43	744	14	1.15	<5	1	3	68	929	59
TP1022	1	A	MG	sandy SILT			4	1.5	0.6	30	<0.1	349	<5	23	643	3	0.48	<5	<0.3	3	25	1060	44
TP1023	0.2	A	MG	SILT	blaes		10	1.9	0.9	64	0.1	600	<5	43	603	24	1.38	<5	0.6	4	37	1270	59

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1023	1	A	MG	GRAVEL	blaes		6	2.1	0.4	34	<0.1	379	<5	26	523	10	1.00	<5	<0.3	5	28	1370	49
TP1024	0.1	A	MG	SILT			9		0.4	38	0.2			31		43	1.63		<0.3				
TP1024	0.6	A	MG	CLAY			7		<0.3	35	<0.1			25		<3	0.48		<0.3				
TP1025	0.1	B	MG	sandy clay	clinker	Metal salts	15	1	2.8	38	0.7	434	<5	26	976	65700	4.82	250	2.8	59	45	631	43
TP1025	0.3	B	MG	sandy clay	clinker	Metal salts	10	1.4	<0.3	46	0.2	404	<5	36	617	2150	3.33	<5	0.5	5	24	896	76
TP1056	0.1	D	MG	sandy SILT		Lab	10	1.2	<0.3	22	0.6	670	<5	30	1530	1060	3.03	<5	0.6	6	30	1530	51
TP1056	0.7	D	Nat	sandy CLAY		Lab	5		<0.3	25	<0.1			26		<3	0.48		<0.3				
TP1057	0.1	D	MG	ASH			13	1.5	<0.3	18	0.4	218	<5	26	1380	74	1.87	<5	0.5	4	43	687	41
TP1058	0.3	D	MG	sandy SILT			27	1.2	<0.3	30	0.6	712	<5	21	1410	94	1.97	<5	0.8	12	18	2450	68
TP1059	0.3	D	MG	sandy SILT			7		<0.3	18	0.4			13		23	1.36		0.4				
TP1059	0.85	D	MG	silty SAND			6	0.6	<0.3	16	0.1	420	<5	15	938	9	0.95	<5	0.3	<2	10	2600	47
TP1060	0.1	D	MG	sandy SILT			3	0.2	<0.3	14	0.1	170	<5	10	480	9	0.95	<5	0.4	5	10	1060	19
TP1060	0.6	D	MG	gravelly SAND			14		<0.3	18	0.3			15		21	1.32		<0.3				
TP1061	0.3	D	MG	sandy SILT			6	1	<0.3	24	0.5	510	<5	27	694	7	0.85	<5	<0.3	<2	40	2090	76
TP1062	0.3	D	MG	sandy CLAY		Rail	5	0.5	<0.3	15	0.1	225	<5	13	460	17	1.23	<5	<0.3	<2	10	1390	34
TP1062	1	D	MG	sandy GRAVEL		Rail	11		<0.3	39	0.3			50		17	1.23		1.1				
TP1063	0.3	D	MG	sandy SILT		Dumrs	9	1.3	<0.3	21	0.4	455	<5	26	1000	110	2.04	<5	0.4	14	23	1650	53
TP1063	0.6	D	MG	sandy SILT		Dumrs	11	1.4	<0.3	21	0.4	541	<5	33	1360	70	1.85	<5	0.5	3	32	1540	54
TP1064	0.1	D	MG	sandy CLAY		Acid AST. Road, Pb Salts	12	1	<0.3	29	0.1	437	<5	26	551	43	1.63	<5	<0.3	<2	20	1610	53
TP1064	0.5	D	Pb sa	clayey SAND		Acid AST. Road	10	0.8	<0.3	19	0.3	430	<5	19	637	41	1.61	<5	0.4	9	15	2030	52
TP1065	0.1	D	MG	sandy GRAVEL		Acid AST	12	3	<0.3	28	2.3	364	<5	73	400	453	2.66	<5	1.8	4	57	1050	78
TP1065	0.5	D	MG	BLAES	TP filled with water at .3m	Acid AST	11	2.4	<0.3	82	0.7	914	<5	59	1170	250	2.40	<5	1.8	3	93	615	49
TP1066	0.1	D	MG	sandy SILT			26	1.3	<0.3	22	0.5	271	<5	19	1200	99	2.00	<5	0.6	4	9	1790	65
TP1066	0.3	D	MG	sandy SILT			20		<0.3	21	0.4			16		92	1.96		0.5				
TP1067	0.4	D	MG	gravelly SAND			8	0.9	<0.3	24	0.4	307	<5	16	620	23	1.36	<5	0.3	10	11	2440	55
TP1068	0.1	D	MG	sandy GRAVEL		Rail	26	11.5	1.5	27	0.3	859	8	150	470	328	2.52	<5	1	3	230	862	180
TP1068	0.3	D	MG	sandy GRAVEL		Rail	4		<0.3	14	<0.1			64		32	1.51		0.7				
TP1069	0.1	D	MG	SAND & GRAVEL			10	1.6	<0.3	30	0.7	522	<5	39	633	55	1.74	<5	0.8	4	36	1450	53
TP1069	0.7	D	Nat	sandy CLAY			7	0.8	<0.3	23	0.8	422	<5	27	470	20	1.30	<5	0.4	5	19	1160	38
TP1070	0.4	D	MG	BLAES		Acid AST. Rail	13	1.6	<0.3	41	0.8	1210	<5	44	1410	7	0.85	<5	3	3	84	450	42
TP1070	1	D	Nat	sandy CLAY		Acid AST. Rail	4	1.3	<0.3	38	0.8	221	<5	28	878	5	0.70	<5	0.8	<2	17	1360	47
TP1071	0.1	D	MG	sandy GRAVEL		Acid AST	10	0.9	<0.3	29	0.1	488	<5	31	505	130	2.11	<5	0.4	<2	170	1090	44
TP1071	0.3	D	Nat	clayey SAND		Acid AST	18	1.9	<0.3	24	0.4	370	<5	43	545	110	2.04	<5	1.2	5	65	683	49
TP1072	0.1	D	MG	sandy GRAVEL		Road	4		<0.3	16	0.1			12		9	0.95		<0.3				
TP1072	0.3	D	Nat	silty SAND		Road	10	2	<0.3	23	0.3	338	<5	37	731	65	1.81	<5	0.7	<2	71	1110	60
TP1073	0.3	D	MG	gravelly SAND		Acid AST	8	1.1	<0.3	23	0.3	312	<5	21	684	47	1.67	<5	0.3	11	12	2350	62
TP1073	0.7	D	Nat	sandy gravelly CLAY		Acid AST	4	0.5	<0.3	17	0.4	130	<5	14	310	9	0.95	<5	0.4	9	8	2060	43
TP1075	0.1	D	MG	sandy GRAVEL			8	2.3	<0.3	29	<0.1	336	<5	53	742	73	1.86	<5	<0.3	4	97	1060	69
TP1075	0.6	D	MG	sandy SILT			8		<0.3	16	<0.1			13		45	1.65		0.3				
TP1076	0.1	D	MG	sandy gravelly SILT			10	0.9	<0.3	28	0.7	444	<5	29	683	210	2.32	<5	<0.3	11	15	1630	48
TP1076	0.5	D	MG	sandy gravelly SILT			7		<0.3	20	0.8			19		29	1.46		0.4				
TP1077	0.3	D	MG	SILT			9		<0.3	23	<0.1			19		37	1.57		0.3				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1077	0.5	D	MG	SILT			7	0.8	<0.3	24	0.2	519	<5	21	559	21	1.32	<5	<0.3	<2	38	1420	41
TP1078	0.5	D	MG	clayey SAND		Fuel oil AST	4	1.1	<0.3	14	<0.1	100	<5	16	200	35	1.54	<5	<0.3	4	7	957	110
TP1078	1	D	MG	clayey SAND	strong diesel odour	Fuel oil AST	4	1.4	<0.3	27	0.2	150	<5	23	240	22	1.34	<5	0.3	<2	14	1040	130
TP1079	0.1	D	MG	sandy SILT			6	1	<0.3	19	0.2	488	<5	17	733	17	1.23	<5	<0.3	<2	68	2850	68
TP1079	0.3	D	MG	sandy SILT			7		<0.3	22	0.2			23		23	1.36		0.5				
TP1080	0.5	D	MG	gravelly SILT	brick and charcoal	Acid AST	8	0.9	<0.3	23	<0.1	418	<5	21	579	53	1.72	<5	0.4	57	16	2150	53
TP1081	0.3	D	MG	sandy GRAVEL		Rail	14	2.9	<0.3	28	0.4	646	10	52	696	94	1.97	<5	1.1	<2	93	623	58
TP1082	0.2	D	MG	sandy gravelly SILT		Acid AST	12	1.4	<0.3	39	24.2	582	<5	45	705	3230	3.51	<5	0.8	7	51	1660	60
TP1082	0.5	D	Nat	sandy gravelly SILT	Possible asbestos	Acid AST	11	1.3	<0.3	37	0.4	261	<5	24	1050	59	1.77	<5	1	<2	16	2220	75
TP1083	0.5	D	MG	concrete and rubble	blaes and brick	Fuel oil AST	2	1.3	<0.3	21	0.2	74	<5	14	290	<3	0.48	<5	<0.3	3	5	672	140
TP1084	0.4	G	MG	GRAVEL	blaes and brick frags		10	1.7	<0.3	41	0.2	506	<5	52	430	67	1.83	<5	<0.3	5	57	671	50
TP1084	0.8	G	MG	gravelly SILT/CLAY	blue pipe at .7m		4	0.6	<0.3	33	0.2	496	<5	28	522	<3	0.48	<5	<0.3	<2	41	861	37
TP1085	0.2	D	MG	GRAVEL	blaes and brick frags	Acid AST	16	1.1	<0.3	38	0.2	775	<5	54	460	260	2.41	9	0.5	7	41	1320	40
TP1085	0.5	D	MG	GRAVEL	blaes and brick frags	Acid AST	9	0.9	<0.3	39	0.2	387	<5	25	623	57	1.76	<5	<0.3	6	18	2700	49
TP1086	0.1	D	MG	type 1	brick		8	1.1	<0.3	46	0.2	506	<5	42	695	9	0.95	<5	<0.3	4	27	980	48
TP1086	0.6	D	Nat	CLAY			5		<0.3	79	0.1			78		92	1.96		0.7				
TP1087	0.3	D	MG	silty SAND			13	0.3	<0.3	14	0.2	150	<5	20	250	12	1.08	<5	<0.3	<2	6	502	21
TP1087	0.7	D	Nat	sandy SILT			11		<0.3	17	0.2			10		5	0.70		0.5				
TP1088	0.1	D	MG	sandy SILT		Road	10	1	<0.3	32	0.2	491	7	32	828	61	1.79	<5	0.4	6	42	1490	57
TP1088	0.5	D	MG	sandy GRAVEL		Road	9		<0.3	51	0.5			49		44	1.64		0.8				
TP1090	0.3	D	MG	SILT	glass bottle and rubber glove		10	1.2	<0.3	25	0.4	285	<5	19	889	55	1.74	<5	0.7	<2	27	2130	71
TP1091	0.1	D	MG	gravelly SILT			14	1.3	<0.3	29	0.2	284	<5	27	596	110	2.04	<5	0.9	4	19	1230	57
TP1092	0.3	D	MG	sandy gravelly mottled SILT/CLAY	orange staining		7	0.6	<0.3	23	0.3	203	<5	24	635	15	1.18	<5	<0.3	<2	12	1130	38
TP1093	0.1	M	MG	sandy SILT			17	1.5	<0.3	28	0.3	347	<5	31	1090	170	2.23	<5	<0.3	18	60	1080	52
TP1093	0.3	M	MG	sandy SILT			9		<0.3	21	0.3			20		41	1.61		0.5				
TP1094	0.1	D	MG	SILT			8	1	<0.3	31	0.2	237	<5	27	649	33	1.52	<5	0.4	<2	19	1010	45
TP1094	0.5	D	MG	SAND			3	0.7	<0.3	57	0.3	170	<5	28	574	8	0.90	<5	<0.3	<2	19	1150	40
TP1095	0.1	G	MG	gravelly SILT	clay pipe frags and bricks		6		<0.3	54	0.2			30		29	1.46		<0.3				
TP1095	0.5	G	MG	gravelly SILT	clay pipe frags and bricks		6	0.6	<0.3	23	0.3	278	<5	20	550	21	1.32	<5	0.3	<2	11	1560	39
TP1096	0.1	D	MG	SILT			7		<0.3	55	0.2			58		8	0.90		<0.3				
TP1096	1	D	Nat	CLAY			15	1.3	<0.3	34	0.2	425	<5	39	850	170	2.23	<5	0.8	9	23	1150	58
TP1097	0.3	D	MG	SILT			11		<0.3	31	0.6			37		63	1.80		0.7				
TP1097	0.6	D	Nat	SILT	pieces of soft wood		7	1.2	<0.3	160	0.2	330	<5	53	310	8	0.90	<5	0.4	5	20	1260	66
TP1098	0.1	D	MG	SILT			9	1.7	<0.3	26	0.4	304	<5	32	600	49	1.69	<5	0.5	3	27	852	53
TP1098	0.5	D	MG	CLAY			9		<0.3	39	0.2			33		23	1.36		0.4				
TP1099	0.1	D	Nat	SILT			7	0.8	<0.3	29	0.1	414	<5	28	570	37	1.57	<5	<0.3	<2	14	1420	44
TP1099	0.3	D	MG	SILT			8		<0.3	29	0.5			26		51	1.71		<0.3				
TP1100	0.3	D	MG	SILT	brick frags		20	1.7	<0.3	36	0.3	342	<5	26	1130	89	1.95	<5	0.9	4	18	1840	86
TP1100	1	D	Nat	SAND			6	1.2	<0.3	52	0.4	248	<5	42	580	10	1.00	<5	<0.3	<2	19	1210	55
TP1101	0.2	D	MG	SAND	metal frags	Rail	7	0.6	<0.3	22	0.2	337	<5	22	440	66	1.82	<5	0.3	4	14	912	33

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1102	0.1	D	MG	SILT	brick and blaes		15	1.4	<0.3	45	0.6	442	<5	37	786	84	1.92	<5	1	4	30	990	61
TP1102	1	D	Nat	SILT	strong hydrocarbon/solvent odour		6		<0.3	42	0.3			24		15	1.18		<0.3				
TP1103	0.1	D	MG	SILT	brick and blaes		11	1.1	<0.3	32	0.3	389	<5	33	909	130	2.11	<5	0.7	9	48	1010	53
TP1103	0.3	D	MG	SILT	brick and blaes		7		<0.3	31	0.2			24		25	1.40		<0.3				
TP1104	0.1	D	MG	GRAVEL	ash brick and blaes	Rail	10	2.3	<0.3	70	0.3	1460	<5	65	1180	10	1.00	<5	0.8	<2	89	390	62
TP1104	0.3	D	MG	GRAVEL	ash brick and blaes	Rail	10		<0.3	75	0.2			70		<3	0.48		0.8				
TP1105	0.1	D	MG	SILT			33	1.6	0.5	37	0.4	283	<5	25	871	88	1.94	<5	0.7	9	20	1080	85
TP1105	0.6	D	Nat	SILT			10		<0.3	24	0.2			19		5	0.70		<0.3				
TP1106	0.1	D	MG	GRAVEL	brick and blaes	Rail	10	1.9	<0.3	52	0.1	1990	<5	51	1170	72	1.86	<5	0.9	33	81	450	54
TP1106	0.3	D	MG	GRAVEL	brick and blaes	Rail	17		<0.3	48	<0.1			50		9	0.95		0.9				
TP1107	0.1	D	MG	SILT			16		<0.3	26	0.1			20		41	1.61		1.2				
TP1107	0.5	D	MG	SAND			14	1.6	0.5	35	0.5	567	<5	39	739	302	2.48	<5	0.3	9	28	956	64
TP1109	0.1	D	MG	SILT		NC lagoon	12		<0.3	33	0.2			33		82	1.91		0.6				
TP1109	0.3	D	MG	SILT		NC lagoon	12		<0.3	32	0.2			33		100	2.00		0.5				
TP1110	0.1	D	MG	SILT	brick and blaes	NC lagoon	13	0.9	<0.3	24	0.2	279	<5	22	948	53	1.72	<5	0.5	3	13	1190	54
TP1110	0.3	D	MG	SILT	brick and blaes	NC lagoon	10		<0.3	20	<0.1			16		36	1.56		<0.3				
TP1111	0.1	D	MG	type 1			12	1.2	<0.3	41	<0.1	695	<5	42	818	7	0.85	<5	<0.3	<2	41	2590	72
TP1111	0.5	D	MG	GRAVEL	slight hydrocarbon odour		8		<0.3	30	<0.1			31		17	1.23		<0.3				
TP1112	0.1	D	MG	SILT			12	1.2	<0.3	27	0.2	268	<5	26	751	85	1.93	<5	0.5	<2	16	1440	55
TP1112	0.5	D	MG	SILT			7		<0.3	27	<0.1			25		7	0.85		<0.3				
TP1113	0.1	D	MG	SILT	blaes, brick, tile		12	1.7	<0.3	32	0.1	252	<5	28	668	91	1.96	<5	0.7	4	17	1190	65
TP1113	0.5	D	Nat	CLAY			10		<0.3	60	<0.1			55		8	0.90		<0.3				
TP1114	0.1	D	MG	SILT			8		<0.3	30	0.2			45		22	1.34		<0.3				
TP1114	0.3	D	MG	SILT			11		<0.3	26	0.2			30		46	1.66		0.4				
TP1115	0.1	D	MG	SILT	brick, blaes, charcoal		21	1.7	0.4	46	0.2	340	<5	28	848	120	2.08	<5	0.6	12	18	1310	82
TP1115	0.5	D	MG	SILT			13		<0.3	38	<0.1			24		51	1.71		0.4				
TP1116	0.1	D	MG	SILT	blaes, brick, tile, glass	Rail	16		<0.3	24	0.2			15		56	1.75		0.7				
TP1116	0.5	D	MG	SILT		Rail	13		<0.3	32	0.2			23		38	1.58		0.6				
TP1117	0.1	D	MG	SILT	brick and blaes	NC lagoon	10	1.4	<0.3	47	0.1	424	<5	38	635	30	1.48	<5	0.4	4	18	1040	59
TP1117	0.3	D	MG	SILT	brick and blaes	NC lagoon	13		<0.3	35	0.1			29		39	1.59		0.5				
TP1118	0.1	D	MG	SILT		Rail	6		<0.3	32	0.9			28		29	1.46		<0.3				
TP1118	0.3	D	MG	SILT		Rail	6		<0.3	25	<0.1			22		13	1.11		<0.3				
TP1119	0.1	D	MG	GRAVEL	ash	Burning ground	23	3.1	0.7	83	<0.1	675	6	110	803	7570	3.88	130	1.5	48	260	1250	80
TP1119	0.3	D	MG	GRAVEL	ash	Burning ground	26	2.9	1	98	0.2	739	9	110	830	5840	3.77	120	2.3	100	200	960	66
TP1119	1	D	Nat	CLAY		Burning ground	6	1.6	<0.3	52	0.2	544	<5	44	680	22	1.34	<5	0.3	4	25	1020	63
TP1120	0.1	D	MG	SILT	type 1		6		<0.3	27	0.1			31		69	1.84		0.3				
TP1120	0.3	D	MG	SILT	type 2		14	1.1	<0.3	36	0.2	359	<5	28	840	57	1.76	<5	0.6	<2	14	1200	51
TP1121	0.3	D	MG	SILT			9		<0.3	27	<0.1			26		92	1.96		0.3				
TP1122	0.1	M	MG	SILT		Road	9		<0.3	30	<0.1			32		170	2.23		0.6				
TP1122	0.3	M	Nat	SILT		Road	11	0.8	<0.3	27	1.3	280	<5	21	504	26	1.41	<5	<0.3	6	17	1380	51
TP1123	0.1	D	MG	GRAVEL	ash brick asphalt white asb cement metal	Burning ground	9	0.7	0.7	33	0.1	300	<5	32	290	9720	3.99	170	1.9	27	96	460	38

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1123	0.5	D	MG	GRAVEL	ash brick asphalt white asb cement metal	Burning ground	12	1.2	0.5	39	<0.1	936	<5	36	666	2340	3.37	59	1	26	160	870	63
TP1123	1	D	Nat	SILT		Burning ground	8	1.2	<0.3	39	0.4	401	<5	34	603	13	1.11	<5	<0.3	6	18	1390	53
TP1124	0.1	D	MG	SILT	blaes, brick, tile		16	2.7	<0.3	36	0.3	338	<5	47	830	200	2.30	<5	0.5	27	26	1040	81
TP1124	0.3	D	MG	SILT	blaes, brick, tile		15	2.5	<0.3	37	0.3	341	<5	48	781	190	2.28	<5	0.6	15	28	1040	81
TP1125	0.1	D	MG	SILT	<Null>		15	1.2	<0.3	26	0.1	289	<5	27	658	78	1.89	<5	0.5	7	23	748	48
TP1125	0.3	D	MG	SILT			14		<0.3	27	1			33		76	1.88		<0.3				
TP1126	0.1	D	MG	GRAVEL	brick asb fibreglass wool metal ash		13		<0.3	36	0.8			27		160	2.20		<0.3				
TP1126	0.5	D	MG	GRAVEL	brick asb fibreglass wool metal ash		16		0.5	58	0.2			88		230	2.36		0.3				
TP1127	0.3	D	MG	SILT	blaes, brick, tile		11	1	<0.3	30	<0.1	447	<5	25	770	76	1.88	<5	<0.3	6	20	1500	66
TP1127	0.5	D	Nat	SAND			6	0.5	<0.3	22	<0.1	272	<5	17	500	24	1.38	<5	0.4	7	13	1610	39
TP1128	0.1	E	MG	clay			10	2.5	<0.3	30	0.2	606	<5	31	815	72	1.86	<5	0.6	7	53	1610	73
TP1128	0.7	E	MG	clinker			7	1.9	<0.3	56	<0.1	579	<5	48	605	11	1.04	<5	<0.3	4	34	1200	78
TP1129	0.1	E	MG	silt	clinker		9	2	<0.3	40	0.1	523	<5	38	911	110	2.04	<5	0.8	6	36	1290	81
TP1129	0.9	E	MG	silt			7	1.9	<0.3	42	<0.1	721	<5	37	850	19	1.28	<5	0.3	4	27	1210	70
TP1130	0.1	E	MG	GRAVEL	type 1		13	3.1	<0.3	34	0.2	1470	<5	42	1210	13	1.11	<5	0.7	7	81	2210	38
TP1130	0.5	E	MG	GRAVEL	blaes		14	2.2	<0.3	52	0.1	707	<5	49	974	7	0.85	<5	1.1	5	110	1340	67
TP1131	0.1	E	MG	clay	clinker, asb, white crystals		12	1.4	<0.3	45	<0.1	444	<5	43	699	140	2.15	<5	0.6	7	29	971	51
TP1131	0.45	E	MG	clay	clinker, asb, white crystals		10	1.6	<0.3	54	0.1	487	<5	47	573	33	1.52	<5	<0.3	4	27	1090	53
TP1132	0.1	E	MG	silt	clinker	WP area	6	1.9	<0.3	49	0.8	484	<5	42	706	30	1.48	<5	0.6	6	44	1340	80
TP1132	1	E	Nat	silt		WP area	6	2	<0.3	48	<0.1	1430	<5	37	804	8	0.90	<5	<0.3	5	27	1270	73
TP1133	0.1	E	MG	clinker		WP area	17	1.3	0.3	63	0.3	462	<5	59	4430	364	2.56	8	2.2	36	100	785	42
TP1133	0.4	E	MG	clinker		WP area	9	1.4	<0.3	27	<0.1	245	<5	46	980	160	2.20	<5	3.3	3	75	790	45
TP1135	0.3	E	MG	SILT	brick blaes tile		9		<0.3	81	<0.1			63		76	1.88		0.5				
TP1135	0.5	E	MG	SILT	brick blaes tile		8		<0.3	57	<0.1			44		24	1.38		0.3				
TP1136	0.1	E	MG	clinker	asb.	NC lagoon	8	4.7	<0.3	27	1.4	268	<5	90	776	418	2.62	<5	0.8	34	260	920	95
TP1136	0.4	E	MG	clinker	asb.	NC lagoon	18	3	<0.3	52	1.8	1270	5	73	733	1820	3.26	<5	1.2	16	190	1150	110
TP1137	0.45	E	MG	sandy silt			8		<0.3	51	<0.1			37		10	1.00		0.4				
TP1138	0.1	E	MG	SILT	brick blaes tile glass	Fuel AST. Rail	17		1	50	0.4			49		94	1.97		1.4				
TP1138	0.5	E	MG	SILT		Fuel AST. Rail	12		<0.3	47	<0.1			38		37	1.57		0.3				
TP1139	0.1	E	MG	SILT		NC lagoon	10		<0.3	46	<0.1			31		82	1.91		0.5				
TP1139	0.3	E	MG	SILT		NC lagoon	10		<0.3	52	<0.1			45		11	1.04		<0.3				
TP1140	0.3	E	MG	SILT			10		<0.3	52	0.5			51		240	2.38		0.5				
TP1140	0.5	E	Nat	SILT/CLAY			11		<0.3	48	0.4			46		160	2.20		0.5				
TP1173	0.5	G	MG	SILT	brick blaes		6		<0.3	28	<0.1			22		17	1.23		<0.3				
TP1173	1	G	MG	SILT			6		<0.3	28	<0.1			22		16	1.20		<0.3				
TP1174	0.1	G	MG	GRAVEL	type 1, brick	Rail	7	1.6	<0.3	30	<0.1	374	<5	27	605	42	1.62	6	0.5	13	23	1040	39
TP1174	0.5	G	MG	GRAVEL	type 1, brick	Rail	7	1.9	<0.3	26	<0.1	460	<5	20	591	13	1.11	<5	<0.3	4	31	1210	34
TP1175	0.1	G	MG	SILT	brick blaes and concrete		9	2.5	<0.3	28	<0.1	556	<5	24	670	34	1.53	<5	<0.3	7	16	1670	52
TP1175	0.3	G	MG	SILT	brick blaes and concrete		7	1.7	<0.3	27	<0.1	565	<5	22	505	49	1.69	<5	0.3	5	45	1280	40
TP1176	0.1	G	MG	SILT			6		<0.3	27	<0.1			21		31	1.49		<0.3				
TP1176	0.3	G	MG	SILT			7		<0.3	26	<0.1			22		18	1.26		<0.3				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1177	0.1	G	MG	SILT		Rail	10		<0.3	33	<0.1			46		36	1.56		1.1				
TP1177	0.3	G	MG	GRAVEL	ash	Rail	8		<0.3	37	<0.1			43		34	1.53		0.8				
TP1178	0.5	G	MG	SILT	bricks, rubble, tile	Rail	8	1.5	<0.3	31	<0.1	329	<5	24	592	22	1.34	<5	0.3	4	19	1150	45
TP1179	0.1	G	MG	SILT	blaes, brick, rubble		11	2	<0.3	39	<0.1	648	<5	34	629	39	1.59	<5	0.6	5	22	1420	63
TP1179	0.5	G	MG	SILT	blaes, brick, rubble		11	1.6	<0.3	36	<0.1	537	<5	31	552	46	1.66	<5	0.5	4	27	1190	51
TP1180	0.3	G	MG	GRAVEL	type 1	Drum store. Rail	11		<0.3	39	<0.1			89		<3	0.48		<0.3				
TP1180	0.5	G	MG	CLAY		Drum store. Rail	11		<0.3	37	<0.1			27		16	1.20		0.4				
TP1181	0.2	G	MG	SILT		Rail	12		<0.3	43	<0.1			33		45	1.65		0.4				
TP1181	0.5	G	MG	SILT/CLAY		Rail	6		<0.3	50	0.1			36		10	1.00		<0.3				
TP1182	0.3	G	MG	GRAVEL	ash	MG Small tip	5	2	<0.3	15	0.1	61	<5	54	320	32	1.51	<5	1.2	<2	95	558	44
TP1182	0.5	G	MG	GRAVEL	ash	MG Small tip	6	1.7	<0.3	22	<0.1	170	<5	48	380	20	1.30	<5	0.9	3	64	809	50
TP1183	0.1	G	MG	sandy clay	clinker	Rail	11		<0.3	32	<0.1			31		110	2.04		0.4				
TP1183	0.8	G	MG	sandy silt		Rail	8		<0.3	47	<0.1			36		34	1.53		0.7				
TP1184	0.2	G	MG	SILT	blaes, glass, tile, charcoal		9	1.8	<0.3	42	<0.1	644	<5	33	614	39	1.59	<5	0.3	5	20	1320	57
TP1184	0.5	G	MG	SILT			7		<0.3	36	<0.1			29		21	1.32		<0.3				
TP1185	0.15	G	MG	shale	clinker	Rail	14		<0.3	48	<0.1			48		13	1.11		<0.3				
TP1185	0.35	G	Nat	sandy clay		Rail	7		<0.3	31	0.2			23		<3	0.48		0.3				
TP1186	0.2	G	MG	GRAVEL	blaes wire tile		9		<0.3	48	<0.1			33		72	1.86		<0.3				
TP1186	0.5	G	MG	SILT/CLAY			6		<0.3	87	0.1			61		5	0.70		<0.3				
TP1187	0.1	G	MG	SILT		Road	9	1.2	<0.3	29	<0.1	572	<5	30	613	130	2.11	<5	0.9	4	25	909	49
TP1187	0.3	G	MG	SILT		Road	9		<0.3	23	<0.1			20		60	1.78		0.6				
TP1188	0.1	M	MG	GRAVEL	ash		6	7.2	<0.3	22	0.3	190	<5	72	548	53	1.72	<5	1.3	3	150	776	140
TP1188	0.5	M	MG	SILT			17	4	<0.3	30	<0.1	365	<5	52	1610	230	2.36	<5	1	25	84	913	140
TP1189	0.1	G	MG	SILT			13	2	<0.3	36	0.2	495	<5	29	839	51	1.71	<5	0.5	5	25	1210	61
TP1189	0.6	G	Nat	SILT			12		<0.3	47	<0.1			40		5	0.70		<0.3				
TP1190	0.1	G	MG	SILT	brick, blaes		9	1.3	<0.3	40	0.2	294	<5	32	740	110	2.04	<5	0.5	12	22	891	67
TP1190	0.3	G	MG	SILT			9		<0.3	38	0.2			27		509	2.71		0.4				
TP1191	0.3	M	MG	GRAVEL	ash		14	1.3	<0.3	40	<0.1	548	<5	41	628	53	1.72	<5	0.7	4	30	1020	57
TP1191	0.5	M	MG	SILT			9	0.8	<0.3	45	<0.1	477	<5	39	685	8	0.90	<5	<0.3	5	29	1350	54
TP1192	0.1	G	MG	sandy clay	clinker	Rail	9		<0.3	62	<0.1			36		61	1.79		0.9				
TP1192	0.6	G	MG	sandy silt		Rail	11		<0.3	45	<0.1			32		37	1.57		<0.3				
TP1193	0.3	G	MG	GRAVEL		Road	13	2.1	<0.3	71	<0.1	1300	<5	61	1120	<3	0.48	<5	<0.3	<2	80	300	64
TP1195	0.1	G	MG	sandy clay	clinker		12	2.1	<0.3	32	<0.1	462	<5	41	527	47	1.67	<5	<0.3	21	41	1360	44
TP1195	0.3	G	MG	clayey sand			8	2.1	<0.3	41	<0.1	611	<5	34	619	14	1.15	<5	<0.3	5	26	1340	49
TP1196	0.3	G		sandy clay		IMS	7		<0.3	36	<0.1			27		4	0.60		<0.3				
TP1196	0.5	G		sandy clay		IMS	8		<0.3	39	<0.1			26		4	0.60		0.4				
TP1197	0.3	G	MG	SILT			14	2.6	<0.3	45	0.7	398	<5	43	701	220	2.34	<5	0.8	26	30	878	89
TP1197	0.5	G	Nat	CLAY			8		<0.3	51	<0.1			39		14	1.15		<0.3				
TP1198	0.1	G	MG	SILT			8		<0.3	29	<0.1			24		50	1.70		<0.3				
TP1198	0.3	G	Nat	SILT			8		<0.3	30	<0.1			26		24	1.38		<0.3				
TP1199	0.1	G	MG	CLAY			10		<0.3	34	<0.1			31		31	1.49		0.5				
TP1199	0.3	G	MG	CLAY			8		<0.3	36	0.2			30		13	1.11		<0.3				
TP1199	0.7	G	MG	SAND			5		<0.3	39	<0.1			34		10	1.00		<0.3				
TP1200	0.1	G	MG	clinker	clinker		7	2	<0.3	32	0.2	486	<5	61	768	730	2.86	<5	0.9	38	92	1220	48
TP1201	0.1	G	MG	SILT			11		<0.3	53	0.1			42		27	1.43		0.3				
TP1201	0.3	G	MG	SILT			18		0.3	41	0.5			43		230	2.36		0.6				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1202	0.1	G	MG	SILT			12		<0.3	43	0.3			53		1090	3.04		0.6				
TP1202	0.6	G	Nat	CLAY			10		<0.3	53	0.2			50		92	1.96		0.6				
TP1203	0.15	G	MG	clinker	clinker	Rail	35	1.6	<0.3	50	<0.1	270	<5	51	240	14	1.15	<5	<0.3	3	75	761	52
TP1203	0.5	G	MG	sandy clay		Rail	7	1.3	<0.3	32	<0.1	349	<5	23	460	3	0.48	<5	<0.3	3	23	887	32
TP1204	0.1	G	MG	SILT		Rail	8	2.8	<0.3	56	<0.1	512	<5	49	577	11	1.04	<5	<0.3	8	23	1910	78
TP1204	0.5	G	MG	SILT		Rail	9	1.5	<0.3	48	<0.1	696	<5	43	580	4	0.60	<5	<0.3	4	22	995	58
TP1205	0.3	G	MG	GRAVEL	type 1 concrete frags	Rail	7		<0.3	31	<0.1			18		12	1.08		<0.3				
TP1206	0.1	G	MG	sandy clay			11		<0.3	32	<0.1			26		66	1.82		0.9				
TP1206	0.3	G	MG	sandy clay	clinker		14		<0.3	34	0.2			27		17	1.23		0.4				
TP1207	0.1	G	MG	SILT			9	1.4	<0.3	43	0.2	332	<5	31	624	59	1.77	<5	0.4	3	17	934	54
TP1207	0.6	G	MG	SILT			8		<0.3	43	<0.1			30		29	1.46		0.4				
TP1208	0.1	G	MG	sandy clay		General store	16		<0.3	31	<0.1			37		910	2.96		1.3				
TP1208	0.35	G	MG	sandy silt		General store	12		<0.3	42	0.2			34		92	1.96		0.7				
TP1209	0.2	G	MG	SILT		Acetone AST. Rail	6		<0.3	30	<0.1			43		23	1.36		0.6				
TP1210	0.1	G	MG	GRAVEL	ash		11	5.3	0.4	26	<0.1	180	<5	82	574	87	1.94	<5	2.2	4	180	814	96
TP1210	0.3	G	MG	GRAVEL	ash		9	5.2	0.4	28	<0.1	205	<5	84	480	150	2.18	<5	1.7	4	180	867	100
TP1211	0.1	G	MG	GRAVEL	brick, concrete, wood		10		<0.3	39	<0.1			37		120	2.08		0.7				
TP1211	0.3	G	MG	GRAVEL			9		<0.3	36	<0.1			42		50	1.70		0.5				
TP1213	0.3	G	MG	SILT			14	1.4	<0.3	47	0.1	562	<5	37	550	39	1.59	<5	0.4	9	22	942	56
TP1214	0.1	G	MG	shale		Rail	27	1.2	<0.3	51	<0.1	213	<5	48	230	1710	3.23	<5	1.6	3	75	780	49
TP1215	0.1	G	MG	SILT			7	2.6	<0.3	31	<0.1	594	<5	27	575	10	1.00	<5	<0.3	8	13	1650	54
TP1215	0.45	G	MG	SILT			8		<0.3	34	<0.1			27		7	0.85		<0.3				
TP1216	0.3	G	MG	SILT			7		<0.3	34	<0.1			21		29	1.46		0.4				
TP1216	0.7	G	MG	GRAVEL	HC odour from wooden sleepers		5		<0.3	24	0.2			17		8	0.90		<0.3				
TP1217	0.1	G	MG	SILT			19		0.5	34	<0.1			38		15	1.18		0.8				
TP1217	0.5	G	MG	SILT			12	1.5	<0.3	49	<0.1	936	<5	51	675	17	1.23	<5	0.8	4	66	370	49
TP1218	0.5	G	MG	GRAVEL	concrete, brick HC odour	MG Poss brick field. Drum store	8		<0.3	33	<0.1			32		27	1.43		0.5				
TP1220	0.1	G	MG	SILT	rubble	Rail	7	1.4	<0.3	31	<0.1	580	<5	30	535	13	1.11	<5	<0.3	3	18	987	37
TP1220	0.5	G	MG	SILT	rubble	Rail	7	1.4	<0.3	33	<0.1	559	<5	30	545	7	0.85	<5	<0.3	3	36	984	36
TP1221	0.2	G	MG	GRAVEL	bleas concrete brick rubble	MG Poss brick field. Rail	10	1.7	<0.3	48	<0.1	1290	<5	54	926	21	1.32	<5	1.1	6	67	510	51
TP1221	1	G	MG	GRAVEL	bleas concrete brick rubble	MG Poss brick field. Rail	9	1.5	<0.3	34	<0.1	556	<5	37	606	32	1.51	5	0.4	10	56	1010	47
TP1222	0.1	I	MG	GRAVEL		Drum store	6		<0.3	21	<0.1			37		33	1.52		0.8				
TP1222	0.5	I	MG	GRAVEL	brick	Drum store	11		<0.3	36	<0.1			35		120	2.08		1				
TP1223	0.1	G	MG	SILT			13		<0.3	37	0.4			40		325	2.51		0.9				
TP1223	0.3	G	MG	SILT			12		<0.3	38	0.5			40		300	2.48		0.6				
TP1224	0.2	G	MG	SILT	propellant and white fibrous substance	Rail	9		<0.3	41	0.2			43		91	1.96		0.9				
TP1224	0.5	G	MG	GAVEL	blaes	Rail	14		<0.3	77	<0.1			73		<3	0.48		1.4				
TP1225	0.1	G	MG	SILT	charcoal frags		12	1.4	<0.3	49	<0.1	886	<5	42	558	22	1.34	<5	0.6	4	31	985	64
TP1225	0.5	G	Nat	SILT			11	1.6	<0.3	61	<0.1	774	<5	43	470	30	1.48	<5	0.4	5	33	1050	71
TP1226	0.25	G	MG	SILT	charcoal		7	1.8	<0.3	29	<0.1	535	<5	26	511	27	1.43	<5	<0.3	4	13	1170	42
TP1226	0.5	G	MG	SILT	charcoal		12	1.5	<0.3	37	0.4	396	<5	34	480	120	2.08	<5	0.5	6	21	982	63

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1227	0.2	G	MG	GRAVEL	type 1	Road	11		<0.3	36	0.1			27		35	1.54		0.5				
TP1228	0.1	G	MG	SILT			15	2.1	<0.3	43	0.6	321	<5	37	651	210	2.32	<5	0.8	15	26	962	110
TP1228	0.3	G	Nat	SILT			15	2.2	<0.3	44	0.6	333	<5	37	658	210	2.32	<5	0.7	15	28	1040	120
TP1229	0.25	G	MG	SILT		Rail	9		<0.3	29	<0.1			23		53	1.72		0.4				
TP1229	0.5	G	MG	SILT		Rail	13		<0.3	44	0.7			43		220	2.34		0.9				
TP1230	0.1	G	MG	SILT		Acetone AST	10		<0.3	41	0.3			40		97	1.99		0.6				
TP1230	0.3	G	MG	SILT		Acetone AST	10		<0.3	43	0.4			41		87	1.94		0.6				
TP1232	0.3	G	MG	SILT		Fuel UST. Rail	16	3.3	<0.3	47	0.9	313	<5	48	580	405	2.61	<5	0.9	18	43	724	110
TP1233	0.25	G	MG	SILT	brick, blaes	Rail	10		<0.3	43	0.3			29		59	1.77		0.4				
TP1233	0.5	G	Nat	CLAY		Rail	6		<0.3	43	<0.1			20		3	0.48		<0.3				
TP1234	0.1	G	MG	SILT			14		<0.3	43	0.9			33		200	2.30		0.6				
TP1234	0.6	G	Nat	CLAY			8		<0.3	49	<0.1			27		16	1.20		<0.3				
TP1235	0.1	G	MG	GRAVEL	ash		4		<0.3	15	<0.1			63		11	1.04		0.4				
TP1235	0.4	G	MG	SILT			13		<0.3	44	0.3			33		63	1.80		1.6				
TP1236	0.3	G	MG	SILT			20		<0.3	45	0.8			47		290	2.46		1.1				
TP1236	0.5	G	Nat	SILT			9		<0.3	29	<0.1			20		5	0.70		<0.3				
TP1237	0.3	G	MG	SAND			5	0.6	<0.3	16	0.1	254	<5	13	280	31	1.49	<5	<0.3	4	13	460	25
TP1237	0.5	G	Nat	SAND			6	3	<0.3	27	<0.1	226	<5	20	480	10	1.00	<5	<0.3	8	13	2060	49
TP1238	0.1	G	MG	SILT			20		0.7	33	0.9			62		842	2.93		<0.3				
TP1238	0.3	G	MG	SILT			16		<0.3	41	1.2			57		378	2.58		1.1				
TP1239	0.1	G	MG	SILT			9		<0.3	45	<0.1			55		100	2.00		0.9				
TP1239	0.5	G	MG	SILT			11		<0.3	47	0.2			44		100	2.00		1.4				
TP1240	0.1	G	MG	SILT		Rail	8	1.7	0.4	27	0.1	180	<5	42	558	61	1.79	<5	0.5	4	36	1120	73
TP1240	0.3	G	MG	SILT		Rail	8	1.6	<0.3	32	0.2	401	<5	33	569	62	1.79	<5	0.5	8	19	1030	53
TP1241	0.1	G	MG	SILT	blaes		20		<0.3	42	0.4			68		160	2.20		1.7				
TP1241	1	G	Nat	SILT			7		<0.3	38	<0.1			28		20	1.30		0.5				
TP1243	0.1	G	MG	SILT		Rail	9		<0.3	37	0.2			33		50	1.70		0.5				
TP1243	0.3	G	MG	SILT		Rail	15		<0.3	44	0.6			45		170	2.23		0.8				
TP1244	0.1	G	MG	GRAVEL	brick glass tile charcoal		21	3	<0.3	45	0.3	476	<5	55	704	140	2.15	<5	0.9	11	65	1970	110
TP1244	0.5	G	MG	GRAVEL	brick glass tile charcoal		8	1.9	<0.3	60	<0.1	339	<5	32	180	9	0.95	<5	<0.3	6	26	1240	73
TP1245	0.1	G	MG	SILT		Rail	16	3.4	0.4	49	0.8	413	<5	56	867	280	2.45	<5	1.9	36	42	966	87
TP1245	0.5	G	Nat	SILT		Rail	9	2.1	<0.3	49	<0.1	508	<5	40	548	15	1.18	<5	0.4	6	30	1340	65
TP1246	0.3	G	MG	SILT	asb sheet brick tile glass		7	1.4	<0.3	43	<0.1	560	<5	31	553	58	1.76	<5	0.4	4	22	946	56
TP1246	0.5	G	MG	SILT/CLAY	white fibrous, ash		10	1.6	<0.3	52	0.3	291	<5	38	507	230	2.36	<5	0.6	13	30	996	82
TP1247	0.5	G	MG	SILT			16		<0.3	54	<0.1			20		11	1.04		<0.3				
TP1248	0.1	I	MG	SILT		Road	9		0.4	33	<0.1			28		16	1.20		<0.3				
TP1248	0.5	I	Nat	SILT		Road	10		<0.3	39	0.1			26		75	1.88		0.9				
TP1249	0.1	G	MG	GRAVEL		Rail	15		<0.3	37	<0.1			83		140	2.15		2.2				
TP1250	0.1	G	MG	SILT			18		0.5	49	0.7			63		290	2.46		1				
TP1250	0.3	G	Nat	SILT			9		<0.3	45	<0.1			37		6	0.78		<0.3				
TP1251	0.3	G	Nat	SILT			13		<0.3	45	0.2			46		75	1.88		0.5				
TP1251	0.7	G	Nat	SILT			8		<0.3	51	<0.1			42		6	0.78		<0.3				
TP1252	0.1	I	Nat	SILT			12	1.4	<0.3	41	0.2	202	<5	25	994	73	1.86	<5	1.2	4	11	1110	89
TP1252	0.3	I	Nat	SILT			11		<0.3	43	0.2			25		58	1.76		0.8				
TP1253	0.1	G	MG	GRAVEL		Rail	9	3.2	<0.3	18	<0.1	385	<5	60	370	29	1.46	<5	2.2	3	84	808	72
TP1253	0.3	G	MG	GRAVEL		Rail	9	4.4	<0.3	32	0.6	984	<5	68	410	51	1.71	<5	1.5	5	110	1270	92

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1287	0.1	G	MG	sandy clay			11		<0.3	25	0.4			22		60	1.78		0.4				
TP1311	0.1	J	MG	SILT			22		<0.3	36	0.9			51		290	2.46		1.1				
TP1311	0.3	J	MG	SAND			7		<0.3	16	<0.1			10		10	1.00		<0.3				
TP1312	0.3	J	MG	SILT	brk tile china tile		12	2.8	<0.3	32	0.6	533	<5	63	790	140	2.15	<5	1.2	9	74	985	97
TP1314	0.3	J	MG	SILT	brk blaes tile glass charc		9	2.3	<0.3	74	0.1	957	<5	68	661	24	1.38	<5	0.4	6	25	1600	88
TP1316	0.1	J	MG	GRAVEL	ash	Rail	6	1.8	<0.3	24	<0.1	722	<5	74	512	23	1.36	<5	0.4	5	66	1270	75
TP1316	0.5	J	MG	SILT	asb brk blaes tile glass charc	Rail	5		<0.3	55	0.1			54		13	1.11		<0.3				
TP1317	0.3	J	MG	SILT	brick, blaes	Rail	8	2.1	<0.3	54	0.1	832	<5	54	744	69	1.84	<5	0.7	15	29	1460	97
TP1317	1	J	MG	SILT	brick, blaes	Rail	10		<0.3	56	<0.1			45		7	0.85		<0.3				
TP1319	0.1	J	MG	SILT			9	1.7	<0.3	36	0.3	389	<5	40	480	95	1.98	<5	0.6	8	26	885	88
TP1319	0.3	J	MG	SILT			15		<0.3	42	0.7			51		230	2.36		0.8				
TP1320	0.2	J	MG	SILT	brick, blaes	Rail	6	1.7	<0.3	41	<0.1	568	<5	44	534	16	1.20	<5	0.4	5	19	1210	69
TP1320	0.5	J	MG	SILT	brick, blaes	Rail	8	2	<0.3	51	<0.1	821	<5	55	548	11	1.04	<5	<0.3	5	20	1460	84
TP1323	0.3	J	MG	SILT			11		<0.3	41	0.2			28		90	1.95		0.9				
TP1323	0.5	J	Nat	SILT			10		<0.3	45	0.6			50		280	2.45		0.7				
TP1327	0.1	J	MG	GRAVEL	blaes	Rail	7	2	<0.3	29	<0.1	573	<5	33	490	13	1.11	<5	<0.3	5	24	1280	49
TP1327	0.3	J	MG	GRAVEL	blaes	Rail	6	1.5	<0.3	44	<0.1	396	<5	35	553	7	0.85	<5	<0.3	4	21	1020	53
TP1328	0.3	J	MG	SAND	no tub	Rail	21		<0.3	36	<0.1			61		130	2.11		0.5				
TP1328	0.5	J	MG	SILT		Rail	35		<0.3	41	<0.1			110		476	2.68		1.2				
TP1330	0.3	J	MG	GRAVEL	ash		13		<0.3	38	0.1			45		21	1.32		0.8				
TP1330	0.5	J	MG	SILT/CLAY	HC odour		7		<0.3	44	0.2			40		36	1.56		0.4				
TP1331	0.1	J	MG	GRAVEL	ash		18	3.5	<0.3	40	0.2	647	<5	92	1270	400	2.60	10	1	100	150	2330	110
TP1331	0.5	J	Nat	SILT			8	1.4	<0.3	54	<0.1	552	<5	62	470	6	0.78	<5	<0.3	8	28	972	62
TP1332	0.1	J	MG	RUBBLE	bricks and concrete spoil	Spent acid lagoon	9	1.5	<0.3	33	0.1	578	<5	29	782	200	2.30	<5	0.6	4	97	992	46
TP1332	0.5	J	MG	RUBBLE	bricks and concrete spoil	Spent acid lagoon	6	1.6	<0.3	30	<0.1	510	<5	30	708	528	2.72	<5	0.6	4	93	1100	45
TP1333	0.1	J	MG	SILT			66	2	1.4	34	<0.1	539	<5	45	754	170	2.23	<5	0.4	7	71	1280	77
TP1333	0.5	J	MG	RUBBLE	bricks, concrete		426	4.2	12	57	0.3	496	11	110	2000	515	2.71	13	5.3	12	170	642	90
TP1334	0.5	J	MG	GRAVEL	type 1 blaes		18		<0.3	40	<0.1			42		14	1.15		1.4				
TP1335	0.2	J	MG	SAND & GRAVEL			5	1.1	<0.3	22	<0.1	555	<5	21	554	38	1.58	<5	<0.3	3	180	929	39
TP1335	0.6	J	MG	GRAVEL			6	1.9	<0.3	55	<0.1	630	<5	64	771	3	0.48	<5	1.1	4	120	1400	71
TP1336	0.3	J	MG	SILT			7		<0.3	40	0.5			34		110	2.04		5.5				
TP1336	0.5	J	Nat	SILT			8		<0.3	49	0.2			47		60	1.78		0.8				
TP1337	0.3	J	MG	GRAVEL	ash type 1		8		<0.3	21	<0.1			40		60	1.78		0.8				
TP1337	1	J	Nat	SILT			10		<0.3	63	<0.1			61		4	0.60		<0.3				
TP1341	0.5	J	MG	SILT		Acid AST	10	1.5	<0.3	53	<0.1	1090	<5	45	896	14	1.15	<5	4.1	4	51	1020	67
TP1341	1	J	MG	SILT	visible and ofactory HC	Acid AST	8	1.6	<0.3	46	<0.1	416	<5	49	608	23	1.36	<5	0.5	5	29	1080	50
TP1342	0.5	J	MG	SILT	brick tile and charcoal		13		<0.3	52	0.8			61		250	2.40		0.8				
TP1342	1	J	MG	SILT	brick tile and charcoal		9		<0.3	56	<0.1			51		<3	0.48		<0.3				
TP1344	0.3	J	MG	SILT	brick blaes glass tile	Acid AST	13	2.9	<0.3	44	0.6	492	<5	52	913	290	2.46	<5	0.6	14	50	1170	95
TP1344	1	J	Nat	SILT	charcoal	Acid AST	7	1.6	<0.3	40	<0.1	739	<5	36	665	6	0.78	<5	<0.3	4	28	1250	48
TP1346	0.1	J	MG	sandy clay	clinker	Acid AST	13	1.8	<0.3	47	3.1	691	<5	48	793	2860	3.46	<5	1.8	5	120	857	66

Table A4.1 CDA - Metals and Non-metals


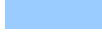
Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1346	0.8	J	MG	clay/silt	clinker	Acid AST	8	1.8	<0.3	69	0.1	319	<5	55	742	20	1.30	<5	0.9	5	32	1210	67
TP1347	0.5	J	MG	GRAVEL	ash	Fuel oil AST	8	1.8	<0.3	53	0.1	689	<5	50	674	61	1.79	<5	<0.3	5	40	1480	72
TP1352	0.1	J	MG	GRAVEL	ash		9	2.9	<0.3	38	2.8	562	<5	60	669	86	1.93	<5	1.2	4	150	856	86
TP1352	0.5	J	MG	SILT			12	2.7	<0.3	43	0.7	442	<5	49	991	190	2.28	<5	0.7	12	58	1420	100
TP1357	0.1	J	MG	GRAVEL	ash	MG Coal	8	3	<0.3	29	0.3	292	8	57	360	40	1.60	<5	0.7	2	100	617	71
TP1357	0.4	J	MG	GRAVEL	coal blaes	MG Coal	8	1.4	<0.3	15	<0.1	110	<5	24	230	40	1.60	<5	2.5	<2	54	380	38
TP1440	0.1	M	MG	GRAVEL		Rail	18		<0.3	49	<0.1			46		13	1.11		1				
TP1440	0.3	M	MG	SILT		Rail	5		<0.3	24	<0.1			27		6	0.78		<0.3				
TP1441	0.3	M	MG	GRAVEL	ash	Rail	12	2.7	0.4	61	0.3	489	5	87	526	150	2.18	<5	0.6	42	130	1580	77
TP1441	1	M	Nat	SILT		Rail	4		<0.3	42	<0.1			18		7	0.85		<0.3				
TP1442	0.3	M	MG	GRAVEL	type 1	Fuel oil AST	7	1.1	<0.3	16	<0.1	348	<5	28	587	24	1.38	<5	<0.3	5	240	1330	55
TP1443	0.1	M	MG	GRAVEL	ash, hydrocarbon odour		5	6.5	<0.3	41	0.1	248	<5	100	470	96	1.98	<5	0.9	4	180	998	110
TP1443	0.5	M	MG	GRAVEL	ash, hydrocarbon odour		7		<0.3	33	<0.1			21		28	1.45		<0.3				
TP1443	1	M	Nat	SAND			1		<0.3	20	<0.1			15		6	0.78		<0.3				
TP1444	0.4	M	MG	GRAVEL		Hydraulic oil AST	4		<0.3	47	<0.1			38		44	1.64		<0.3				
TP1444	0.5	M	MG	SAND		Hydraulic oil AST	10		<0.3	49	0.2			31		39	1.59		<0.3				
TP1446	0.3	M	MG	GRAVEL	blaes and brick	Rail	12		0.5	65	<0.1			63		5	0.70		0.8				
TP1446	0.5	M	MG	GRAVEL	blaes and brick	Rail	7	2	<0.3	59	<0.1	1230	<5	60	888	10	1.00	<5	0.8	2	81	390	67
TP1447	0.1	M	MG	GRAVEL	ash, strong hydrocarb odour		7	4	<0.3	28	1	201	<5	82	515	210	2.32	<5	0.9	5	180	1040	95
TP1447	0.5	M	MG	SILT/CLAY	strong hydrocarbon odour		10		<0.3	86	0.2			66		27	1.43		<0.3				
TP1448	0.1	M	MG	SILT	blaes brick tile glass charcoal		12		<0.3	32	1.8			36		110	2.04		3.2				
TP1448	0.3	M	MG	SILT	blaes brick tile glass charcoal		9	1.5	<0.3	32	0.4	447	<5	31	460	50	1.70	<5	0.5	4	19	940	59
TP1449	0.1	M	MG	SILT	blaes brick tile glass charcoal	Lab chem store	12	2.2	12	35	0.3	594	<5	39	594	110	2.04	<5	0.4	5	32	1350	84
TP1449	0.3	M	MG	SILT	blaes brick tile glass charcoal	Lab chem store	12		<0.3	39	<0.1			42		40	1.60		<0.3				
TP1450	0.3	M	MG	GRAVEL	ash	Scrap compound	4	1.9	<0.3	20	<0.1	374	<5	39	320	81	1.91	<5	0.4	4	64	1100	78
TP1450	0.5	M	MG	GRAVEL	ash	Scrap compound	8	1.7	<0.3	54	<0.1	269	<5	38	200	16	1.20	<5	0.3	4	25	1050	76
TP1452	0.1	M	MG	GRAVEL	ash and bricks	General store	6	2.3	<0.3	20	<0.1	140	<5	59	330	160	2.20	<5	1.2	5	73	1110	59
TP1452	0.5	M	Nat	CLAY		General store	31	2.7	0.4	41	0.9	505	<5	38	1480	512	2.71	<5	0.7	40	56	1170	99
TP1453	0.1	M	MG	GRAVEL	type 1 under tarmac	General store	8		<0.3	28	<0.1			82		33	1.52		<0.3				
TP1453	0.3	M	MG	GRAVEL	type 1 under tarmac	General store	5		<0.3	16	<0.1			64		31	1.49		0.6				
TP1453	0.5	M	MG	SAND		General store	4		<0.3	19	<0.1			68		210	2.32		<0.3				
TP1454	0.1	M	MG	GRAVEL	ash		16		<0.3	47	0.4			87		220	2.34		0.7				
TP1454	0.3	M	MG	GRAVEL	ash		16	3.6	<0.3	30	<0.1	334	<5	86	540	140	2.15	<5	1.5	15	130	903	77
TP1456	0.4	M	MG	GRAVEL	ash HC odour	MG Mineral working. Fuel UST	17		<0.3	41	0.8			42		180	2.26		0.6				

Table A4.1 CDA - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	As	Be	Cd	Cr	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1456	0.7	M	MG	CLAY	Strong HC odour	MG Mineral working. Fuel UST	10		<0.3	40	<0.1			43		24	1.38		0.4				
TP1458	0.3	M	MG	SILT	brick, blaes, tile, charcoal		13	2.4	<0.3	35	<0.1	652	<5	41	830	86	1.93	<5	0.7	7	33	1810	84
TP1459	0.2	M	MG	GRAVEL	ash	Burning ground	6	1.6	<0.3	24	<0.1	544	<5	22	460	6	0.78	<5	<0.3	4	15	1090	41
TP1459	0.5	M	MG	GRAVEL	ash	Burning ground	46	4.2	1.1	23	0.6	160	<5	69	809	734	2.87	<5	0.7	22	140	1110	91
TP1460	0.1	M	MG	GRAVEL	ash	Burning ground	5	7.5	0.3	21	0.1	278	<5	86	643	34	1.53	<5	0.9	4	180	915	150
TP1460	0.3	M	MG	GRAVEL	ash	Burning ground	7	4.6	<0.3	22	<0.1	392	<5	87	601	25	1.40	<5	1.1	4	170	939	100
TP1461	0.1	M	MG	GRAVEL	ash, blaes, brick		14		<0.3	38	0.2			49		100	2.00		1.7				
TP1461	0.3	M	MG	GRAVEL	ash, blaes, brick		15	0.9	<0.3	40	<0.1	468	11	46	1060	64	1.81	<5	1.7	11	140	789	61
TP1462	0.3	M	MG	SAND	brick, blaes, tile	Laundry	13	1	<0.3	31	<0.1	336	<5	51	320	27	1.43	<5	0.7	4	49	692	42
TP1462	0.5	M	MG	SAND	brick, blaes, tile	Laundry	7		<0.3	29	0.5			33		32	1.51		6.4				
TP1463	0.1	M	MG	SILT	brick, blaes, tile, charcoal		9		<0.3	45	<0.1			48		27	1.43		<0.3				
TP1463	0.5	M	Nat	SILT/CLAY			9	1.3	<0.3	50	0.2	851	<5	51	811	6	0.78	<5	0.4	3	30	1010	65
TP1464	0.5	M	MG	SILT		Fuel UST	9	2.1	<0.3	47	0.4	529	<5	54	776	87	1.94	<5	0.3	5	39	1560	77
TP1465	0.1	M	MG	black ash		Next to fuel UST	8	2.6	<0.3	31	0.5	227	<5	58	460	309	2.49	8	1.9	8	85	878	63
TP1465	0.5	M	MG	silt& ash	diesel	Next to fuel UST	7		<0.3	57	0.8			54		48	1.68		0.3				
TP1465	1	M	MG	diesel & clay		Next to fuel UST	10		<0.3	63	0.3			51		86	1.93		0.8				
TP1489	0.1	P	MG	SILT			9		<0.3	26	<0.1			28		70	1.85		0.3				
TP1489	0.8	P	Nat	CLAY			7		<0.3	40	<0.1			33		3	0.48		0.3				
TP1509	0.1	R	MG	SILT	blaes brick	Agriculture	10		<0.3	26	0.3			25		75	1.88		1.2				
TP1509	0.5	R	MG	SILT		Agriculture	10		<0.3	22	0.4			20		67	1.83		1.6				
TP1515	0.3	R	MG	GRAVEL	slight HC odour tarmac ash	Car park	9	3.9	<0.3	33	0.3	509	<5	59	655	200	2.30	<5	1	10	110	3060	89
TP1515	0.5	R	MG	SILT/CLAY		Car park	19	2.6	0.7	49	0.3	380	<5	39	1100	200	2.30	<5	3.1	15	75	1180	80
TP1517	1	R	MG	sand sized pulverised ash		Car park	28		0.9	57	1.1			96		150	2.18		1.8				

**Table A4.2  
Recreational Open Space  
Metals and Non-metals**

n	44	629	240	629	629	12	629	256	260	629	275	629	629	413	625	265	256	253	252
min	1190	1.0	0.1	0.1	4.71	1.0	0.1	3.0	4.0	5.0	9.0	3.0	0.48	0.5	0.3	2	3	23	4
mean	15534	12	3.0	0.4	42	1.0	0.3	529	5.0	46	754	195	1.7	5.0	1.0	30.3	78.1	1714	75
max	78208	250	16.8	11	675	1.0	5.3	5920	10	330	2850	16700	4.22	120	66	3914	1010	11600	180
n detected	44	628	233	167	624	0	357	255	15	624	274	614	-	141	470	244	256	253	249
Tier 2 criteria n exceeded	91500	20	202	30	200	200	15	2840	634	75	452000	450	2.65	16	260	17000	12100	81100	640
MeanVT	0	47	0	0	3	0	0	1	0	87	0		27	3	0	0	0	0	0
stdev	13922	13.7	2.4	0.6	36.1	0.0	0.5	467.5	0.6	30.9	428		0.6	7.9	3	241	124	1576	35
t	1.684	1.658	1.684	1.684	1.658	1.782	1.684	1.658	1.684	1.658	1.658		1.658	1.658	1.658	1.658	1.658	1.658	1.658
mean UC95	19068.5	12.7	3.2	0.4102	45	1	0.3301	577	5.1	48	796		1.7	5.6	1.1	55	91	1878.2	79
pass/fail	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass
Max>criteria?	no	yes	no	no	yes	no	no	yes	no	yes	no		yes	yes	no	no	no	no	no
MaxVT																			
T	2.519	5.373			5.738			3.247		3.599			4.190	7.031					
crit T	2.866	3.318			3.318			3.318		3.318			3.318	3.318					
outliers?	no	yes			yes			no		yes			yes	yes					

 exceeds Tier 2 criteria  
 exceeds Tier 2 criteria + suggested outlier (UC95)

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BGTP01	0.3	L				Burning ground	11234	11	<0.5	39		<0.5				55	84	1.92	1	1.4	46				
BGTP03	0.5	L				Burning ground	5937	9.4	<0.5	13		<0.5				68	87	1.94	1.8	4.9	<3				
BGTP04	0.4	L				Burning ground	4019	4.1	<0.5	5		<0.5				31	9	0.95	1.9	1.1	16				
BGTP05	0.25	L				Burning ground	8204	9.6	<0.5	28		<0.5				41	69	1.84	<0.5	2.3	28				
BGTP07	0.35	L				Burning ground	14844	30.9	3.9	4.71		<0.5			86	9391	3.97	12.3	<0.5	371					
BGTP07	0.55	L				Burning ground	7839	14.9	<0.5	31		0.6			41	62	1.79	1.3	<0.5	45					
BGTP08	0.3	L				Burning ground	4192	3.6	<0.5	11		0.6			26	34	1.53	<0.5	0.8	36					
BGTP11	0.9	L				Burning ground	15488	8.2	<0.5	27		0.5			33	249	2.40	4	<0.5	92					
BGTP12	0.25	L				Burning ground	78208	4.9	<0.5	32		<0.5			22	871	2.94	<0.5	<0.5	75					
BGTP16	0.25	L				Burning ground	8915	5.7	<0.5	22		0.5			89	704	2.85	1.1	1.1	51					
BGTP17	0.7	L				Burning ground	4443	1.5	<0.5	11		<0.5			14	78	1.89	<0.5	<0.5	58					
BGTP20	0.6	L				Burning ground	11950	2.8	1.6	675		<0.5			98	74	1.87	5.4	<0.5	132					
BGTP21	0.05	L				Burning ground	10157	1.8	<0.5	117		<0.5			25	3612	3.56	8	<0.5	3914					
BGTP22	0.2	L				Burning ground	12249	12	<0.5	43		0.5			55	68	1.83	<0.5	<0.5	53					
BGTP23	0.45	L				Burning ground	3838	4.4	<0.5	40		<0.5			32	19	1.28	0.9	0.6	<3					
BGTP23	0.75	L				Burning ground	10737	9.6	<0.5	28		<0.5			26	446	2.65	1.1	<0.5	38					
BH1027	0.1	B	MG	topsoil		Investigate GW in sand outcrop in NGII		9	1.5	<0.3	43		0.2	518	<5	34	824	47	1.67	<5	2.7	4	18	1010	75
BH1027	0.5	B	MG	sandy silt		Investigate GW in sand outcrop in NGII		5		<0.3	120		0.4			70		7	0.85		0.6				
BH1046	0.3	C	Nat	topsoil	red sandy	Additional d/s of Boghall		9		<0.3	30		<0.1			25		18	1.26		0.4				
BH1046	1	C	Nat	silty clay	red brown	Additional d/s of Boghall		6		<0.3	41		<0.1			33		8	0.90		<0.3				
BH1050	0.1	C						8		<0.3	44		0.1			35		42	1.62		0.4				

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1050	0.3	C	Nat	clay/silt	dark organic spots	D/s of Boghall other side of dyke		8		<0.3	52		<0.1			35		26	1.41		0.3				
BH1167	0.3	F	MG	aggregate		Drum store		2		<0.3	44		0.2			40		5	0.70		<0.3				
BH1167	1	F	Nat	silt/clay		Drum store		8	1.5	<0.3	56		0.2	255	<5	39	360	9	0.95	<5	<0.3	<2	27	1220	69
BH1297	0.1	F	MG	topsoil		D/s of potential sources in Quarry Circle. Rail		12		<0.3	38		0.3			37		67	1.83		0.6				
BH1297	0.3	F	MG	topsoil	& ash	D/s of potential sources in Quarry Circle. Rail		7	0.7	<0.3	31		0.2	691	<5	26	527	7	0.85	<5	<0.3	<2	19	1460	43
BH1306	0.1	I	MG	topsoil		Acetone AST. Rail. Road		14	1.8	<0.3	38		0.4	605	<5	55	1010	230	2.36	<5	1.3	81	78	1220	65
BH1306	0.3	I	MG	stone blocks	& topsoil	Acetone AST. Rail. Road		14		1.2	39		0.4			50		200	2.30		1.2				
BH1349	0.1	J	MG	soil/rubble	brick con	In Picrite Section, also replaces ESG G. MG Small		22	1.2	<0.3	59		0.4	944	<5	75	610	260	2.41	<5	1	10	100	992	37
BH1349	0.5	J	Nat	Topsoil		In Picrite Section, also replaces ESG G. MG Small		14	1.9	<0.3	48		0.3	783	<5	49	863	180	2.26	<5	1	4	92	1320	67
BH1366	0.1	K	MG	SAND		D/s of Tetryl/RDX B, 'steamies' & kerosene AST		14		<0.3	51		0.2			56		140	2.15		0.4				
BH1366	0.5	K	Nat	GRAVEL		D/s of Tetryl/RDX B, 'steamies' & kerosene AST		20		<0.3	42		0.2			51		85	1.93		0.7				
BH1375	0.35	K	MG	sandy clay	clinker	Within Tetryl/RDX B & Ammo Breakdown. Poss LFill		15	2.9	<0.3	42		<0.1	348	<5	68	577	65	1.81	<5	0.4	4	100	1080	58
BH1375	0.5	K	Nat	sandy silt		Within Tetryl/RDX B & Ammo Breakdown. Poss LFill		6	1.5	<0.3	64		<0.1	268	<5	52	547	7	0.85	<5	0.4	3	22	1060	52
BH1429	0.3	L	MG	black shale		MG Coal. Near storage areas and scrap compounds		15	2.4	<0.3	25		0.2	204	<5	53	1170	342	2.53	<5	2.8	99	72	553	65
BH1429	0.5	L	Nat	black silt		MG Coal. Near storage areas and scrap compounds		28	1.1	0.3	35		0.3	204	<5	19	1300	86	1.93	<5	1.5	5	38	773	54
BH1430	0.1	L	MG	GRAVEL		General storage area		44	2.5	1.1	130		<0.1	571	<5	91	450	554	2.74	<5	<0.3	47	140	539	37
BH1430	0.6	L	MG	SILT/CLAY		General storage area		23	5.1	0.8	46		0.4	233	<5	83	944	365	2.56	<5	0.9	30	58	944	79
BH1504	0.1	Q	MG	ash		MG Sulphur dump		5	1.2	<0.3	20		0.2	223	<5	49	250	270	2.43	<5	0.9	<2	42	867	44
BH1504	0.5	Q	MG	clay/peat	rubble	MG Sulphur dump		20	1.1	<0.3	26		0.4	462	<5	47	816	270	2.43	<5	1.4	208	52	1420	55

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V	
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1528	0.1	P	MG	SAND		Landfill location A1		12		<0.3	25		<0.1			90		54	1.73		0.4					
BH1528	0.5	P	Nat	SAND & GRAVEL		Landfill location A1		4		<0.3	37		<0.1			28		20	1.30		<0.3					
BH1529	0.1	P	MG	SAND		Landfill location A1		8		<0.3	27		<0.1			60		70	1.85		0.5					
BH1529	0.5	P	Nat	SAND & GRAVEL		Landfill location A1		5		<0.3	34		<0.1			25		42	1.62		<0.3					
BH1530	0.5	P	MG	redshale		Landfill location A1		9		<0.3	23		<0.1			22		45	1.65		<0.3					
BH1530	1	P	Nat	sandy silt	red/ brown	Landfill location A1		6		<0.3	24		<0.1			19		24	1.38		<0.3					
BH1623	0.1	B	MG	silt	ash	Fills gap in FII. NG pond Rail		10	4.1	<0.3	48		<0.1	1110	<5	59	994	6	0.78	<5	1.1	2	90	754	98	
BH1623	0.5	B	MG	sand gravel	ash	Fills gap in FII. NG pond Rail		7	1.3	<0.3	44		<0.1	769	<5	36	618	5	0.70	<5	<0.3	4	24	1060	53	
BH1624	0.1	Q	MG	gravel	ash	MG Netherfield Tip2		9	2.1	<0.3	37		0.1	618	<5	33	610	97	1.99	<5	0.9	6	28	1540	67	
BH1624	0.5	Q	MG	clay silt	ash	MG Netherfield Tip2		11		<0.3	44		0.1			35		51	1.71		0.4					
BOG TP01	0.1	C				Boghall	8350	12		1	370		0.4			330	320	83	1.92	<10	0.7	<50				
BOG TP02	0.1	C				Boghall		8		<0.3	90		0.2			61	1100	89	1.95		<0.3					
BOG TP02	0.6	C				Boghall		7		<0.3	30		0.2			23	660	59	1.77		<0.3					
BOG TP03	0.1	C				Boghall		11		1.6	120		0.2			170	600	100	2.00		0.6					
BOG TP04	0.6	C				Boghall	10000	16		0.4	24		0.6			68	470	100	2.00	<10	1.2	<50				
BOG TP05	0.2	C				Boghall		75		2.1	24		0.9			41	690	120	2.08		4.4					
BOG TP06	0.1	C				Boghall	7600	9		<0.3	21		0.1			86	280	36	1.56	<10	0.6	<50				
BOG TP07	0.2	C				Boghall		7		<0.3	27		0.4			25	590	22	1.34		<0.3					
BOG TP08	0.8	C				Boghall		8		<0.3	34		0.4			39	660	170	2.23		<0.3					
BOG TP08	1	C				Boghall		4		<0.3	180		0.2			73	<10	8	0.90		0.5					
BOG TP09	0.05	C				Boghall	7200	9		<0.3	19		0.2			79	590	7	0.85	<10	<0.3	<50				
BOG TP09	1	C				Boghall		21		0.3	46		0.3			48	620	110	2.04		0.7					
BOG TP10	0.1	C				Boghall	5790	13		0.7	34		0.3			57	510	407	2.61	<10	2.4	<50				
BOG TP10	0.5	C				Boghall	29100	8		<0.3	82		0.3			53	1060	15	1.18	<10	1.2	<50				
BOG TP11	0.2	C				Boghall	14800	78		5.7	150		0.8			80	1420	4600	3.66	110	0.3	58				
BOG TP11	0.5	C				Boghall	25800	11		<0.3	40		0.3			32	1240	120	2.08	<10	1.8	<50				
BOG TP12	0.6	C				Veg tip		12		<0.3	34		0.3			47	970	110	2.04		0.4					
BOG TP12	1	C				Veg tip	5990	11		<0.3	22		0.4			73	400	49	1.69	<10	0.7	<50				
BOG TP14	0.1	C				Veg tip		9		<0.3	34		0.1			26	1510	21	1.32		<0.3					
CPT21	0.5	I						3		<0.3	14		0.3			9		6	0.78		<0.3					
CPT22	0.4	I						12		<0.3	52		0.2			26		31	1.49		0.6					
CPT23	0.3	I						2		<0.3	27		0.1			13		9	0.95		<0.3					
CPT26	0.3	I						16		<0.3	31		0.2			85		633	2.80		1					
CPT44	0.1	P						15		<0.3	18		0.2			53		68	1.83		1.4					
CPT51	1	J						4		<0.3	52		0.2	547	<4	51	630	6	0.78		<0.3		28			
CPT55	0.2	J						4		<0.3	54		0.2	490	<4	47	550	17	1.23		<0.3		100			
CPT57	1	J						20		0.4	33		1			59		479	2.68		1.2					
CPT61	0.5	J						35		0.8	54		1.2			140		260	2.41		6.2					

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CPT68	0.8	E						4		<0.3	40		0.1			34		9	0.95		<0.3				
CPT73	1	B						3		<0.3	32		0.3			28		33	1.52		<0.3				
CPT74	0.8	N						8		<0.3	52		0.2			29		9	0.95		<0.3				
CPT76	0.3	I						12		<0.3	32		0.3			73		365	2.56		0.8				
ERA B20	0.2	Q						9		0.4	30		0.3		<4	40		91	1.96						
ERA B21	0.2	Q						9		<0.3	38		0.2		<4	70		71	1.85						
ERA B22	0.2	Q						11		<0.3	39		0.5		<4	32		180	2.26						
ERA B23	0.2	Q						11		<0.3	38		0.5		<4	32		190	2.28						
GT TP188	0.2	Q	MG	clinker and ash		o/s fence		37		0.7	53		0.2			160		1410	3.15	20	2.8				
GT TP188	0.5	Q						24		<0.1	42		<0.1			78		348	2.54	4	1.6				
GT TP188	0.8	Q						5		0.1	22		<0.1			12		6	0.78	3	0.3				
GT TP200	0.2	Q						20		0.3	42		1.1			52		250	2.40	3	0.9				
GT TP202	0.3	Q						10		<0.1	21		<0.1			120		52	1.72	3	1				
GT TP203	0.2	Q						17		0.4	27		1.4			39		300	2.48	<3	1.7				
GT TP204	0.2	Q	MG	silty clay	brick			35		1.8	54		1.2			37		8480	3.93	9	1.8				
GT TP204	0.5	Q						6		0.1	52		0.2			37		82	1.91	<3	<0.3				
GT TP205	0.3	Q						31		1.2	31		1.6			35		364	2.56	<3	1.6				
GT TP207	0.3	Q						16		<0.1	45		0.8			37		180	2.26	<3	1.4				
GT TP208	0.2	H						9		0.1	46		<0.1			36		8	0.90	<3	<0.3				
GT TP209	0.2	Q						23		0.7	53		1.3			39		110	2.04	<3	0.9				
GT TP209	0.4	Q						6		0.1	47		0.1			46		9	0.95	<3	<0.3				
GT TP210	0.3	Q						13		0.1	22		<0.1			71		43	1.63	3	0.9				
GT TP210	0.8	Q						3		0.1	39		<0.1			39		6	0.78	3	<0.3				
GT TP211	0.2	Q						10		<0.1	22		0.2			94		53	1.72	3	1.3				
GT TP212	0.1	Q						14		0.1	40		0.3			39		170	2.23	<3	0.8				
GT TP213	0.2	Q						11		<0.1	48		0.3			47		77	1.89	3	0.5				
GT TP214	0.1	Q						16		<0.1	46		0.8			36		220	2.34	3	1.1				
GT TP215	0.2	Q						14		0.5	45		1			37		100	2.00	3	0.6				
GT TP215	0.4	Q						6		0.1	41		0.1			38		25	1.40	3	0.4				
GT TP216	0.1	Q						10		0.1	54		<0.1			44		15	1.18	<3	0.3				
GT TP216	0.3	Q					9330	7		<0.1	18	<1	<0.1	180	<4	120	691	36	1.56	3	1.9		360	610	95
GT TP216	0.6	Q						8		<0.1	78		<0.1			77		<3	0.48	3	1.2				
GT TP216	0.8	Q					17800	9		0.2	28	<1	<0.1	395	<4	100	350	88	1.94	3	0.8		140	620	100
GT TP216	1	Q						7		0.1	43		<0.1			40		8	0.90	3	0.4				
GT TP217	0.2	H						15		0.2	39		0.5			35		200	2.30	3	0.6				
GT TP218	0.2	H						13		<0.1	44		0.8			43		120	2.08	3	0.8				
GT TP218	0.6	H						11		0.1	52		0.2			51		23	1.36	<3	0.3				
GT TP219	0.2	Q						27		0.7	48		0.8			40		140	2.15	3	1.5				
GT TP220	0.2	Q						9		1.3	20		0.1			83		180	2.26	3	1.8				
GT TP221	0.2	Q						19		<0.1	43		1.3			53		250	2.40	3	1				
GT TP221	0.5	Q						5		0.1	35		<0.1			34		10	1.00	3	<0.3				
GT TP222	0.1	Q						11		0.1	42		0.3			34		99	2.00	<3	0.9				
GT TP223	0.2	Q						9		0.1	34		0.1			85		33	1.52	<3	1.2				
GT TP224	0.2	Q						7		0.1	30		0.1			130		26	1.41	<3	0.9				
GT TP224	0.4	Q					32600	9		0.1	41	<1	0.1	897	4	84	1900	29	1.46	3	1.6		150	500	49
GT TP225	0.2	Q						9		0.1	38		0.4			34		348	2.54	<3	0.4				
GT TP226	0.2	Q						20		0.2	43		0.4			35		150	2.18	3	0.8				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP227	0.4	Q						10		0.1	40		0.3			47		32	1.51	<3	0.4				
GT TP228	0.2	Q						16		0.1	44		1.4			31		290	2.46	<3	1.3				
GT TP228	0.5	Q						8		0.1	33		<0.1			20		25	1.40	<3	0.4				
GT TP229	0.4	Q						41		0.7	42		0.2			17		49	1.69	3	1.1				
GT TP230	0.2	Q						22		<0.1	40		0.6			31		91	1.96	3	1.1				
GT TP230	0.6	Q						5		0.1	40		<0.1			37		8	0.90	3	<0.3				
GT TP232	0.4	Q						9		<0.1	46		<0.1			24		18	1.26	3	0.4				
GT TP233	0.2	Q						9		0.1	46		0.1			41		59	1.77	<3	0.4				
GT TP234	0.2	Q						6		0.1	20		<0.1			120		37	1.57	<3	0.8				
GT TP234	0.5	Q					56300	10		0.1	51	<1	<0.1	1330	4	53	1030	21	1.32	3	1.4		84	510	49
GT TP234	0.7	Q						20		0.7	53		1.2			36		140	2.15	3	0.6				
GT TP235	0	Q			S dump		10200	5		<0.1	23		0.4	160	4	34	210	96	1.98	3	1.2		25	660	
GT TP235	0.2	Q			S dump		9590	10		<0.1	25	<1	0.9	290	<4	35	566	130	2.11	3	1.6		57	700	46
GT TP235	0.5	Q			S dump			10		0.1	55		0.2			45		53	1.72	<3	0.4				
GT TP236	0	Q			S dump		1190	1		0.1	<5	<1	<0.1	<3	4	6	24	13	1.11	3	1.4		3	85	4
GT TP236	0.2	Q			S dump			1		0.1	5		<0.1			12		37	1.57	3	2.4				
GT TP236	0.4	Q			S dump		11100	9		0.1	25	<1	<0.1	29	4	5	280	29	1.46	3	0.4		19	1200	13
GT TP236	0.7	Q			S dump			10		0.1	75		<0.1			21		14	1.15	3	0.3				
GT TP237	0.2	Q						1		0.1	12		0.1			33		46	1.66	<3	1.1				
GT TP237	0.6	Q						10		0.1	25		0.3			56		82	1.91	3	1.1				
GT TP239	0.3	Q						13		<0.1	41		0.4			28		120	2.08	3	1				
GT TP239	0.6	Q						18		0.1	45		<0.1			18		14	1.15	3	0.4				
GT TP240	0.1	Q						6		1	170		0.1			87		59	1.77	3	0.7				
GT TP240	0.5	Q					13800	7		0.1	180	<1	<0.1	1890	5	120	1130	41	1.61	3	2.6		250	840	180
GT TP240	1	Q					24300	6		0.1	50	<1	<0.1	716	4	48	688	11	1.04	3	0.4		28	1130	56
GT TP241	0.2	Q						8		0.1	25		<0.1			170		110	2.04	3	0.8				
GT TP242	0.2	Q						7		0.1	57		0.6			130		55	1.74	3	1.5				
GT TP242	0.8	Q						5		0.1	62		<0.1			47		12	1.08	<3	<0.3				
GT TP243	0.2	Q						10		0.1	25		0.2			76		100	2.00	3	1.2				
GT TP243	0.5	Q						5		0.1	62		<0.1			39		16	1.20	3	<0.3				
GT TP244	0.1	Q						9		0.1	41		2.8			42		220	2.34	3	1				
GT TP245	0.1	Q						7		0.9	39		0.2			60		96	1.98	3	1.4				
GT TP245	0.4	Q						8		0.1	44		0.1			45		85	1.93	3	0.5				
GT TP246	0.2	Q						2		0.1	37		0.3			29		69	1.84	3	0.5				
GT TP249	0.2	H						10		0.1	40		0.3			28		51	1.71	<3	0.3				
GT TP250	0.2	Q						16		0.1	38		0.7			38		120	2.08	3	0.9				
GT TP250	0.4	Q						19		<0.1	45		0.1			38		12	1.08	3	0.3				
GT TP251	0.2	Q						12		0.2	41		0.5			33		120	2.08	3	0.8				
GT TP252	0.2	Q						16		<0.1	38		<0.1			150		120	2.08	3	0.6				
GT TP252	0.7	Q						10		0.2	43		0.7			39		120	2.08	3	0.7				
GT TP252	1	Q						4		0.1	46		<0.1			33		8	0.90	3	0.3				
GT TP253	0.2	Q						7		<0.1	17		<0.1			100		24	1.38	3	2.8				
GT TP254	0.2	Q						10		<0.1	35		0.7			37		160	2.20	3	0.8				
GT TP255	0.2	Q						7		0.1	19		0.1			96		24	1.38	3	0.8				
GT TP255	0.5	Q						11		<0.1	33		0.9			37		140	2.15	3	0.6				
GT TP256	0.2	Q						15		<0.1	72		0.2			95		56	1.75	3	5.6				
GT TP256	0.6	Q						6		0.1	34		0.3			25		32	1.51	3	0.3				
GT TP256	1	Q						9		0.1	33		<0.1			34		8	0.90	<3	<0.3				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP257	0.1	Q						9		0.1	30		<0.1			120		46	1.66	3	0.8				
GT TP257	0.3	Q						9		0.1	29		0.4			41		77	1.89	3	0.5				
GT TP257	0.6	Q						8		0.1	35		0.5			28		240	2.38	3	0.5				
GT TP258	0.2	Q						11		0.1	45		0.7			41		200	2.30	<3	0.6				
GT TP259	0.3	Q																							
GT TP259	0.6	Q						9		0.1	45		<0.1			31		11	1.04	3	<0.3				
GT TP260	0.5	Q						18		0.3	73		0.1			150		200	2.30	3	1.6				
GT TP262	0.3	Q						11		0.3	38		0.7			34		180	2.26	<3	0.5				
GT TP263	0.2	Q						6		0.1	23		0.4			22		110	2.04	3	0.6				
GT TP263	0.6	Q						3		0.1	42		<0.1			28		10	1.00	3	<0.3				
GT TP264	0.3	Q						6		0.1	47		<0.1			25		16	1.20	3	0.3				
GT TP265	0.2	Q						31		0.8	51		1.1			51		329	2.52	3	1.2				
GT TP265	0.5	Q						2		<0.1	44		0.1			28		19	1.28	3	0.4				
GT TP266	0.2	Q						14		0.8	38		0.5			89		190	2.28	3	1.3				
GT TP266	0.6	Q						8		0.1	36		0.3			29		48	1.68	3	0.4				
GT TP267	0.2	Q						14		0.3	26		0.4			72		78	1.89	3	0.9				
GT TP267	0.6	Q						8		0.1	35		0.2			36		43	1.63	3	<0.3				
GT TP268	0.2	Q						19		0.1	68		0.1			130		94	1.97	3	0.9				
GT TP268	0.5	Q						5		0.1	12		<0.1			26		10	1.00	3	0.8				
GT TP268	0.6	Q						11		<0.1	36		0.6			39		170	2.23	3	0.7				
GT TP269	0.2	Q						12		<0.1	34		<0.1			170		55	1.74	3	0.9				
GT TP269	0.6	Q						7		<0.1	41		0.3			46		76	1.88	3	0.5				
GT TP270	0.3	Q						10		0.1	39		0.3			29		66	1.82	<3	0.4				
GT TP271	0.2	Q						12		<0.1	39		0.4			33		110	2.04	3	0.4				
GT TP272	0.2	Q						16		0.2	36		0.2			97		190	2.28	3	1.1				
GT TP272	0.6	Q						6		<0.1	27		0.1			20		25	1.40	3	<0.3				
GT TP274	0.3	Q						13		0.1	31		0.2			55		68	1.83	3	1.5				
GT TP274	0.9	Q						7		<0.1	27		<0.1			100		18	1.26	3	1.6				
GT TP275	0.2	Q						5		0.1	17		0.2			56		18	1.26	3	0.7				
GT TP275	0.3	Q						5		0.1	23		<0.1			89		42	1.62	3	0.8				
GT TP276	0.2	Q						9		0.4	45		0.2			120		220	2.34	3	1.1				
GT TP276	0.5	Q						17		0.6	39		0.9			38		140	2.15	3	0.6				
GT TP277	0.1	Q						5		0.1	18		<0.1			78		35	1.54	3	1.7				
GT TP277	0.4	Q						10		<0.1	35		0.3			33		75	1.88	3	0.5				
GT TP278	0.3	Q						10		0.1	38		0.5			78		150	2.18	3	0.9				
GT TP279	0.1	Q						9		0.4	60		0.2			75		130	2.11	3	1.9				
GT TP280	0.2	Q						10		<0.1	40		0.4			36		140	2.15	3	1				
GT TP281	0.1	Q						8		0.4	50		0.1			130		150	2.18	3	1.8				
GT TP281	0.3	Q						19		<0.1	42		0.3			90		160	2.20	3	1				
GT TP281	0.6	Q						23		0.3	40		0.2			31		130	2.11	3	0.6				
GT TP282	0.3	Q						17100	11	0.4	35	<1	0.3	628	<4	140	420	170	2.23	3	0.8		210	790	110
GT TP282	0.6	Q							12	0.1	35		0.4			26		99	2.00	3	0.3				
GT TP284	0.5	Q							9	<0.1	51		0.3			99		60	1.78	3	1.1				
GT TP285	0.5	Q							7	0.1	36		0.3			40		59	1.77	3	0.3				
GT TP286	0.2	Q							6	0.1	32		0.2			33		75	1.88	3	0.5				
GT TP286	0.6	Q							4	0.1	37		<0.1			37		23	1.36	3	0.3				
GT TP287	0.5	Q							8	0.1	38		0.3			39		80	1.90	3	0.4				
GT TP290	0.3	Q							3	0.1	18		<0.1			66		28	1.45	3	<0.3				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP290	0.5	Q						6		0.1	32		0.2			32		97	1.99	3	0.6				
GT TP301	0.1	Q						21		0.4	46		0.5			29		130	2.11	3	0.6				
GT TP303	0.1	Q						11		0.2	140		0.2			180		110	2.04	3	0.6				
GT TP306	0.5	Q						6		0.1	36		<0.1			21		10	1.00	3	<0.3				
GT TP307	0.2	Q						10		0.3	28		0.2			110		110	2.04	3	0.7				
GT TP309	0.5	Q						6		0.1	29		0.1			24		6	0.78	3	<0.3				
GT TP310	0.1	Q					21300	27		<0.1	37	<1	<0.1	908	6	140	713	984	2.99	16	2.5		190	1800	90
GT TP310	0.5	Q						24		<0.1	41		<0.1			87		210	2.32	<3	1.9				
GT TP311	0.5	Q						7		0.1	49		<0.1			46		8	0.90	3	0.4				
GT TP313	0.2	Q					23000	23		0.1	35	<1	<0.1	737	8	170	1510	300	2.48	<3	1.8		140	1870	79
GT TP313	0.6	Q						17		<0.1	29		<0.1			70		120	2.08	<3	1				
GT TP313	0.9	Q						12		<0.1	43		<0.1			18		15	1.18	3	0.6				
GT TP316	0.2	Q						13		0.1	35		0.4			39		160	2.20	3	0.8				
GT TP317	0.2	Q						10		<0.1	39		0.4			33		130	2.11	3	0.8				
HA1039	0.1	P	Nat	SILT				12	5.3	<0.3	41		<0.1	615	<5	28	817	76	1.88	<5	0.5	12	18	3730	95
HA1039	0.4	P	Nat	SILT				9	5.6	<0.3	39		<0.1	598	<5	28	642	27	1.43	<5	0.4	13	18	3860	95
HA1049	0.1	C	Nat	SILT				10		<0.3	20		<0.1			14		49	1.69		0.5				
HA1051	0.1	C	Nat	SILT				17	9.4	<0.3	32		<0.1	1340	<5	20	1670	61	1.79	<5	0.5	22	16	6430	150
HA1051	0.4	C	Nat	SILT				13	9.1	<0.3	30		<0.1	1780	<5	19	1150	24	1.38	<5	0.3	22	16	6370	150
HA1159	0.1	F	MG	SILT				9	1.5	<0.3	31		0.2	651	<5	45	677	1200	3.08	<5	0.5	8	66	792	50
HA1303	0.1	I	Nat	SILT				11		<0.3	44		<0.1			27		45	1.65		0.4				
HA1303	0.4	I	Nat	SILT				10		<0.3	41		<0.1			28		65	1.81		0.4				
HA1308	0.1	L	MG	SILT				15	1.9	<0.3	38		0.3	343	<5	36	589	140	2.15	<5	1	9	34	1010	90
HA1308	0.4	L	MG	SILT				16	2.2	<0.3	41		0.7	309	<5	37	601	290	2.46	<5	0.8	42	35	1140	100
HA1309	0.1	L	MG	SILT				11		<0.3	39		<0.1			32		64	1.81		0.8				
HA1371	0.1	K	Nat	SILT				10		<0.3	31		<0.1			18		35	1.54		0.4				
HA1371	0.4	K	Nat	SILT				10		<0.3	34		<0.1			21		14	1.15		0.4				
HA1385	0.1	K	Nat	SILT				9		<0.3	36		0.5			26		99	2.00		0.7				
HA1385	0.3	K	Nat	SILT				8		<0.3	39		<0.1			33		35	1.54		0.4				
HA1388	0.1	K	Nat	PEAT				3		<0.3	7		0.2			6		140	2.15		0.9				
HA1388	1	K	Nat	SILT				6		<0.3	37		<0.1			19		9	0.95		<0.3				
HA1389	0.1	K	MG	SAND				13		<0.3	42		0.3			87		47	1.67		3.6				
HA1389	0.4	K	Nat	SAND				12		<0.3	35		0.2			83		39	1.59		3.7				
HA1395	0.1	L	Nat	CLAY				11		<0.3	48		0.1			31		48	1.68		0.9				
HA1397	0.1	L	Nat	CLAY				14		<0.3	50		<0.1			58		28	1.45		1.9				
HA1397	0.4	L	Nat	CLAY				9		<0.3	65		<0.1			70		10	1.00		1.5				
HA1399	0.1	L	Nat	CLAY				11		<0.3	29		<0.1			17		23	1.36		0.4				
HA1399	0.4	L	Nat	CLAY				12		<0.3	42		<0.1			21		4	0.60		0.5				
HA1401	0.1	L	Nat	CLAY				12		<0.3	29		0.2			19		20	1.30		0.5				
HA1401	0.4	L	Nat	CLAY				12		<0.3	25		<0.1			19		9	0.95		0.5				
HA1403	0.1	L	Nat	GRAVEL				11	6.5	<0.3	38		<0.1	1250	<5	24	1810	27	1.43	<5	0.5	18	9	4230	160
HA1403	0.4	L	Nat	GRAVEL				12		<0.3	47		<0.1			33		3	0.48		0.4				
HA1468	0.4	N	MG	SILT		Proof range		8	1.5	<0.3	46		1.3	262	<5	27	400	12	1.08	<5	<0.3	3	18	1010	64
HA1468	0.9	N	Nat	SILT		Proof range		8	1.5	<0.3	47		<0.1	625	<5	41	604	6	0.78	<5	<0.3	3	22	1030	62
HA1487	0.1	P	Nat	CLAY				9	2.4	<0.3	27		<0.1	621	<5	18	750	53	1.72	<5	0.4	6	10	1590	55
HA1487	0.4	P	Nat	CLAY				7	2.6	<0.3	24		<0.1	689	<5	14	550	27	1.43	6	0.3	7	9	1880	51
HA1488	0.1	P	Nat	CLAY				10	2.9	<0.3	30		0.1	428	<5	17	818	45	1.65	<5	0.4	8	9	1910	50
HA1488	0.4	P	Nat	CLAY				8	2.8	<0.3	27		<0.1	467	<5	18	695	36	1.56	<5	0.3	7	9	2190	48

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HA1493	0.1	P	Nat	SILT				10		<0.3	36		<0.1			25		36	1.56		0.4				
HA1493	0.3	P	Nat	SILT				10		<0.3	31		<0.1			23		25	1.40		0.4				
HA1507	0.1	R	Nat	SAND		Agriculture		7	1	<0.3	21		<0.1	358	<5	11	841	33	1.52	<5	<0.3	3	12	910	45
HA1507	0.4	R	Nat	SAND		Agriculture		5	1.2	<0.3	22		<0.1	349	<5	14	722	9	0.95	<5	0.5	3	13	1070	39
HA1508	0.1	R	Nat	SILT		Agriculture		8	1.3	<0.3	20		0.2	421	<5	16	830	45	1.65	<5	0.4	3	19	1120	62
HA1508	0.4	R	Nat	SILT		Agriculture		6	1.6	<0.3	23		<0.1	507	<5	19	560	18	1.26	<5	0.4	3	18	1340	48
HA1511	0.1	R	Nat	SILT		Agriculture		11	1.2	<0.3	32		0.2	491	<5	21	860	38	1.58	<5	0.4	3	21	1010	61
HA1511	0.4	R	Nat	SILT		Agriculture		7	1.3	<0.3	34		<0.1	574	<5	25	604	12	1.08	<5	0.5	3	23	1120	58
HA1513	0.1	R	Nat	SILT		Agriculture		8	5.4	<0.3	34		0.2	1160	<5	28	1290	66	1.82	<5	0.4	14	36	3620	150
HA1513	0.4	R	Nat	SILT		Agriculture		9	5.8	<0.3	31		0.2	1350	<5	24	1060	44	1.64	<5	0.4	15	36	3940	150
HA1516	0.1	R	Nat	SILT		Agriculture		11	3.9	<0.3	23		0.1	959	<5	18	1540	34	1.53	<5	<0.3	10	17	2760	92
HA1518	0.1	R	Nat	SILT		Agriculture		9	3.6	<0.3	23		0.2	938	<5	13	1580	42	1.62	<5	0.4	10	22	2470	89
HA1518	0.4	R	Nat	SILT		Agriculture		9	3.8	<0.3	59		0.1	982	<5	47	1490	42	1.62	<5	0.5	10	23	2700	96
HA1519	0.1	R	Nat	SILT		Agriculture		7	4.2	<0.3	36		<0.1	597	<5	22	747	37	1.57	<5	0.4	10	18	2780	100
HA1519	0.4	R	Nat	SILT		Agriculture		6	4.3	<0.3	37		<0.1	388	<5	23	500	12	1.08	<5	0.5	12	18	3060	90
HA1520	0.1	R	Nat	SILT		Agriculture		8	4.3	<0.3	36		0.2	582	<5	27	1460	39	1.59	<5	0.4	12	20	2980	91
HA1520	0.4	R	Nat	SILT		Agriculture		6	4.6	<0.3	40		<0.1	478	<5	34	943	14	1.15	<5	0.6	13	19	3390	77
HA1521	0.1	R	Nat	PEAT		Agriculture		3	0.1	<0.3	8		0.1	57	<5	8	460	100	2.00	<5	<0.3	4	25	160	13
HA1521	0.4	R	Nat	PEAT		Agriculture		2	<0.1	<0.3	5		<0.1	25	<5	<5	280	17	1.23	<5	1.4	<2	38	96	5
HA1522	0.1	R	Nat	PEAT		Agriculture		17	2.2	0.6	41		0.4	417	<5	38	1620	160	2.20	6	0.8	9	78	1800	81
HA1522	0.4	R	Nat	PEAT		Agriculture		12	1.4	0.4	33		0.3	305	<5	27	1130	96	1.98	<5	1.2	4	110	1250	55
HA1523	0.1	R	Nat	PEAT		Agriculture		17	2.4	0.6	41		0.4	404	<5	26	1410	140	2.15	8	1.5	7	83	1810	71
HA1523	0.9	R	Nat	PEAT		Agriculture		44	0.4	1.4	19		<0.1	229	<5	13	519	28	1.45	<5	1.7	<2	120	533	25
HA1524	0.1	R	Nat	CLAY		Agriculture		8	1.5	<0.3	73		0.2	414	<5	57	632	65	1.81	<5	1.1	5	59	1200	68
HA1524	0.4	R	Nat	CLAY		Agriculture		7	1.5	<0.3	73		<0.1	700	<5	50	651	12	1.08	<5	0.5	4	60	1150	68
HA1525	0.1	R	Nat	PEAT		Agriculture		29	2.5	0.9	32		0.9	266	<5	37	1120	327	2.51	<5	<0.3	14	290	735	73
HA1525	0.9	R	Nat	CLAY		Agriculture		7	1.3	<0.3	56		<0.1	418	<5	37	675	18	1.26	<5	2.8	4	59	1110	58
HA1526	0.1	R	Nat	PEAT		Agriculture		2	<0.1	<0.3	6		<0.1	20	<5	7	240	160	2.20	<5	0.5	2	12	140	10
HA1526	0.4	R	Nat	PEAT		Agriculture		1	<0.1	<0.3	<5		<0.1	10	<5	<5	90	69	1.84	<5	0.8	<2	9	100	<5
HA1527	0.1	R	Nat	SILT		Agriculture		16	3.2	<0.3	51		0.6	433	<5	55	1130	150	2.18	<5	0.4	13	55	2260	120
HA1527	0.4	R	Nat	SILT		Agriculture		8	4.3	<0.3	69		<0.1	651	<5	70	927	13	1.11	<5	0.7	12	50	2930	120
HA1617	0.1	R	Nat	SILT				8	1.2	<0.3	26		0.6	520	<5	15	631	53	1.72	<5	<0.3	5	9	873	46
HA1617	0.4	R	Nat	SAND				11	2.9	<0.3	33		0.4	311	<5	18	919	93	1.97	<5	0.4	9	14	1850	62
HA1618	0.1	R	MG	SILT				10		<0.3	31		0.4			17		55	1.74		0.3				
HA1618	0.4	R	MG	SILT				7		<0.3	18		<0.1			9		12	1.08		<0.3				
HA1642	0.1	I	MG	GRAVEL		Transformer		20	1.8	<0.3	67		<0.1	751	<5	49	671	58	1.76	<5	0.7	8	63	936	67
PPG BH05	0.2	J						8		0.3	21		0.2	240	<4	83	410	46	1.66		3.1		110		
PPG BH05	1	J						7		<0.3	29		0.2			53		66	1.82		0.8				
PPG BH10	0.5	I						7		<0.3	44		0.1			31		6	0.78		<0.3				
PPG BH10	0.7	I						10		<0.3	50		0.4			30		8	0.90		<0.3				
TP1026	0.3	B	MG	SILT	brick	NG pond		8		<0.3	49		0.1			39		679	2.83		0.6				
TP1026	0.5	B	Nat	CLAY	<Null>	NG pond		6		<0.3	49		<0.1			38		26	1.41		0.5				
TP1028	0.1	B	Nat	SILT				9	2	<0.3	41		0.1	307	<5	31	606	64	1.81	<5	0.8	5	13	1290	110
TP1028	0.5	B						5		<0.3	49		<0.1			29		9	0.95		<0.3				
TP1029	0.4	B	MG	silty sand				5		<0.3	27		<0.1			20		58	1.76		<0.3				
TP1030	0.1	B	MG	peaty clay				20	4.7	<0.3	43		0.2	495	<5	41	994	190	2.28	<5	1.1	11	40	3090	92
TP1031	0.1	B	MG	sandy clay		Acid AST		9		<0.3	33		<0.1			25		170	2.23		0.4				
TP1031	0.35	B	Nat	sandy clay	poss MG?	Acid AST		9		<0.3	34		<0.1			24		13	1.11		<0.3				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1032	0.25	B	MG	clinker	clinker			9	1.3	<0.3	28		<0.1	376	<5	34	290	7	0.85	<5	0.3	4	65	929	32
TP1032	0.5	B	Nat	clay				7	2.4	<0.3	35		<0.1	622	<5	28	681	4	0.60	<5	<0.3	6	38	1570	44
TP1033	0.1	B	MG	sandy clay				9		<0.3	40		0.1			30		110	2.04		0.4				
TP1033	0.3	B	MG	clinker	clinker			15		<0.3	43		0.1			46		46	1.66		1.6				
TP1034	0.1	B	MG	sandy clay				9		<0.3	42		<0.1			32		99	2.00		<0.3				
TP1034	0.35	B	MG	sandy clay				9		<0.3	46		0.1			37		41	1.61		<0.3				
TP1035	0.1	B	MG	sandy silt				10		<0.3	44		0.1			30		34	1.53		0.3				
TP1035	0.4	B	Nat	sandy silt				11		<0.3	39		<0.1			24		47	1.67		0.4				
TP1036	0.45	B	MG	shale		Road		9		<0.3	40		<0.1			38		26	1.41		0.5				
TP1037	0.1	B	MG	SILT	brick	NG pond		9		<0.3	37		<0.1			35		160	2.20		0.5				
TP1037	0.3	B	MG	SILT	brick	NG pond		10		<0.3	38		0.3			39		78	1.89		0.8				
TP1038	0.3	P	MG	PEAT		MG Vegetation tip. Road		12		<0.3	37		0.2			34		69	1.84		0.8				
TP1040	0.4	C	MG	SILT		o/s NGIII nitrating hs		18		1	42		<0.1			100		16700	4.22		1				
TP1041	0.5	C	MG	blaes				40	2	0.8	45		<0.1	422	<5	66	270	3	0.48	<5	0.6	4	120	1130	63
TP1041	1	C	Nat	silt and boulders				10	6.4	<0.3	52		<0.1	1100	<5	34	867	29	1.46	<5	1.1	15	44	4640	160
TP1042	0.3	C	MG	SILT		NG pond		7	5.9	<0.3	32		<0.1	578	<5	28	749	24	1.38	<5	<0.3	14	20	4140	85
TP1043	0.1	C	MG	topsoil	coarse sand	Additional d/s of Boghall		11	2.2	11	48		4.8	523	<5	46	547	3190	3.50	9	0.3	39	36	1330	40
TP1043	0.5	C	MG	red clay	reworked with red shale	Additional d/s of Boghall		8	2.3	<0.3	32		<0.1	571	<5	22	490	16	1.20	<5	<0.3	5	20	1410	42
TP1044	0.1	C	MG	SILT		MG Boghall		10	3	<0.3	32		4.2	525	<5	31	844	652	2.81	<5	1	89	47	2220	81
TP1044	0.7	C	MG	SILT		MG Boghall		10	4.2	<0.3	31		3.2	495	<5	30	747	230	2.36	<5	0.7	10	40	2940	77
TP1045	0.3	C	Nat	SAND & GRAVEL				9		<0.3	28		<0.1			28		13	1.11		<0.3				
TP1047	0.1	I	MG	SILT				11		<0.3	58		0.6			46		60	1.78		0.4				
TP1047	0.5	I	MG	gravelly SILT				10		<0.3	38		<0.1			29		19	1.28		<0.3				
TP1048	0.5	C	MG	SILT				11		<0.3	53		<0.1			39		10	1.00		0.4				
TP1052	0.3	C	MG	gravelly SILT	asb sheet bricks blaes			18		<0.3	60		0.1			46		45	1.65		0.6				
TP1053	0.3	C	MG	SILT				15	16.8	<0.3	37		0.1	766	<5	26	1220	72	1.86	<5	0.5	<2	41	10100	140
TP1054	0.4	F	MG	gravelly CLAY	blaes brick			10	1.7	<0.3	70		0.1	866	<5	53	657	18	1.26	<5	0.5	4	28	1170	76
TP1055	0.2	F	MG	SILT	bricks concrete			16	2	<0.3	47		0.2	746	<5	47	774	82	1.91	6	1.2	6	43	1280	93
TP1141	0.2	E	MG	clinker	clinker			13	1.2	<0.3	39		<0.1	309	<5	45	300	14	1.15	<5	1.1	3	47	854	51
TP1141	1	E	MG	silt				10	2	<0.3	34		0.5	234	<5	38	830	210	2.32	<5	0.6	9	40	782	47
TP1143	0.1	E	MG	SILT				9	1.4	<0.3	45		<0.1	738	<5	41	607	18	1.26	<5	0.3	3	16	959	49
TP1143	0.5	E	Nat	SILT				5	3.8	<0.3	41		<0.1	294	<5	28	724	19	1.28	<5	0.3	9	20	2440	78
TP1144	0.2	F	MG	GRAVEL	type 1	Burning ground		11	15.7	<0.3	20		<0.1	1170	<5	23	1070	<3	0.48	<5	<0.3	35	71	11500	170
TP1144	0.4	F	MG	GRAVEL	type 1	Burning ground		<1	15.1	<0.3	17		<0.1	1180	<5	22	1090	<3	0.48	<5	<0.3	36	81	11600	180
TP1145	0.2	F	MG	SILT				11		<0.3	36		0.1			33		32	1.51		0.5				
TP1145	0.5	F	Nat	CLAY				10		<0.3	40		<0.1			36		16	1.20		0.4				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1146	0.25	F	MG	SILT	charcoal, blaes, brick			13		<0.3	42		0.3			34		180	2.26		0.7				
TP1146	0.5	F	Nat	SILT/CLAY				13		<0.3	48		0.3			34		70	1.85		0.6				
TP1147	0.1	F	MG	clinker		Burning ground		4	1.7	<0.3	22		0.1	63	<5	35	140	32	1.51	<5	1.9	5	29	1100	36
TP1147	0.3	F	MG	gravel	clinker	Burning ground		7	1.9	<0.3	28		<0.1	538	<5	42	565	1060	3.03	<5	0.9	5	100	1310	49
TP1148	0.3	F	MG	GRAVEL	blaes			9	4.3	<0.3	27		<0.1	482	<5	35	607	67	1.83	<5	0.5	10	45	3040	68
TP1149	0.3	F	MG	SILT/CLAY		Burning ground		7	2.1	<0.3	29		<0.1	557	<5	25	470	16	1.20	<5	<0.3	5	18	1400	48
TP1149	1	F	MG	SILT/CLAY		Burning ground		7	1.9	<0.3	31		<0.1	703	<5	26	517	8	0.90	<5	<0.3	4	19	1260	45
TP1150	0.2	F	MG	SILT/CLAY		Burning ground		6	2	<0.3	30		<0.1	739	<5	26	490	11	1.04	<5	<0.3	5	19	1360	49
TP1150	0.5	F	MG	SILT/CLAY		Burning ground		7	2.5	<0.3	32		<0.1	703	<5	28	541	16	1.20	<5	<0.3	6	21	1570	57
TP1151	0.1	F	MG	clinker		Burning ground		6	2.2	<0.3	19		0.2	170	<5	54	370	33	1.52	<5	1	4	96	989	51
TP1151	0.5	F	MG	silt	clinker	Burning ground		9	2	<0.3	33		0.1	443	<5	26	1090	40	1.60	<5	0.3	5	26	1360	60
TP1152	0.3	F	MG	SILT				12	2.8	<0.3	33		0.2	282	<5	19	528	47	1.67	<5	0.4	7	22	1960	76
TP1152	0.5	F	Nat	SAND				12	4.6	<0.3	21		<0.1	219	<5	10	722	10	1.00	<5	<0.3	12	14	3250	66
TP1153	0.1	F	MG	clinker	asb.	Burning ground		11	2.3	1.8	34		0.2	386	<5	58	580	338	2.53	<5	1	84	100	1050	66
TP1154	0.3	F	MG	SAND				8	2.1	<0.3	37		0.1	580	<5	32	460	58	1.76	<5	0.3	10	29	1490	60
TP1154	0.6	F	MG	SAND				5		<0.3	19		<0.1			14		18	1.26		<0.3				
TP1155	0.1	F	MG	clay				9		<0.3	55		<0.1			45		23	1.36		0.3				
TP1155	1	F	MG	clay				12		<0.3	44		0.8			37		64	1.81		0.5				
TP1156	0.1	F	MG	SILT				11	1.5	<0.3	42		<0.1	718	<5	45	582	61	1.79	<5	1	3	38	1070	62
TP1156	0.3	F	MG	SILT				11	1.2	<0.3	40		<0.1	705	<5	43	512	9	0.95	<5	0.9	2	42	821	54
TP1157	0.2	F	MG	GRAVEL		Road		26	2.1	<0.3	53		5.3	382	<5	70	310	30	1.48	<5	2.6	2	97	740	84
TP1157	0.9	F	Nat	SILT		Road		4	3	<0.3	33		0.2	295	<5	29	640	15	1.18	<5	<0.3	8	30	2190	56
TP1158	0.15	F	MG	SILT	blaes, brick	NC lagoon		14		<0.3	27		<0.1			40		58	1.76		1.6				
TP1158	0.45	F	MG	GRAVEL	blaes	NC lagoon		19		0.4	51		0.2			33		140	2.15		0.6				
TP1160	0.05	F	MG	topsoil				9		<0.3	39		0.2			32		83	1.92		1.5				
TP1161	0.1	F	MG	SILT		Incendiary bomb breakdown		12	1.6	<0.3	39		0.2	520	<5	43	576	85	1.93	<5	<0.3	4	35	920	66
TP1161	0.6	F	Nat	SILT		Incendiary bomb breakdown		12	2.6	<0.3	37		0.6	296	<5	42	707	220	2.34	<5	1.1	15	37	1020	78
TP1162	0.1	F	MG	GRAVEL				9	7.4	<0.3	22		2.8	592	<5	100	712	1090	3.04	<5	1.1	22	190	777	130
TP1162	0.5	F	MG	GRAVEL				19	2.3	<0.3	41		<0.1	200	<5	62	330	80	1.90	<5	2.7	3	91	1010	110
TP1163	0.5	F	Nat	firm silt				8		<0.3	35		<0.1			17		4	0.60		<0.3				
TP1164	0.3	F	MG	SILT				6	1.7	<0.3	42		<0.1	710	<5	37	604	140	2.15	<5	<0.3	27	24	1220	58
TP1165	0.1	F	MG	SILT		NC lagoon		10		<0.3	49		0.1			36		190	2.28		0.4				
TP1165	0.6	F	MG	SILT/CLAY		NC lagoon		11		<0.3	65		0.3			47		35	1.54		<0.3				
TP1166	0.3	F	MG	SILT		Ash		13	1.9	<0.3	42		<0.1	781	<5	43	825	76	1.88	<5	0.6	4	39	1360	77
TP1166	1	F	Nat	SILT		Ash		7	1.7	<0.3	48		0.1	519	<5	42	657	5	0.70	<5	<0.3	4	27	1200	62
TP1168	0.05	F	MG	topsoil				9		<0.3	40		0.2			39		29	1.46		0.6				
TP1168	0.5	F	MG	firm silt				11		<0.3	50		0.2			32		46	1.66		0.6				
TP1169	0.1	F	MG	SILT		Incendiary bomb breakdown		8	2	<0.3	170		0.1	617	<5	74	490	88	1.94	<5	0.4	3	130	1140	59
TP1169	0.6	F	Nat	CLAY		Incendiary bomb breakdown		7	1.4	<0.3	57		<0.1	672	<5	42	615	31	1.49	<5	0.4	3	53	972	64
TP1170	0.1	F	MG	CLAY				13		<0.3	43		0.6			52		190	2.28		0.7				
TP1170	0.5	F	Nat	SILT				4		<0.3	44		<0.1			26		13	1.11		<0.3				
TP1171	0.4	F	MG	gravelly sand		Compost		7		<0.3	24		0.2			33		28	1.45		0.5				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1172	0.1	F	MG	SILT				8		<0.3	44		0.2			37		42	1.62		0.4				
TP1172	0.8	F	MG	SILT				8		<0.3	46		<0.1			41		13	1.11		0.4				
TP1259	0.1	H	MG	topsoil		Fills gap in FII. Rail		13		<0.3	41		0.5			33		110	2.04		0.5				
TP1259	0.3	H	MG	redshale		Fills gap in FII. Rail		11	1.3	<0.3	39		0.2	267	<5	28	440	54	1.73	<5	1.1	9	40	1100	62
TP1260	0.15	H	MG	SILT				21		0.5	48		0.5			44		240	2.38		1.3				
TP1260	0.3	H	MG	SILT				17		<0.3	39		0.5			35		220	2.34		1.1				
TP1261	0.4	H	MG	SILT	glass tile china			11	1.7	<0.3	43		0.2	303	<5	33	410	60	1.78	<5	0.7	6	28	1090	59
TP1261	1	H	Nat	SILT				3	1.8	<0.3	40		<0.1	170	<5	23	390	7	0.85	<5	<0.3	8	14	1100	37
TP1262	0.15	H	MG	SILT	glass, brick			6		<0.3	34		0.1			20		62	1.79		<0.3				
TP1262	0.5	H	Nat	CLAY				6		<0.3	41		<0.1			26		7	0.85		0.4				
TP1266	0.3	H	MG	SILT	brick tile blaes			8		<0.3	38		0.2			22		81	1.91		<0.3				
TP1266	1	H	Nat	SAND				4		<0.3	35		<0.1			15		8	0.90		2				
TP1267	0.25	H	MG	GRAVEL	ash	Rail		10	2.7	<0.3	29		0.2	383	<5	62	490	100	2.00	<5	0.7	6	65	898	73
TP1269	0.2	H	MG	SILT				9		<0.3	50		0.1			49		42	1.62		<0.3				
TP1269	0.5	H	MG	GRAVEL	type 1 ash concrete blaes			13		<0.3	79		<0.1			65		15	1.18		0.7				
TP1270	0.1	H	MG	GRAVEL	ash	Rail		6	6.2	<0.3	32		0.2	362	<5	92	460	31	1.49	<5	<0.3	7	140	1050	130
TP1270	0.3	H	MG	CLAY		Rail		7	1.6	<0.3	46		<0.1	369	<5	34	450	22	1.34	<5	<0.3	8	25	1020	58
TP1272	0.5	H	MG	ASH/SILT		Ash. Road		13	7.2	<0.3	45		0.1	180	<5	87	2280	61	1.79	<5	2.6	3	733	1030	140
TP1273	0.3	H	Nat	SILT				5		<0.3	42		<0.1			12		8	0.90		1.6				
TP1273	0.7	H	Nat	PEAT				8		0.3	19		<0.1			27		<3	0.48		0.4				
TP1274	0.3	H	MG	SILT				10	1.8	<0.3	41		0.3	435	<5	37	593	90	1.95	<5	<0.3	8	22	1200	73
TP1274	0.5	H	Nat	SILT				8	1.6	<0.3	47		<0.1	1020	<5	40	627	4	0.60	<5	1.9	7	23	1010	56
TP1275	0.3	H	MG	SILT				22		0.4	43		0.1			57		55	1.74		<0.3				
TP1275	0.6	H	Nat	SILT				5		<0.3	39		<0.1			23		10	1.00		<0.3				
TP1279	0.1	H	MG	SILT		Rail		13	2.3	0.7	36		0.3	486	<5	35	938	150	2.18	<5	<0.3	27	59	1770	86
TP1279	1	H	Nat	SILT/CLAY		Rail		17	4.5	<0.3	37		<0.1	895	7	31	1200	9	0.95	<5	0.4	9	120	3010	90
TP1281	0.3	H	MG	SILT				8		<0.3	31		0.2			25		72	1.86		0.6				
TP1281	0.6	H	Nat	SILT				7		<0.3	47		<0.1			42		<3	0.48		0.6				
TP1282	0.7	H	MG	ASH/SILT		Ash		18	4.9	<0.3	40		0.1	170	<5	86	2090	41	1.61	<5	0.5	2	647	916	140
TP1283	0.1	H	MG	SILT				9		<0.3	33		0.4			32		140	2.15		1				
TP1284	0.1	H	MG	SILT		Rail		10		<0.3	34		0.1			41		64	1.81		1.2				
TP1284	0.5	H	MG	GRAVEL		Rail		22		<0.3	48		<0.1			67		20	1.30		2.4				
TP1286	0.7	H	MG	SAND		Rail		10		<0.3	33		0.1			51		56	1.75		0.4				
TP1288	0.3	I	MG	CLAY				9	2.9	<0.3	36		0.1	623	<5	33	570	39	1.59	<5	<0.3	9	29	2190	70
TP1288	0.6	I	MG	GRAVEL				16	3.1	1.1	42		0.4	646	<5	51	656	170	2.23	5	1	11	74	2260	100
TP1289	0.3	I	MG	SILT				10		<0.3	32		<0.1			23		24	1.38		0.3				
TP1289	0.8	I	Nat	SAND & GRAVEL				12		<0.3	20		<0.1			18		12	1.08		<0.3				
TP1290	0.05	I	MG	topsoil	clinker	Rail		6		<0.3	23		<0.1			26		57	1.76		0.5				
TP1291	0.1	I	MG	CLAY				11		<0.3	46		<0.1			39		23	1.36		0.3				
TP1291	0.5	I	MG	CLAY				8		<0.3	34		<0.1			30		20	1.30		<0.3				
TP1292	0.1	I	MG	SILT				10		<0.3	35		0.1			31		60	1.78		0.4				
TP1292	0.3	I	MG	SILT				9		<0.3	42		0.1			35		83	1.92		0.3				
TP1293	0.1	I	MG	topsoil	?asbestos	Rail		8	1.9	<0.3	36		<0.1	737	<5	34	604	24	1.38	<5	<0.3	5	20	1450	53

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1293	0.3	I	Nat	brown till		Rail		7	1.7	<0.3	31		<0.1	693	<5	28	559	7	0.85	<5	<0.3	5	28	1330	45
TP1294	0.1	I	MG	silt				10		<0.3	37		0.2			32		73	1.86		0.5				
TP1294	0.5	I	MG	silt				11		<0.3	44		0.2			37		130	2.11		0.5				
TP1295	0.3	I	MG	GRAVEL				14		<0.3	31		<0.1			56		110	2.04		0.8				
TP1296	0.2	I	MG	SILT	brick tile charcoal			18		<0.3	47		0.3			38		110	2.04		1.8				
TP1298	0.1	I	MG	SILT	brick tile charcoal glass			12	2.1	<0.3	44		0.4	371	<5	35	582	170	2.23	<5	0.7	11	22	1590	110
TP1298	0.5	I	Nat	SAND				10	2.7	<0.3	16		0.1	265	<5	10	240	9	0.95	<5	<0.3	9	10	1970	42
TP1299	0.3	I	MG	GRAVEL	brick rubble	Rail		7		<0.3	29		<0.1			28		21	1.32		<0.3				
TP1299	0.5	I	MG	SILT		Rail		5		<0.3	29		<0.1			23		4	0.60		<0.3				
TP1300	0.3	F	MG	SILT				14	3.9	<0.3	48		0.2	718	<5	42	1020	210	2.32	<5	0.7	13	31	2760	110
TP1300	0.7	F	MG	SILT				15	3	<0.3	56		<0.1	622	<5	43	718	110	2.04	<5	0.6	8	24	2110	110
TP1301	0.1	I	MG	SILT	brick blaes tile ash polystyrene	Rail		17	1.8	<0.3	43		0.5	320	<5	36	643	110	2.04	<5	0.9	8	28	1360	91
TP1301	0.5	I	MG	GRAVEL	blaes concrete frags	Rail		17	2.3	<0.3	38		0.3	465	<5	47	460	110	2.04	<5	0.9	6	66	1150	78
TP1302	0.1	I	MG	SILT	brick			11		<0.3	44		0.3			32		49	1.69		0.4				
TP1302	0.5	I	MG	SILT				13		<0.3	46		0.3			27		57	1.76		0.4				
TP1304	0.2	I	MG	SILT				12		<0.3	46		0.2			31		120	2.08		1.8				
TP1304	0.4	I	MG	SILT				7		<0.3	45		<0.1			23		15	1.18		<0.3				
TP1305	0.3	I	Nat	SILT	tile			23	2.4	0.4	50		0.6	364	<5	37	689	230	2.36	<5	0.8	16	25	1050	97
TP1307	0.2	I	MG	GRAVEL	ash brick blaes			6	6.9	<0.3	20		0.9	284	<5	100	908	25	1.40	<5	0.6	3	270	830	100
TP1310	0.3	I	MG	SILT	charcoal tile			11	2.3	<0.3	40		0.3	298	<5	38	751	100	2.00	<5	0.5	7	26	1320	84
TP1310	0.5	I	MG	SILT/CLAY				10	1.8	<0.3	52		<0.1	216	<5	31	420	5	0.70	<5	<0.3	5	20	1390	69
TP1321	0.1	J	MG	SILT	glass tile brk charc			5	2.3	<0.3	52		0.3	709	<5	52	691	28	1.45	<5	0.3	6	22	1570	81
TP1321	0.3	J	MG	SILT	glass tile brk charc			12		<0.3	42		0.2			32		76	1.88		0.6				
TP1326	0.3	J	MG	SILT				7		<0.3	31		0.2			26		51	1.71		0.4				
TP1326	0.5	J	Nat	SILT				10		<0.3	58		<0.1			39		5	0.70		0.5				
TP1338	0.1	J	MG	SILT	purple staining brk blaes tile glass charc			8	1.8	<0.3	47		<0.1	675	<5	46	616	110	2.04	<5	<0.3	6	21	1450	67
TP1338	0.5	J	MG	SILT	purple staining brk blaes tile glass charc			8	1.8	<0.3	51		<0.1	657	<5	48	649	92	1.96	<5	<0.3	5	32	1400	67
TP1339	0.1	J	MG	SILT/CLAY				9	1.9	<0.3	60		<0.1	719	<5	56	781	26	1.41	<5	<0.3	5	23	1480	73
TP1339	0.3	J	MG	SILT				8		<0.3	67		0.1			60		33	1.52		<0.3				
TP1340	0.25	J	MG	sand				9		<0.3	43		0.5			43		33	1.52		1.1				
TP1340	0.5	J	MG	sandy clay				9		<0.3	50		0.6			49		15	1.18		<0.3				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1343	0.1	J	MG	GRAVEL	ash			11	2.2	<0.3	34		<0.1	680	<5	83	561	<3	0.48	<5	<0.3	6	110	1440	42
TP1343	1	J	MG	GRAVEL	blaes			21	1.5	<0.3	45		<0.1	342	<5	51	460	29	1.46	<5	<0.3	4	74	1020	64
TP1345	0.3	J	MG	GRAVEL	type 1	Substation		12		<0.3	23		<0.1			29		3	0.48		2				
TP1345	0.5	J	MG	SILT		Substation		13		<0.3	88		<0.1			78		<3	0.48		<0.3				
TP1348	0.3	J	MG	GRAVEL	ash			8	2.1	<0.3	17		0.3	65	<5	53	330	403	2.61	<5	2.5	3	100	603	60
TP1348	0.5	J	MG	SILT				26	1.8	<0.3	54		2.9	281	<5	37	578	7	0.85	<5	0.4	4	23	1050	53
TP1350	0.1	J	MG	GRAVEL	blaes	MG Small tip		15	1.7	<0.3	70		<0.1	941	<5	62	823	43	1.63	<5	0.8	3	89	751	61
TP1350	0.3	J	MG	GRAVEL	blaes	MG Small tip		13	1.7	<0.3	56		0.2	906	<5	48	683	41	1.61	<5	1.5	3	99	728	59
TP1351	0.5	J	MG	GRAVEL	type 1 brk and blaes	Spent acid lagoon		13	2.3	<0.3	45		0.1	1650	<5	42	1220	95	1.98	<5	0.8	6	76	1920	94
TP1353	0.1	J	MG	GRAVEL	ash coal metal			10	2	<0.3	33		<0.1	640	<5	43	631	61	1.79	<5	0.6	6	76	1550	69
TP1353	0.5	J	MG	GRAVEL	ash coal metal			9	1.4	<0.3	50		0.1	301	<5	40	565	23	1.36	<5	0.3	4	32	1170	60
TP1354	0.5	J	MG	SILT	brick metal concrete	Ash		18		<0.3	22		1.1			41		408	2.61		1.8				
TP1354	1	J	Nat	PEAT		Ash		1		<0.3	<5		<0.1			<5		<3	0.48		<0.3				
TP1355	0.1	J	MG	GRAVEL	tarmac brick			11	3.2	<0.3	68		0.7	821	<5	81	831	585	2.77	<5	3.3	10	84	2510	120
TP1355	0.5	J	MG	GRAVEL	tarmac brick			2	<0.1	<0.3	6		0.1	96	<5	<5	170	29	1.46	<5	0.8	<2	61	62	<5
TP1356	0.1	J	MG	GRAVEL	ash	Ash		5	3	0.7	18		0.3	526	<5	34	534	81	1.91	<5	1.9	8	96	2210	74
TP1356	0.3	J	MG	GRAVEL	ash	Ash		5	1.6	1.3	19		0.3	281	<5	30	390	438	2.64	<5	2.3	4	53	665	61
TP1356	1	J	Nat	PEAT		Ash		4	<0.1	<0.3	<5		<0.1	50	<5	<5	120	7	0.85	<5	0.4	<2	57	23	<5
TP1358	0.3	J	MG	GRAVEL	ash and coal	MG Coal		7	1.2	<0.3	30		<0.1	485	<5	32	620	270	2.43	<5	1	2	43	731	50
TP1358	1	J	MG	GRAVEL	ash and coal	MG Coal		12	2.4	<0.3	30		<0.1	316	<5	50	956	240	2.38	<5	1.3	13	38	849	69
TP1360	0.4	J	MG	GRAVEL	blaes	MG Coal		22	2.3	<0.3	45		<0.1	477	<5	69	230	<3	0.48	6	1.5	3	170	798	52
TP1360	1	J	MG	GRAVEL	blaes	MG Coal		8	1.9	<0.3	37		<0.1	230	<5	33	814	140	2.15	<5	0.9	8	50	1070	66
TP1362	0.3	K	MG	SAND		Ash		9	7.4	<0.3	32		0.2	918	<5	38	1360	54	1.73	<5	0.4	17	140	4950	120
TP1363	0.1	K	MG	clay				9	1.8	<0.3	47		0.1	928	<5	23	910	58	1.76	<5	0.5	5	14	1330	85
TP1363	0.3	K	MG	clay				6	6	<0.3	27		<0.1	433	<5	16	1070	20	1.30	<5	<0.3	18	23	4240	86
TP1364	0.25	K	MG	silt	wood, metal rubber	Acid Ast. Road		7	5.1	<0.3	37		<0.1	545	<5	24	794	130	2.11	<5	<0.3	14	45	3660	75
TP1365	0.5	K	MG	clinker		Kerosene AST		14	1.3	<0.3	38		<0.1	180	<5	35	330	21	1.32	<5	<0.3	4	55	1030	31
TP1367	0.4	K	MG	clay	clinker, asphalt			7	5.4	<0.3	32		<0.1	503	<5	21	977	18	1.26	<5	<0.3	15	48	3840	85
TP1367	0.8	K	MG	sandy gravel				13	7	<0.3	30		<0.1	522	<5	20	1550	8	0.90	<5	<0.3	19	34	5060	120
TP1368	0.35	K	MG	sandy silt				11	1.8	<0.3	39		0.2	362	<5	33	765	77	1.89	<5	0.6	8	24	1330	61
TP1369	0.3	K	MG	silt	clinker			20	7.7	<0.3	37		0.2	416	6	140	450	150	2.18	<5	1.2	6	200	915	110
TP1369	0.7	K	MG	clinker				29	1.1	<0.3	32		<0.1	223	<5	40	170	24	1.38	<5	0.3	3	65	920	30
TP1370	0.1	K	MG	sandy silt	asbestos, clinker			6	5	<0.3	28		<0.1	420	<5	16	1070	140	2.15	<5	0.6	14	16	3750	87
TP1370	0.6	K	MG	sandy silt	asbestos, clinker			7		<0.3	36		0.1			18		42	1.62		0.5				
TP1372	0.1	K	MG	silt	clinker			8		<0.3	33		<0.1			33		89	1.95		0.6				

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V	
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1372	0.25	K	MG	silt	clinker			9		<0.3	35		0.1			33		100	2.00		0.8					
TP1373	0.1	K	MG	clinker				8	2.5	<0.3	17		<0.1	170	<5	55	390	35	1.54	<5	1.4	2	120	578	56	
TP1373	0.5	K	MG	clinker				6	0.9	<0.3	<5		<0.1	190	<5	8	120	13	1.11	<5	<0.3	<2	71	38	22	
TP1374	0.1	K	MG	sandy clay		Tetryl lagoon		7	5.2	<0.3	28		<0.1	382	<5	19	1070	24	1.38	5	0.4	15	21	3750	83	
TP1374	0.8	K	Nat	sandy silt		Tetryl lagoon		6	6.2	<0.3	30		<0.1	445	<5	19	1240	18	1.26	<5	0.3	17	23	4410	99	
TP1376	0.1	K	MG	sandy clay				10		<0.3	40		<0.1			25		73	1.86		0.5					
TP1376	0.35	K	MG	sandy clay	clinker			10		<0.3	37		<0.1			30		44	1.64		<0.3					
TP1377	0.3	K	MG	sandy silt	clinker			13	2.2	<0.3	41		0.1	482	<5	38	692	82	1.91	<5	0.7	6	44	1630	64	
TP1377	0.9	K	MG	sandy silt	oily residue, HC odor			9		<0.3	45		<0.1			35		32	1.51		<0.3					
TP1378	0.1	K	MG	sandy silt				13		<0.3	36		0.4			36		150	2.18		0.8					
TP1378	0.4	K	MG	clayey rubble				12		<0.3	36		0.2			33		91	1.96		<0.3					
TP1379	0.1	K	MG	sandy clay	clinker			7	2.9	<0.3	33		<0.1	554	<5	33	810	64	1.81	<5	0.5	8	34	2220	65	
TP1379	0.7	K	MG	sandy clay	clinker			9		<0.3	28		<0.1			19		41	1.61		<0.3					
TP1380	0.1	K	MG	sandy silt	clinker			14		<0.3	53		0.2			47		120	2.08		1.4					
TP1380	0.6	K	Nat	sandy silt				6		<0.3	49		0.5			35		6	0.78		3.9					
TP1381	0.7	K	MG	SILT		Ash. Road		25	9.8	<0.3	53		0.4	465	<5	130	1630	47	1.67	<5	<0.3	3	576	1190	180	
TP1382	0.1	K	MG	sandy clay				9		<0.3	73		0.3			57		96	1.98		0.4					
TP1382	0.5	K	Nat	sandy clay				6	1.7	<0.3	48		<0.1	490	<5	39	673	24	1.38	<5	<0.3	5	24	1240	67	
TP1383	0.4	K	MG	sandy silt		Road		8		<0.3	44		<0.1			28		23	1.36		<0.3					
TP1384	0.1	K	MG	sandy clay				19		<0.3	39		<0.1			41		230	2.36		0.4					
TP1384	0.4	K	Nat	sandy silt				5		<0.3	48		0.7			32		9	0.95		1.4					
TP1386	0.3	K	MG	clinker				14		0.3	28		<0.1			82		250	2.40		0.8					
TP1387	0.3	K	MG	SAND & GRAVEL		Ash		13	6.4	<0.3	44		0.2	485	<5	79	2540	46	1.66	<5	<0.3	5	684	1110	150	
TP1390	0.1	K	MG	sandy clay	clinker	MG Disturbed ground		6		<0.3	34		<0.1			26		45	1.65		<0.3					
TP1390	0.5	K	MG	sandy clay		MG Disturbed ground		6	3.2	<0.3	41		0.1	627	<5	27	804	24	1.38	<5	<0.3	9	38	2460	74	
TP1391	0.1	K	MG	sandy clay	asbestos			10	3.6	<0.3	41		<0.1	1970	<5	24	844	55	1.74	<5	<0.3	10	110	2700	110	
TP1391	0.4	K	Nat	clayey sand				5		<0.3	26		<0.1			12		11	1.04		<0.3					
TP1392	0.3	K	MG	clay				5		<0.3	38		0.1			34		12	1.08		<0.3					
TP1392	0.7	K	MG	silty sand				5		<0.3	39		<0.1			34		8	0.90		<0.3					
TP1393	0.1	F	MG	SILT				10		<0.3	46		<0.1			41		21	1.32		0.5					
TP1393	0.7	F	Nat	SILT				16		<0.3	47		0.3			35		100	2.00		0.7					
TP1394	0.1	L	MG	SAND & GRAVEL		Rail		17	3.2	<0.3	34		<0.1	377	<5	69	330	16	1.20	<5	0.6	4	110	1120	77	
TP1396	0.3	L	Nat	SILT				11	6.6	<0.3	47		<0.1	1470	<5	23	1170	13	1.11	<5	0.5	18	11	4760	140	
TP1398	0.1	L	MG	SILT				8	2.5	<0.3	25		<0.1	586	<5	29	656	62	1.79	<5	6.6	12	48	1530	52	
TP1398	0.5	L	MG	SILT				11	2.6	<0.3	33		<0.1	627	<5	41	679	86	1.93	<5	1.1	8	75	1610	64	
TP1400	0.1	L	Nat	GRAVEL		Rail		22		<0.3	42		0.2			70		200	2.30		6.4					
TP1400	0.3	L	Nat	GRAVEL		Rail		14		<0.3	34		0.1			58		100	2.00		1.7					
TP1402	0.1	L	Nat	GRAVEL				10		<0.3	32		<0.1			16		36	1.56		0.5					
TP1402	0.3	L	Nat	GRAVEL				12		0.4	150		<0.1			91		4	0.60		0.6					
TP1404	0.1	L	MG	gravel		Burning ground		32000	13	1.4	0.5	23	<0.1	1150	<5	22	1740	<3	0.48	<5	<0.3	25	10	6920	150	
TP1404	0.6	L	Nat	gravel		Burning ground		13	1.5	<0.3	22		<0.1	1010	<5	25	1940	<3	0.48	<5	<0.3	25	11	6750	150	
TP1405	0.1	L	MG	clinker		Burning ground		4	0.4	<0.3	39		0.1	110		9	52	87	170	2.23	<5	<0.3	13	30	200	20

Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1405	0.3	L	MG	clinker		Burning ground		6	<0.1	<0.3	44		0.7	65	8	25	9	<3	0.48	<5	0.7	5	13	73	15
TP1406	0.5	L	MG	sandy clay	clinker	Burning ground		9	2.9	<0.3	51		0.6	373	<5	47	1190	140	2.15	<5	<0.3	11	43	2780	130
TP1406	1	L	Nat	clay		Burning ground		9	1.4	<0.3	46		<0.1	413	<5	32	450	9	0.95	<5	<0.3	8	25	2190	98
TP1407	0.3	L	MG	SILT	brick, tile, glass, concrete			9		<0.3	40		0.1			46		98	1.99		0.7				
TP1408	0.2	L	MG	SILT	glass, tile			13		<0.3	39		0.9			50		240	2.38		1				
TP1408	0.5	L	MG	SILT				3		<0.3	39		<0.1			21		3	0.48		0.6				
TP1409	0.1	L	MG	gravel		Burning ground. Road		6	1.1	<0.3	33		<0.1	788	<5	48	670	590	2.77	<5	0.5	9	150	1120	54
TP1409	0.55	L	Nat	silt		Burning ground. Road		7	1.2	<0.3	49		<0.1	286	<5	33	220	24	1.38	<5	<0.3	5	25	1380	64
TP1410	0.1	L	MG	clinker		Burning ground		48	0.1	1.1	82		<0.1	110	10	29	100	467	2.67	<5	0.6	17	32	170	17
TP1410	0.6	L	MG	clinker	pockets white clinker	Burning ground		2	<0.1	<0.3	31		<0.1	84	9	28	40	304	2.48	<5	<0.3	3	11	77	15
TP1411	0.1	L	MG	clay	clinker	Burning ground	24000	10	1.8	<0.3	28		0.2	718	<5	40	812	88	1.94	<5	0.5	10	80	2570	78
TP1411	0.5	L	MG	clay		Burning ground		9	2.8	<0.3	25		<0.1	5920	<5	32	1330	130	2.11	<5	<0.3	16	40	4260	150
TP1413	0.6	L	MG	sandy clay	HC odour	Burning ground		7	0.9	<0.3	49		<0.1	213	<5	26	536	11	1.04	<5	<0.3	6	24	1340	62
TP1414	0.3	L	MG	SILT	tile, glass, charcoal			13	2.5	<0.3	39		0.8	290	<5	43	653	210	2.32	<5	1.8	15	33	918	72
TP1415	0.2	L	MG	clay	clinker	Burning ground	16000	23	4.3	0.8	49		0.8	493	<5	60	950	346	2.54	<5	0.8	20	51	1060	100
TP1415	0.5	L	Nat	silt		Burning ground		5	1.3	<0.3	43		<0.1	439	<5	40	665	12	1.08	<5	<0.3	6	26	1450	59
TP1416	0.05	L	MG	clinker		Burning ground	11000	10	3.1	0.5	22		<0.1	222	<5	61	588	100	2.00	<5	1.4	11	170	809	57
TP1416	0.3	L	MG	ashy sand		Burning ground		16	6.7	0.4	40		<0.1	160	<5	83	1710	91	1.96	<5	1.7	3	450	1020	130
TP1417	0.3	L	MG	GRAVEL	ash	MG Disturbed ground		30	2.2	0.3	54		<0.1	456	<5	80	340	633	2.80	<5	2.4	7	63	850	98
TP1418	0.1	L	MG	clinker		Burning ground	10000	14	4.2	0.4	32		<0.1	225	<5	84	500	160	2.20	<5	1	13	160	907	89
TP1418	1	L	MG	clay	clinker	Burning ground		17	3.9	<0.3	41		0.5	329	<5	56	967	260	2.41	<5	0.7	16	61	987	100
TP1419	0.3	L	MG	clinker		Burning ground		10	5.3	<0.3	20		<0.1	215	<5	85	516	749	2.87	<5	0.9	4	240	948	71
TP1419	1	L	Nat	clay		Burning ground		12	2.9	<0.3	27		0.5	504	<5	44	1060	170	2.23	<5	0.5	11	55	2780	98
TP1420	0.3	L	MG	clinker		Burning ground	16000	20	12	<0.3	58		0.2	225	<5	120	1600	76	1.88	<5	2.6	6	557	1550	180
TP1421	0.1	L	MG	clay				16	3.9	<0.3	39		0.3	359	<5	71	661	180	2.26	<5	0.8	7	130	821	110
TP1421	0.5	L	MG	clay				14	2.6	0.6	51		0.6	583	<5	54	813	190	2.28	<5	0.5	6	48	1270	88
TP1422	0.2	L	MG	GRAVEL	ash	MG Disturbed ground		15	1.9	<0.3	31		0.1	666	<5	49	643	584	2.77	<5	0.9	15	50	934	72
TP1423	0.1	L	MG	GRAVEL	ash	Road		7	2.7	<0.3	36		0.1	120	<5	54	490	57	1.76	<5	2.4	3	120	912	73
TP1423	0.5	L	MG	SILT/CLAY	visible and strong odour HC	Road		9		<0.3	43		0.1			23		28	1.45		0.6				
TP1424	0.1	L	MG	SILT				11		<0.3	27		<0.1			45		11	1.04		0.3				
TP1424	0.4	L	MG	SILT				9		<0.3	29		<0.1			16		16	1.20		<0.3				
TP1425	0.4	L	MG	GRAVEL	concrete, type 1			6		<0.3	41		0.2			34		<3	0.48		0.4				
TP1426	0.3	L	MG	GRAVEL	ash, clinker	Ash		8	2.5	<0.3	51		0.2	267	<5	41	538	7	0.85	<5	2	6	31	1580	66
TP1427	0.2	L	MG	SILT	charcoal	MG General waste		34		0.8	74		2.9			85		384	2.58		2.7				
TP1427	0.5	L	MG	CLAY		MG General waste		30		1.5	53		0.2			68		340	2.53		2.5				

Table A4.2 ROS - Metals and Non-metals


Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1428	0.5	L	MG	sand like ash	clinker	Ash		7	1.5	<0.3	49		1.7	506	<5	38	645	<3	0.48	<5	2.1	4	26	1060	60
TP1431	0.1	L	MG	sandy silt	clinker	General storage		19	3.5	<0.3	44		1.1	315	<5	65	928	250	2.40	<5	1.1	10	48	910	120
TP1431	0.3	L	Nat	sandy silt		General storage		8	1.8	<0.3	57		<0.1	263	<5	39	800	29	1.46	<5	<0.3	4	36	1040	56
TP1432	0.5	L	MG	SILT		MG Coal. Drum store		21		1.2	36		1.1			95		180	2.26		0.9				
TP1432	1	L	Nat	CLAY		MG Coal. Drum store		4		<0.3	48		<0.1			22		9	0.95		0.5				
TP1433	0.2	L	MG	GRAVEL	ash	Rail		7	7.2	0.3	24		0.3	221	<5	110	559	24	1.38	<5	1	3	220	846	110
TP1434	0.1	L	MG	clinker		General storage		250		4.4	260		0.2			140		2200	3.34		<0.3				
TP1434	0.5	L	MG	sandy clay		General storage		18		<0.3	46		0.8			64		290	2.46		1				
TP1435	0.2	L	MG	GRAVEL	ash			19	3.8	0.4	45		0.2	581	<5	62	1210	290	2.46	5	2.8	64	57	1360	110
TP1436	0.25	L	MG	SILT				15		<0.3	42		0.4			21		130	2.11		1				
TP1436	0.5	L	MG	PEAT				11	2	<0.3	58		<0.1	160	<5	21	280	18	1.26	<5	0.6	6	12	1550	63
TP1437	0.2	L	MG	silt/sand sized ash		Ash		7	6.9	<0.3	41		0.8	140	<5	68	2180	42	1.62	<5	0.4	4	619	1100	110
TP1437	1	L	MG	silt/sand sized ash		Ash		16	4.7	0.4	41		<0.1	160	<5	69	1190	46	1.66	<5	1.4	4	448	1080	130
TP1438	0.4	L	MG	GRAVEL	blaes, clinker	Ash		18	1.5	<0.3	29		<0.1	140	<5	50	160	26	1.41	<5	0.5	4	51	1050	46
TP1439	0.5	L	MG	SILT/SAND sized ash		Ash		11	6.8	<0.3	39		<0.1	89	<5	63	2850	40	1.60	<5	1.5	4	1010	1070	140
TP1466	0.5	N	MG	GRAVEL	ash			9	3.3	<0.3	35		0.3	265	<5	80	610	59	1.77	<5	1.1	<2	150	569	51
TP1466	1	N	Nat	CLAY				11	1.7	<0.3	56		0.1	524	<5	42	1030	110	2.04	<5	1.9	3	31	1040	53
TP1467	0.1	N	MG	SILT				13		<0.3	67		0.3			42		130	2.11		1.1				
TP1467	0.3	N	Nat	SILT				14		<0.3	47		0.3			32		120	2.08		0.5				
TP1469	0.3	N	MG	SILT	brick, concrete	o/s Darg Hs range		11	1.9	<0.3	33		1.8	597	<5	89	759	12600	4.10	120	0.6	5	27	1330	43
TP1469	0.5	N	MG	SILT	brick, concrete			10	2.1	<0.3	50		<0.1	682	<5	29	490	46	1.66	<5	1.6	5	17	1310	50
TP1470	0.3	O	MG	SILT		Road		4		<0.3	7		0.1			21		77	1.89		1.6				
TP1470	0.5	O	Nat	PEAT		Road		6		<0.3	9		<0.1			23		49	1.69		1.2				
TP1472	0.15	E	MG	SILT				11		<0.3	46		0.4			52		140	2.15		0.3				
TP1472	0.4	E	MG	CLAY				6		<0.3	68		<0.1			62		25	1.40		6.4				
TP1484	0.1	P	MG	SILT				4		<0.3	21		<0.1			17		23	1.36		2.1				
TP1484	0.5	P	MG	SILT				6		<0.3	37		1.6			25		14	1.15		0.5				
TP1486	0.3	P	MG	SILT				8	1.8	<0.3	28		<0.1	392	<5	26	490	21	1.32	<5	0.6	4	24	1140	43
TP1486	0.7	P	Nat	SILT				3	1.6	<0.3	20		<0.1	150	<5	15	330	<3	0.48	<5	1	4	8	1080	27
TP1490	0.5	P	MG	reworked till				8		<0.3	37		<0.1			25		8	0.90		<0.3				
TP1491	0.1	P	Nat	SILT				6		<0.3	33		<0.1			27		53	1.72		0.3				
TP1492	0.1	P	MG	topsoil				5	5.6	<0.3	33		<0.1	382	<5	22	782	35	1.54	<5	<0.3	13	15	3820	85
TP1492	0.4	P	MG	friable silt				5	5.5	<0.3	32		<0.1	407	<5	19	622	21	1.32	<5	1	13	12	3730	82
TP1494	0.5	P	MG	SILT/CLAY	rubble			6		<0.3	29		<0.1			24		10	1.00		<0.3				
TP1496	0.1	P	MG	SILT				6	1.6	<0.3	31		<0.1	393	<5	25	526	14	1.15	<5	0.6	4	20	1100	46
TP1496	0.3	P	MG	SILT				5	1.8	<0.3	28		0.2	426	<5	25	518	8	0.90	<5	0.5	4	27	1200	42
TP1497	0.25	C	MG	SAND				4	2.8	<0.3	14		0.2	437	<5	11	590	5	0.70	<5	0.5	6	11	2050	40
TP1497	0.5	C	Nat	SAND				6	6.8	<0.3	22		0.2	1060	<5	22	882	8	0.90	<5	<0.3	17	15	4860	79
TP1498	0.3	P	MG	GRAVEL	ash			9	4.8	0.3	26		<0.1	690	<5	78	815	36	1.56	<5	<0.3	5	160	1280	110

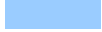
Table A4.2 ROS - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr VI	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1502	0.3	Q	MG	ash	tip?	Nethermill tip		45	2.6	1	49		1.6	325	<5	94	692	180	2.26	<5	9.6	19	130	991	60
TP1502	1	Q	MG	ash	tip?	Nethermill tip		61	2.8	1.6	44		2.2	260	<5	110	768	280	2.45	<5	11	10	150	981	60
TP1503	0.7	Q	MG	GRAVEL		MG Netherfield Tip 2		10	1.9	<0.3	91		0.1	776	<5	64	1590	85	1.93	<5	0.3	11	240	870	75
TP1506	0.3	Q	MG	SILT		Fuel AST		9		<0.3	130		0.2			91		190	2.28		<0.3				
TP1625	0.1	L	MG	GRAVEL		Coal store		9		<0.3	34		<0.1			51		97	1.99		<0.3				
TP1625	0.7	L	Nat	SILT		Coal store		15		<0.3	68		<0.1			22		18	1.26		0.9				
TP1626	0.1	Q	MG	SILT		Netherfield tip 1		16	1.3	<0.3	64		0.5	296	<5	32	781	250	2.40	15	<0.3	16	90	846	70
TP1626	0.5	Q	Nat	SILT		Netherfield tip 1		6	1.1	<0.3	67		<0.1	202	<5	34	642	15	1.18	<5	<0.3	3	47	903	57
TP1629	0.3	Q	MG	SILT		MG Netherfield Tip 1		165		7.3	94		0.6			100		543	2.73		66.4				
TP1629	0.8	Q	MG	SILT		MG Netherfield Tip 1		17		<0.3	98		0.3			72		280	2.45		2.2				

**Table A4.3**  
**Retained Land**  
**Metals and Non-metals**

n	44	279	46	279	279	22	279	75	81	279	73	279	279	219	261	33	62	75	67
min	450	1	0.1	0.1	5	1	0.1	5	4	5	130	3	0.48	3	0.3	2	14	10	4
mean	13981.4	18	2.0	0.9	41	1	0.8	345	5.3	67	807	408	2.0	5.5	1.7	58	125	787	70
max	36700	146	21.5	50.2	240	1	11.3	980	26	310	4620	20900	4.32	120	35.1	1600	520	2000	320
n detected	44	266	36	183	258	0	204	74	22	258	63	267	-	154	232	30	62	73	52
Tier 2 criteria	91500	20	202	30	200	200	15	2840	634	75	452000	450	2.65	16	260	17000	12100	81100	640
n exceeded	0	73	0	1	1	0	0	0	0	90	0		51	8	0	0	0	0	0
<b>MeanVT</b>																			
stdev	9587.7	18.3	3.6	3.5	25	0.0	1.5	229.1	3.1	52	615.0		0.6	11.3	2.7	277.2	114.2	505.8	51.5
t	1.684	1.658	1.684	1.658	1.658	1.717	1.658	1.671	1.671	1.658	1.671		1.658	1.658	1.658	1.697	1.671	1.671	1.671
mean UC95	16415.4	19.6	2.9	1.2	43	1.0	1.0	389.2	5.8	72	927.0		2.1	6.7	2.0	139.6	148.8	884.1	81.0
pass/fail	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass	pass		pass	pass	pass	pass	pass	pass	pass
Max>criteria?	no	yes	no	yes	yes	no	no	no	no	yes	no		yes	yes	no	no	no	no	no
<b>MaxVT</b>																			
T		2.937		4.405	2.999					2.134			3.518	6.001					
crit T		3.318		3.318	3.318					3.318			3.318	3.318					
outliers?		no		yes	no					no			yes	yes					

 exceeds Tier 2 criteria

 exceeds Tier 2 criteria + suggested outlier (UC95)

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1258	0.1	H	MG	topsoil		Fills gap in Fil. Rail		14		<0.3	38		0.5			41		170	2.23		0.5				
BH1258	0.5	H	MG	redshale		Fills gap in Fil. Rail		23		<0.3	36		0.1			52		210	2.32		1.4				
BH1271	0.1	H	MG	topsoil		Fills gap in Fil. Rail		9		<0.3	44		0.3			40		33	1.52		0.3				
BH1271	0.3	H	MG	topsoil	brick	Fills gap in Fil. Rail		8	1.1	<0.3	44		0.1	649	<5	42	639	7	0.85	<5	<0.3	4	24	905	50
BH1505	0.1	Q	MG	topsoil	ash	Burning ground	9000	9	0.9	<0.3	40		0.2	200	<5	26	430	751	2.88	8	0.5	7	26	1560	62
BH1505	0.3	Q	Nat	clay		Burning ground	11000	8	1	<0.3	45		0.3	180	<5	30	543	130	2.11	<5	0.4	<2	24	1090	57
ERA B01	0.2	Q						14		1	54		2.4		<4	48		386	2.59						
ERA B02	0.2	Q						6		<0.3	24		0.1		<4	47		47	1.67						
ERA B03	0.2	Q						5		<0.3	23		0.2		<4	56		32	1.51						
ERA B04	0.2	Q				Romney huts		6		0.4	42		0.4		<4	76		130	2.11						
ERA B05	0.2	Q						8		<0.3	28		0.3		<4	17		89	1.95						
ERA B06	0.2	Q				Burning ground		24		2	100		1.1		11	150		20900	4.32						
ERA B07	0.2	Q						13		<0.3	24		0.8		<4	28		402	2.60						
ERA B08	0.2	Q						23		0.7	49		0.7		<4	100		574	2.76						
ERA B09	0.2	Q						6		<0.3	25		0.1		<4	46		38	1.58						
ERA B10	0.2	Q						83		1.7	82		5.1		<4	79		910	2.96						
ERA B11	0.2	Q						13		<0.3	40		0.4		<4	26		150	2.18						
ERA B12	0.2	Q						10		0.9	40		0.2		<4	48		230	2.36						
ERA B13	0.2	Q						16		<0.3	43		0.5		<4	29		130	2.11						
ERA B14	0.2	Q				Test area		11		<0.3	39		0.5		<4	31		120	2.08						
ERA B15	0.2	Q						78		1.7	78		3.2		<4	73		902	2.96						
ERA B16	0.2	Q						51		1	57		3.3		<4	68		806	2.91						
ERA B17	0.2	Q						16		0.9	29		0.4		<4	60		160	2.20						
ERA B18	0.2	Q						7		<0.3	30		0.5		<4	18		78	1.89						
ERA B19	0.2	Q						12		<0.3	36		1		<4	24		160	2.20						
GT PH01	0.3	Q	MG	topsoil	<Null>			12		<0.1	36		0.7			31		150	2.18	3	0.8				

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT PH02	0.4	Q	Nat	topsoil				14		<0.1	35		1.2			29		180	2.26	3	1.2				
GT PH03	0.4	Q	MG	topsoil				9		0.1	43		0.3			32		67	1.83	3	0.7				
GT PH04	0.4	Q	MG	clay topsoil				8		0.1	34		0.4			34		74	1.87	3	0.6				
GT PH05	0.2	Q						16		0.3	40		0.3			34		83	1.92	3	0.7				
GT PH06	0.3	Q						13		<0.1	47		0.9			30		120	2.08	3	0.6				
GT PH07	0.2	Q	MG	topsoil	ashy, clinker coal			19		0.7	40		0.6			57		140	2.15	3	0.7				
GT PH08	0.3	Q	MG	topsoil				14		<0.1	31		0.4			24		110	2.04	3	0.6				
GT PH09	0.4	Q	Nat	topsoil				14		0.2	36		0.3			28		74	1.87	3	0.4				
GT PH11	0.3	Q	Nat	topsoil		NG contam soil		8		0.1	37		0.5			30		120	2.08	3	0.8				
GT PH13	0.3	Q	MG	topsoil				10		<0.1	29		0.4			26		82	1.91	3	0.6				
GT PH13	0.6	Q	Nat	sand				6		0.1	37		<0.1			27		10	1.00	3	<0.3				
GT PH15	0.4	Q	Nat	topsoil				9		0.1	34		0.4			25		64	1.81	3	0.6				
GT PH17	0.2	Q	MG	topsoil				9		0.1	37		0.2			27		92	1.96	3	0.6				
GT PH18	0.2	Q	MG	topsoil				11		0.1	37		0.2			28		95	1.98	3	0.5				
GT PH19	0.4	Q	MG	ash	clinker coal		19000	12		0.2	46		0.3	495	4	67	677	190	2.28	3	1.1		59	900	
GT PH19	1	Q	Nat	clay	under ash			7		0.1	43		0.1			40		30	1.48	3	<0.3				
GT PH20	0.4	Q	MG	ashy clinker coal			19000	15		0.4	35	<1	0.2	550	5	130	664	220	2.34	3	1.4		200	840	120
GT PH22	0.6	Q	Nat	clay				4		0.1	32		0.1			26		1010	3.00	74	1.7				
GT PH23	0.3	Q	MG	ashy peat	pottery			146		3.3	75		9.5			63		655	2.82	8	3.1				
GT PH24	0.3	Q	MG	ashy peaty topsoil	coal			47		1	52		3.2			64		554	2.74	3	2				
GT PH25	0.5	Q	MG	clayey peat	little clinker and pottery		13500	45		1.4	46		6	389	<4	60	1550	1040	3.02	5	2.3		87	1070	
GT PH26	0.5	Q	MG	ashy peat	little clinker			16		0.5	21		11.3			50		504	2.70	3	0.7				
GT PH27	0.3	Q	MG	ashy peaty topsoil								<1													
GT PH27	1	Q	Nat	peat				68		1.6	57		1.9			60		606	2.78	3	2.1				
GT PH28	0.5	Q	MG	ashy peat	little clinker			60		5.3	130					110		5540	3.74	21	2.8				
GT PH29	0.5	Q	MG	peat	<Null>		16900	49		1.2	61		4.1	378	<4	67	1610	638	2.80	3	1.9		97	1520	
GT PH30	0.5	Q	MG	ashy peat				35		0.7	35		1.5			60		384	2.58	3	1.3				
GT PH31	0.5	Q	MG	peat	little pottery		11200	59		1.5	48	<1	3.3	290	4	50	1300	1220	3.09	7	1.8		91	780	65
GT PH32	0.5	Q	MG	peaty ash	little clinker			25		0.4	39		1.2			91		280	2.45	3	1.2				
GT TP100	0.3	Q	MG	clinker gravel	bricks and concrete		17200	40		1	28		0.6	718	5	91	608	110	2.04	3	6.6		150	650	61
GT TP100	0.6	Q	MG	clinker gravel	bricks and concrete			39		2	29		0.7			100		170	2.23	<3	6.6				
GT TP100	0.9	Q	MG	blaes				26		<0.1	56		0.2			52		200	2.30	<3	3				
GT TP101	0.4	Q	Nat	peat				54		1	59		7			68		645	2.81	<3	2.2				
GT TP102	0.2	Q	MG	peaty clay	little clinker			68		1.3	62		3.7			65		515	2.71	8	3.1				
GT TP102	0.6	Q	Nat	peat				11		0.3	<5		1.2			<5		10	1.00	3	1.3				
GT TP103	0.2	Q	MG	silty clay	little clinker			27		0.6	46		3.9			71		742	2.87	3	2.2				
GT TP103	0.4	Q	Nat	peat				7		0.1	<5		0.1			<5		21	1.32	3	1.2				
GT TP104	0.4	Q	MG	peaty clay				36		0.5	44		1.9			52		493	2.69	3	1.9				
GT TP105	0.2	Q	MG	ash and clinker		Ash		11		0.1	20		<0.1			60		25	1.40	3	1.3				
GT TP105	0.8	Q	MG	ash		Ash		17		0.3	57		<0.1			110		120	2.08	3	3.2				
GT TP107	0.3	Q	MG	peaty clay	little clinker			40		1.3	56		4.5			71		836	2.92	<3	2.1				

Table A4.3 Ret. Land - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP108	0.2	Q	MG	peaty topsoil				31		0.6	32		1.8			59		418	2.62	4	1.7				
GT TP109	0.1	Q	MG	sandy ash	little clinker	Ash		7		0.1	27		0.1			71		34	1.53	3	1.4				
GT TP109	0.4	Q	MG	ash		Ash		19		0.1	40		0.2			95		64	1.81	3	10				
GT TP111	0.1	Q	MG	ashy clinker gravel				2		0.1	13		<0.1			57		28	1.45	3	2.2				
GT TP112	0.2	Q	MG	topsoil	little clinker			69		1.5	74		5.2			79		1300	3.11	4	2.2				
GT TP113	0.2	Q	MG	peaty clay topsoil	little clinker			47		0.9	46		3.7			85		759	2.88	<3	2.3				
GT TP114	0.2	Q	MG	sandy ash	clinker	Ash		3		0.1	21		0.2			53		24	1.38	3	<0.3				
GT TP114	0.9	Q	MG	ash		Ash	34700	32		0.7	81	<1	<0.1	140	<4	150	987	240	2.38	3	2		309	2000	180
GT TP115	0.1	Q	MG	ashy clay topsoil	little clinker			40		1.1	48		2.8			81		768	2.89	3	2.9				
GT TP115	0.6	Q	MG	peaty clay topsoil	little clinker		6590	10		0.1	61	<1	1.2	481	4	55	538	100	2.00	3	1.2		130	530	
GT TP115	0.8	Q	Nat	peat				7		0.1	<5		1.9			<5		13	1.11	3	0.7				
GT TP116	0.1	Q	MG	ash	little clinker	Ash		3		0.1	13		<0.1			49		12	1.08	3	0.4				
GT TP117	0.2	Q	MG	clayey ash	little clinker			41		0.7	59		2.8			90		557	2.75	3	1.7				
GT TP118	0.3	Q	MG	ashy clinker	brick blaes			41		0.7	56		4.8			110		790	2.90	3	2.4				
GT TP118	1	Q	Nat	peat				5		0.1	5		<0.1			<5		9	0.95	3	1.1				
GT TP119	0.3	Q	MG	sandy ash & clinker		Ash		15		0.1	54		0.1			96		64	1.81	3	2.3				
GT TP119	0.9	Q	MG	ashy clinker		Ash		27		0.3	40		2.1			120		250	2.40	3	3.1				
GT TP120	0.2	Q	MG	ashy clinker	coal & brick			14		0.5	38		0.5			150		351	2.55	3	1.3				
GT TP120	0.6	Q	MG	ashy brick & clinker			21600	15		1	37	<1	0.1	410	4	130	410	210	2.32	3	0.9		150	1060	<4
GT TP121	0.2	Q	Nat	peaty clay topsoil				14		0.4	34		0.9			35		190	2.28	3	1.8				
GT TP122	0.1	Q	MG	ash		Ash		29		0.4	49		0.4			110		150	2.18	3	2				
GT TP122	0.3	Q	MG	sandy ash	little clinker	Ash		7		0.1	16		0.1			44		27	1.43	3	1.1				
GT TP122	1	Q	MG	peaty clay topsoil	little clinker	Ash		25		<0.1	47		2.1			84		509	2.71	3	1.7				
GT TP124	0.1	Q	MG	ash		Ash		5		0.1	21		<0.1			64		24	1.38	<3	0.7				
GT TP124	0.3	Q	MG	ash		Ash		23		0.2	53		0.2			99		66	1.82	<3	7.2				
GT TP125	0.2	Q	MG	peaty clay	little clinker			40		1	48		2.4			56		565	2.75	<3	2.5				
GT TP126	0.2	Q	MG	peaty clay	little clinker			39		1.2	46		5			92		757	2.88	5	2.2				
GT TP127	0.3	Q	MG	sandy ash and clinker		Ash		8		0.1	27		<0.1			73		46	1.66	3	4.2				
GT TP127	0.6	Q	MG	ashy clinker brick blaes		Ash		17		<0.1	30		0.9			80		95	1.98	3	1.7				
GT TP128	0.5	Q	MG	silty clay	clinker blaes			10		0.2	38		0.3			45		170	2.23	<3	0.8				
GT TP129	0.1	Q	MG	ashy brick clinker blaes			30200	39		0.5	63		1.2	591	6	96	1020	327	2.51	3	1.2		140	1500	
GT TP129	0.5	Q	MG	ashy brick blaes coal clinker			27600	17		0.3	44	<1	0.4	444	8	97	710	230	2.36	3	1.9		160	1360	120
GT TP130	0.1	Q	MG	ash & clinker		Ash	9010	8		0.1	22	<1	0.1	72	4	56	240	47	1.67	3	0.6		69	750	42
GT TP130	0.6	Q	MG	ash		Ash	26400	37		0.6	54	<1	0.2	130	<4	110	812	150	2.18	3	8.4		220	1660	<4

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP131	0.2	Q	MG	ashy clinker	brick pottery blaes			26		0.5	47		1			140		230	2.36	3	1.9				
GT TP131	0.8	Q	MG	peaty clay topsoil	below ash			23		0.7	30		2.7			69		541	2.73	5	3.1				
GT TP132	0.2	Q	MG	ashy fill	clinker blaes brick	Ash		20		0.1	49		<0.1			310		180	2.26	<3	0.5				
GT TP132	0.3	Q	MG	ashy fill	clinker blaes brick	Ash		15		0.1	49		<0.1			290		22	1.34	<3	0.3				
GT TP132	0.5	Q	MG	ashy clinker	concrete brick	Ash	13800	39		0.2	36	<1	2.1	719	7	170	1010	578	2.76	3	1.4		230	800	200
GT TP132	0.9	Q	MG	peaty clay topsoil	below ash	Ash		38		0.7	16		5.7			86		6280	3.80	5	6.5				
GT TP132	1	Q	Nat	peat		Ash		4		0.1	<5		<0.1			<5		9	0.95	3	0.8				
GT TP133	0.2	Q	MG	silty clay	little clinker			14		0.4	39		0.5			80		362	2.56	<3	1.2				
GT TP133	0.3	Q	MG	clinker & brick	white oxides			15		0.6	32		0.5			130		250	2.40	<3	1.1				
GT TP134	0.2	Q	MG	silty clay	little clinker			23		0.4	46		0.9			130		490	2.69	<3	1.8				
GT TP135	0.2	Q	MG	ashy clinker		Ash		12		0.5	30		0.2			110		140	2.15	3	1.7				
GT TP135	0.3	Q	MG	ashy clinker		Ash		16		0.5	40		0.2			110		230	2.36	3	1.5				
GT TP135	0.6	Q	MG	ashy clinker		Ash		29		0.5	47		1.6			150		381	2.58	3	1.8				
GT TP135	1	Q	Nat	peat		Ash		2		0.1	<5		<0.1			<5		9	0.95	3	1.1				
GT TP136	0.2	Q	MG	ashy clinker		Ash	11100	9		<0.1	19	<1	<0.1	160	<4	110	370	100	2.00	3	1.9		160	700	64
GT TP136	0.4	Q	MG	ashy clinker		Ash		8		0.1	26		<0.1			250		31	1.49	3	0.3				
GT TP136	0.6	Q	MG	ashy clinker		Ash		11		0.1	27		<0.1			140		140	2.15	3	1.1				
GT TP136	1	Q	MG	ashy clinker		Ash	14400	21		0.2	30	<1	0.6	450	5	140	1360	250	2.40	3	1.4		210	810	110
GT TP137	0.4	Q	Nat	silty clay				11		0.1	32		0.4			31		150	2.18	<3	0.5				
GT TP138	0.4	Q	MG	silty clay				6		0.1	40		<0.1			24		9	0.95	3	<0.3				
GT TP139	0.2	Q	MG	ash		Ash	23100	29		0.8	53	<1	<0.1	200	4	99	1140	150	2.18	3	3.9		280	1180	140
GT TP139	0.8	Q	MG	ash		Ash		10		0.3	63		1			68		170	2.23	3	1.9				
GT TP140	0.2	Q	MG	ashy clinker brick				21		1.1	41		0.9			120		339	2.53	3	1.7				
GT TP140	0.7	Q	MG	sandy ash	clinker brick			20		1.7	33		0.4			130		270	2.43	3	1.1				
GT TP141	0.2	Q	MG	ash		Ash		15		0.2	38		0.1			83		58	1.76	3	8.6				
GT TP142	0.3	Q	MG	silty clay	little clinker			48		1	50		5.3			80		707	2.85	3	2				
GT TP143	0.3	Q	Nat	silty clay				11		0.1	42		0.3			28		150	2.18	<3	0.6				
GT TP144	0.4	Q	MG	ash		Ash		19		<0.1	41		0.7			150		66	1.82	3	2.8				
GT TP144	1	Q	MG	ashy clinker		Ash		17		0.1	27		1			110		823	2.92	3	2.2				
GT TP146	0.2	Q	MG	silty clay	little clinker			10		<0.1	36		0.4			32		140	2.15	<3	0.8				
GT TP147	0.1	Q	MG	ashy clinker	coal slate	Test area	26400	35		0.9	54		0.5	518	16	160	729	477	2.68	3	2.9		240	950	
GT TP147	0.4	Q	MG	blaes		Test area	36700	21		<0.1	55	<1	0.2	230	26	42	737	160	2.20		2.6		130	740	81
GT TP147	0.8	Q	Nat	silty topsoil		Test area		13		<0.1	40		0.4			43		170	2.23	3	0.9				
GT TP148	0.2	Q	MG	ashy gravel	clinker coal	Test area	26000	51		0.8	52	<1	1	796	15	230	871	484	2.68	3	2.6		290	1170	160
GT TP148	0.8	Q	MG	silty clay		Test area		6		0.1	40		<0.1			29		23	1.36	3	0.5				
GT TP149	0.2	Q	MG	ash		Ash		29		0.6	45		0.1			100		100	2.00	3	6.1				
GT TP150	0.1	Q	MG	clayey peaty topsoil				21		0.6	41		1.1			36		326	2.51	3	1.6				
GT TP151	0.1	Q	MG	ash	clinker	Ash	10500	4		0.1	19		0.1	110	4	58	807	33	1.52	3	0.6		324	660	
GT TP151	0.5	Q	MG	ash		Ash		20		0.3	38		0.2			110		83	1.92	3	6.9				
GT TP152	0.2	Q	MG	silty clay				10		0.2	15		1			35		230	2.36	<3	1.6				
GT TP153	0.3	Q	MG	silty clay				14		<0.1	30		1			33		527	2.72	3	2.1				

Table A4.3 Ret. Land - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP154	0.3	Q	MG	silty clay	white oxide little clinker			10		0.1	29		0.4			50		130	2.11	<3	1.2				
GT TP154	0.7	Q	Nat	silty clay				8		0.1	28		<0.1			16		12	1.08	3	<0.3				
GT TP156	0.2	Q	MG	silty clay	little clinker			25		0.3	41		0.9			35		230	2.36	<3	1				
GT TP156	0.4	Q	MG	silty clay	little clinker			11		<0.1	46		<0.1			31		11	1.04	<3	0.4				
GT TP157	0.2	Q	MG	silty clay	little clinker			11		0.1	34		0.4			27		140	2.15	<3	0.6				
GT TP160	0.1	Q	MG	silty clay				13		0.1	39		0.5			37		180	2.26	3	0.8				
GT TP161	0.1	Q	MG	silty clay				17		0.2	44		0.5			34		180	2.26	3	0.9				
GT TP162	0.2	Q	MG	clay gravel	clinker brick glass			12		<0.1	38		0.6			55		260	2.41	3	2				
GT TP163	0.3	Q	MG	clayey gravel	clinker brick pottery			16		0.1	37		0.8			45		435	2.64	<3	1.1				
GT TP163	0.5	Q	Nat	silty clay				8		0.1	50		<0.1			35		14	1.15	<3	<0.3				
GT TP164	0.3	Q	MG	silty clay	little clinker	Romney huts		11		<0.1	37		0.2			29		100	2.00	<3	0.7				
GT TP165	0.2	Q	MG	ash	clinker	Ash		21		1.2	30		0.4			87		635	2.80	<3	3.2				
GT TP165	0.6	Q	Nat	clay topsoil		Ash		12		0.1	37		2.5			35		290	2.46	3	1.7				
GT TP167	0.2	Q	MG	silty ashy gravel	clinker			13		0.1	32		0.1			140		80	1.90	3	0.7				
GT TP167	0.5	Q	MG	silty clay	little clinker			5		0.1	33		0.2			23		50	1.70	3	0.5				
GT TP167	0.8	Q	Nat	silty clay				7		0.1	38		<0.1			38		8	0.90	3	0.4				
GT TP168	0.1	Q	MG	silty clay	little sst coal			14		0.2	40		0.7			30		130	2.11	3	0.6				
GT TP169	0.1	Q	MG	silty clay	pottery			12		0.1	34		0.3			35		402	2.60	3	0.9				
GT TP170	0.3	Q	Nat	sandy clay				6		0.1	41		<0.1			44		12	1.08	3	0.4				
GT TP171	0.2	Q	MG	silty clay	little clinker pottery			12		0.1	41		0.2			33		30	1.48	<3	0.6				
GT TP171	0.4	Q	MG	silty clay	little clinker			9		0.1	47		<0.1			41		16	1.20	<3	0.3				
GT TP172	0.2	Q	MG	silty gravel	clinker white powder	Romney huts		3		0.2	8		<0.1			8		42	1.62	<3	<0.3				
GT TP172	0.3	Q	MG	silty gravel	clinker white powder	Romney huts		18		1.8	150		0.5			120		1090	3.04	9	2.1				
GT TP172	0.8	Q	MG	silty clay	little clinker	Romney huts		10		0.1	41		0.1			40		44	1.64	3	0.3				
GT TP173	0.2	Q	MG	ash	clinker			6		<0.1	30		0.4			150		41	1.61	3	1				
GT TP173	0.4	Q	MG	blaes & brick				16		<0.1	71		<0.1			69		20	1.30	3	2.5				
GT TP173	0.7	Q	MG	silty gravel	clinker concrete brick			4		0.1	21		<0.1			160		50	1.70	3	0.9				
GT TP174	0.5	Q	MG	ash		Ash		22		0.2	44		2			98		88	1.94	3	8.5				
GT TP175	0.1	Q	MG	ash	little clinker	Ash		7		0.3	24		0.2			76		46	1.66	3	1				
GT TP176	0.2	Q	MG	ash & clinker		Ash		29		0.8	54		0.1			120		110	2.04	3	3.7				
GT TP177	0.4	Q	MG	ash		Ash		30		1	63		0.2			140		230	2.36	3	12				
GT TP178	0.2	Q	MG	clinker		Ash		10		0.2	35		<0.1			86		60	1.78	3	0.4				
GT TP178	0.8	Q	MG	ash		Ash		44		1	75		<0.1			150		170	2.23	3	9.1				
GT TP179	0.2	Q	MG	silty clay	little clinker	Romney huts		10		<0.1	240		0.6			43		190	2.28	3	0.9				
GT TP179	0.4	Q	MG	clinker blaes	red & white oxides	Romney huts		29		0.2	47		0.1			88		210	2.32	<3	2.2				
GT TP180	0.2	Q	MG	ashy clay	clinker			7		0.1	32		0.2			150		52	1.72	3	1				
GT TP180	0.5	Q	MG	brick gravel			24000	8		0.3	41	<1	<0.1	583	<4	75	546	95	1.98	3	0.4		150	1400	98
GT TP180	0.6	Q	MG	ashy gravel	clinker brick			10		0.2	27		0.3			110		150	2.18	3	0.7				

Table A4.3 Ret. Land - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP180	0.8	Q	MG	ashy gravel	clinker concrete coal			112		3.4	92		7.6			220		2170	3.34	120	5.4				
GT TP181	0.2	Q	MG	sandy clay topsoil	glass pottery			9		0.3	36		0.3			30		210	2.32	3	0.6				
GT TP182	0.1	Q	MG	ashy clay topsoil				9		<0.1	35		0.2			28		110	2.04	3	0.5				
GT TP183	0.1	Q	MG	sandy clay topsoil	some clinker			10		0.1	34		0.2			47		150	2.18	3	1.2				
GT TP184	0.1	Q	MG	ash	brick clinker blaes			15		<0.1	46		<0.1			98		58	1.76	3	1.2				
GT TP184	0.3	Q	MG	blaes brick clinker				13		<0.1	52		<0.1			58		48	1.68	3	1.8				
GT TP184	0.5	Q	MG	ash & clinker			18000	9		0.2	24	<1	<0.1	398	<4	110	638	180	2.26	3	1.1		210	740	92
GT TP186	0.1	Q	MG	ash & clinker				7		0.3	16		0.3			74		35	1.54	<3	0.9				
GT TP186	0.3	Q	MG	sandy clay	little brick concrete			7		0.1	40		<0.1			39		16	1.20	3	0.4				
GT TP187	0.1	Q	MG	ash & clinker	coal brick concrete			17		0.1	34		0.1			130		170	2.23	3	2.8				
GT TP187	0.4	Q	MG	ashy gravel	blaes clinker brick			16		<0.1	47		0.1			67		71	1.85	<3	1.9				
GT TP187	0.5	Q	MG	ash & clinker				8		0.1	20		<0.1			140		20	1.30	<3	0.6				
GT TP187	0.7	Q	Nat	sandy clay				6		0.1	38		<0.1			38		9	0.95	3	0.5				
GT TP189	0.3	Q	MG	ash & clinker		Burning ground	11200	30		0.6	50	<1	<0.1	326	6	120	864	3000	3.48	50	3.2		220	840	89
GT TP189	0.9	Q	Nat	sandy clay		Burning ground		7		0.1	38		<0.1			36		10	1.00	3	<0.3				
GT TP190	0.2	Q	MG	ashy gravel	clinker brick blaes	Burning ground	15200	14		1.2	37	<1	0.3	435	4	54	536	8460	3.93	53	2.5		74	820	66
GT TP191	0.1	Q	MG	ash	clinker brick pottery	Burning ground		48		26.9	89		0.4			200		1270	3.10	50	35.1				
GT TP191	0.3	Q	MG	ashy bricks		Burning ground		31		11.3	68		0.3			100		1140	3.06	32	6.6				
GT TP191	0.6	Q	MG	sandy clay	little clinker	Burning ground		9		0.2	37		0.2			29		60	1.78	3	0.7				
GT TP192	0.1	Q	MG	ashy gravel	clinker brick pottery	Burning ground		50		50.2	91		0.7			170		1420	3.15	47	4.8				
GT TP192	0.5	Q	MG	ashy gravel	clinker brick pottery	Burning ground	13200	14		2.2	39	<1	<0.1	627	<4	100	597	250	2.40	<3	2		160	970	91
GT TP192	0.7	Q	MG	sandy clay		Burning ground	14200	10		0.1	33	<1	<0.1	349	4	37	699	130	2.11	3	0.8		41	1110	94
GT TP192	1	Q	Nat	silty sand		Burning ground		8		0.1	32		<0.1			33		10	1.00	3	<0.3				
GT TP238	0.2	H	MG	sandy clay topsoil				9		0.1	29		0.2			20		78	1.89	<3	0.5				
GT TP261	0.3	Q	MG	gravel	blaes clinker brick			17		0.1	64		0.2			56		32	1.51	3	2				
GT TP261	1	Q	Nat	silty clay				10		<0.1	29		0.3			26		75	1.88	3	0.4				
GT TP273	0.3	Q	MG	blaes brick concrete				8		0.7	44		<0.1			52		24	1.38	3	0.8				
GT TP283	0.2	Q	MG	ash	clinker			2		0.3	16		0.4			90		30	1.48	3	1.5				
GT TP283	0.8	Q	MG	blaes brick				9		0.1	50		0.3			62		23	1.36	3	3.9				
GT TP289	0.4	Q	MG	clinker	red & white oxides			12		<0.1	25		0.1			98		260	2.41	3	0.9				
GT TP292	0.1	Q	MG	ash	coal clinker		14800	5		0.1	27		<0.1	280	<4	70	594	92	1.96	3	0.8		110	800	

Table A4.3 Ret. Land - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GT TP292	0.4	Q	MG	ash	clinker coal			11		0.8	78		0.2			99	150	2.18	3	1					
GT TP292	1	Q	MG	ashy clinker gravel			11200	8		0.1	30	<1	<0.1	240	4	71	470	40	1.60	3	0.4		120	530	90
HA1264	0.4	H	Nat	PEAT				4		<0.3	26		<0.1			7	26	1.41		<0.3					
HA1264	1	H	Nat	PEAT				26		0.6	17		<0.1			15	35	1.54		0.9					
HA1265	0.1	H	Nat	PEAT				3		<0.3	<5		<0.1			<5	17	1.23		0.6					
HA1265	0.4	H	Nat	PEAT				3		<0.3	5		0.1			5	21	1.32		0.5					
HA1471	0.1	O	Nat	PEAT		Picrite lagoons		4	0.2	<0.3	8		0.1	170	<5	11	480	30	1.48	<5	0.7	5	34	110	10
HA1471	1	O	Nat	PEAT		Picrite lagoons		3		<0.3	<5		0.5			<5	10	1.00		1.4					
HA1473	0.1	O	Nat	PEAT		Picrite lagoons		17		<0.3	21		0.7			34	368	2.57		2.1					
HA1475	0.1	O	Nat	PEAT		Picrite lagoons		3		0.4	8		0.1			12	50	1.70		0.9					
HA1475	0.4	O	Nat	PEAT		Picrite lagoons		2	<0.1	<0.3	7		0.2	76	<5	6	270	34	1.53	<5	0.9	<2	54	130	10
HA1476	0.1	O	Nat	PEAT				5	1.1	<0.3	21		<0.1	202	<5	15	490	65	1.81	<5	0.7	4	14	887	29
HA1476	1	O	Nat	PEAT				4	0.1	<0.3	9		<0.1	62	<5	8	450	47	1.67	<5	1	<2	20	92	8
HA1477	0.1	O	Nat	PEAT				14		0.6	38		0.9			46		422	2.63		1.9				
HA1477	1	O	Nat	PEAT				3	0.2	<0.3	12		0.2	60	<5	9	310	53	1.72	<5	0.5	3	26	91	10
HA1478	0.1	O	MG	GRAVEL		Burning ground		11	2.6	2.7	48		0.2	391	<5	60	572	1000	3.00	16	0.7	26	130	967	69
HA1478	0.4	O	MG	GRAVEL		Burning ground		8	2.6	<0.3	38		0.2	431	<5	46	655	270	2.43	<5	0.5	7	70	1520	71
HA1479	0.1	O	Nat	PEAT		Burning ground		7	1.1	0.6	64		0.6	150	<5	24	564	1430	3.16	12	1.5	33	50	380	32
HA1479	0.4	O	Nat	PEAT		Burning ground		3	0.3	<0.3	8		<0.1	57	<5	7	290	302	2.48	<5	0.5	10	37	110	10
HA1480	0.4	O	Nat	PEAT				3		<0.3	15		0.1			18	45	1.65		<0.3					
HA1482	0.1	O	Nat	PEAT				3		<0.3	<5		0.2			8	40	1.60		1					
HA1482	1	O	Nat	PEAT				7		<0.3	48		<0.1			21	13	1.11		0.7					
HA1619	0.1	Q	Nat	SILT		wrong place		8	1.3	<0.3	39		<0.1	491	<5	29	615	24	1.38	<5	<0.3	2	21	892	56
HA1619	0.9	Q	Nat	SILT		wrong place		9	1.3	<0.3	32		<0.1	408	<5	25	519	13	1.11	<5	<0.3	4	19	909	48
HA1620	0.9	Q	Nat	SILT		wrong place		7		<0.3	32		<0.1			18	10	1.00		<0.3					
PIC A3	0.08	O				Picrite lagoons	1720	<10	0.1	<3	68		0.6	<5		250	<1000	<50	1.70	0.3			<10	<50	
PIC B3	0.5	O				Picrite lagoons	7820	43	3.4	<3	67		1.4	350		260	<1000	360	2.56	2.9			380	<50	
PIC D4	0.8	O				Picrite lagoons	510	<10	<0.1	<3	<50		0.5	75		<50	<50	1.70	0.3	<0.3			14	<50	
PIC E2	0.9	O				Picrite lagoons	19500	<10	<0.1	<3	<50		0.4	440		<50	<1000	<50	1.70	0.3			1140	<50	
PIC G2	0.2	O				Picrite lagoons	1040	<10	<0.1	<3	<50		0.4	20		<50	<1000	<50	1.70	0.3	<0.3		18	<50	
PIC J1	1	O				Picrite lagoons	1630	<10	0.2	<3	<50		0.3	850		<50	<1000	<50	1.70	0.3	<0.3		77	<50	
PIC M3	0.5	O				Picrite lagoons	14600	115	7.6	<3	98		5.4	550		110	3000	2580	3.41	1.6			1140	150	
PIC M4	0.5	O				Picrite lagoons	6760	<10	0.1	<3	<50		0.2	590		<50	<1000	<50	1.70	0.5			63	<50	
PIC WS1	0.6	O				Picrite lagoons	450	<10	<0.1	<3	<50		0.3	43		<50	<50	1.70	0.3	<0.3			17	<50	
PIC WS2	0.5	O				Picrite lagoons	1150	<10	<0.1	<3	<50		0.3	80		<50	<1000	<50	1.70	0.3	<0.3		27	<50	
PIC WS3	1	O				Picrite lagoons	1760	<10	<0.1	<3	<50		0.2	260		<50	<1000	<50	1.70	0.3	<0.3		54	<50	
PIC WS6	0.7	O				Picrite lagoons	610	<10	<0.1	<3	<50		0.2	90		<50	<1000	<50	1.70	0.3	<0.3		12	<50	
PIC WS7	0.1	O				Picrite lagoons	930	<10	<0.1	<3	<50		0.3	31		<50	<1000	<50	1.70	0.3	<0.3		<10	<50	
TP1254	0.3	H	MG	GRAVEL	blaes	Rail		30		0.5	44		<0.1			53		66	1.82	0.7					
TP1254	0.5	H	MG	SAND		Rail		2		<0.3	25		<0.1			14		5	0.70		<0.3				
TP1255	0.15	H	MG	SILT	brick, tile			9	1.7	<0.3	29		0.3	277	<5	31	647	120	2.08	<5	1.1	9	50	1040	59
TP1255	0.5	H	Nat	PEAT				<1	<0.1	<0.3	<5		<0.1	33	<5	<5	130	8	0.90	<5	0.4	4	33	63	<5
TP1256	0.3	H	MG	SILT/CLAY				7		<0.3	43		0.1			32		30	1.48		0.5				
TP1257	0.1	H	MG	SILT		Rail		8	1.8	<0.3	68		0.1	566	<5	51	589	40	1.60	<5	0.3	7	23	1170	66
TP1257	0.5	H	MG	CLAY		Rail		16	2	<0.3	49		0.2	417	<5	39	672	89	1.95	<5	0.5	7	31	1210	100
TP1263	0.2	H	MG	CLAY		Rail		9	1.7	<0.3	49		0.1	226	<5	24	590	23	1.36	<5	<0.3	5	17	1140	63
TP1263	0.45	H	MG	CLAY		Rail		8	1.5	<0.3	48		<0.1	591	<5	36	578	15	1.18	<5	0.5	2	22	1010	55

Table A4.3 Ret. Land - Metals and Non-metals

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	Al	As	Be	Cd	Cr	Cr hex	Hg	Mn	Mo	Ni	P	Pb	logPb	Sb	Se	Sn	Sr	Ti	V
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1268	0.15	H	MG	SILT	ash tile glass blaes			11	1.5	<0.3	42		<0.1	403	<5	44	560	53	1.72	<5	0.3	6	37	955	61
TP1268	0.5	H	MG	SILT/CLAY				9	1.7	<0.3	46		<0.1	570	<5	35	597	27	1.43	<5	0.6	8	25	1050	62
TP1276	0.3	H	MG	SILT				6	2.8	<0.3	33		<0.1	321	<5	27	617	12	1.08	<5	<0.3	3	17	1680	55
TP1277	0.3	H	MG	SILT				17		<0.3	69		0.2			54		74	1.87		0.3				
TP1277	0.5	H	Nat	SILT				5		<0.3	54		<0.1			36		18	1.26		1.5				
TP1278	0.1	Q	MG	PEAT				30		0.6	46		2.9			71		619	2.79		0.4				
TP1278	0.5	Q	Nat	PEAT				2		<0.3	<5		<0.1			<5		<3	0.48		0.8				
TP1280	0.3	H	MG	SILT				4		<0.3	34		<0.1			25		19	1.28		<0.3				
TP1280	1	H	Nat	SILT				5		<0.3	46		<0.1			37		3	0.48		0.7				
TP1285	0.1	Q	MG	PEAT				39	5.4	0.9	31		2.7	617	<5	73	1680	538	2.73	<5	0.4	80	303	1270	120
TP1285	0.7	Q	Nat	PEAT				4	0.2	<0.3	<5		<0.1	74	<5	7	310	47	1.67	<5	<0.3	19	110	68	9
TP1359	0.1	J	MG	CLAY	brick glass tile			7	1.5	<0.3	44		<0.1	669	<5	36	708	42	1.62	<5	0.4	4	24	1140	60
TP1359	0.3	J	MG	CLAY	brick glass tile			7	1.5	<0.3	44		<0.1	652	<5	33	722	36	1.56	<5	0.4	4	23	1130	60
TP1361	0.1	J	MG	GRAVEL	ash	MG Coal		5	2.3	1.2	17		<0.1	336	<5	36	180	42	1.62	<5	1.7	12	41	170	47
TP1361	0.5	J	MG	GRAVEL	ash	MG Coal		7	1.9	0.7	14		0.1	331	<5	30	190	58	1.76	<5	2.4	8	53	210	49
TP1474	0.2	O	MG	GRAVEL	ash	Ash		9		<0.3	27		0.2			110		32	1.51		0.5				
TP1474	0.4	O	Nat	PEAT		Ash		<1		<0.3	6		<0.1			<5		4	0.60		<0.3				
TP1481	0.3	O	MG	FILL	concrete, rubble,	Picrite lagoons		8		<0.3	47		<0.1			47		80	1.90		<0.3				
TP1481	1	O	Nat?	SILT	Pink	Picrite lagoons							<0.1								0.4				
TP1499	0.15	Q	MG	GRAVEL	ash	Ash		22	9.8	0.5	45		0.2	130	<5	150	1070	74	1.87	<5	1.8	4	338	1020	130
TP1499	1	Q	MG	GRAVEL	ash	Ash Refuse Coup		45	21.5	3.9	190		<0.1	980	9	230	4620	6700	3.83	<5	2.1	1600	520	1180	320
TP1500	0.5	Q	MG	GRAVEL	ash, clinker	MG Tip		7	3.6	<0.3	37		0.1	150	<5	85	737	83	1.92	<5	0.3	8	438	720	64
TP1501	0.2	Q	MG	sand sized pulverised ash		MG Tip		16	5.3	0.4	71		<0.1	110	<5	100	771	190	2.28	<5	1.6	4	260	1320	94