

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH %	Solids %
BGAWS04	0.3	MGT2B		Burning ground						7.6	75.2
BGAWS04	0.6	MGT1A		Burning ground		0.018	3.6			6.9	
BGAWS03	0.1	MGT2B		Burning ground						4.1	52.1
BGAWS03	0.4	LPF		Burning ground						4.5	
BGAWS05	0.3	MGT2B		Burning ground			12			7.7	74.3
BGAWS05	0.5	MGT1A		Burning ground						6.9	
BGATP01	0.1	MGT2B		Burning ground						8	69.6
BGATP01	0.5	MGT1A		Burning ground						6.6	76.6
BGATP01	1	LPF		Burning ground		0.18				7.6	
BGATP02	0.1	MGT2B		Burning ground						6.3	
BGATP02	0.3	MGT2B		Burning ground						6.6	74.6
BGATP03	0.1	MGT2B		Burning ground		0.1				6.4	
BGATP03	0.4	MGT2B		Burning ground						7.2	76.7
TP2114	0.3	MGT2A	blaes	Acids Building						7.8	
TP2117	0.1	MGT2A		Acids Building						6.9	79.7
TP2119	0.5	MGT1B		Acids Buildings						8.5	
TP2121	0.1	MGT1B	bricks	Acids Buildings						7.7	73.5
TP2123	0.1	MGT1A		Acids Buildings						5.9	
TP2124	0.1	MGT1B	clinker	Acids Buildings						7.3	71.5
TP2124	1	MGT1A		Acids Buildings							81.2
TP2125	0.3	MGT2B	clinker	AST ammonia						7.3	71.9
TP2125	0.6	MGT2B	ash	AST ammonia							84.8
TP2126	0.3	MGT2A	ash	AST acid						6.1	66.1
TP2127	0.1	MGT2A	ash	AST acid							61.4
TP2127	0.5	LPF	RWN	AST acid						6.2	47
TP2159	0.1	MGT2A		AST acid						6	73.2
TP2166	0.1	MGT2A	blaes	Road						5.7	
TP2166	0.8	MGT1A	blaes	Road						6.6	
TP2174	1.1	MGT2A		Substation CDA							75
TP2175	0.5	LPF		Substation CDA							74.9
TP2176	0.1	MGT2A	ash	Substation CDA							77.5
TP2176	0.4	MGT1A		Substation CDA							76.2
TP2118	0.1	TPSL		Possible Asbestos						5.9	
TP2118	0.5	KF		Possible Asbestos						6.6	
TP2128	0.1	MGT2A	blaes	AST Acid Pb salts						6.4	78.5
TP2130	0.1	MGT2B	clinker	Lead Salts						7	
TP2130	0.3	MGT2B		Lead Salts						7.3	
TP2133	0.1	MGT2A	blaes	Lead Salts						7	
TP2133	1	KF		Lead Salts						7.5	
TP2136	0.2	MGT1B		SUDs pond 2						6.2	
TP2139	0.15	MGT2A	blaes	Substation CDA							71.9
TP2143	0.1	MGT1A		Substation CDA							75.1
TP2143	0.4	MGT1A		Substation CDA							81.5
TP2160	0.5	MGT2A	clinker	AST acid						6.8	75.4
TP2165	0.1	TPSL	RWN	Possible Asbestos Tip						5.8	
TP2165	0.4	KF		Possible Asbestos Tip						6.1	
TP2178	0.1	MGT1A		Substation CDA							77.2
TP2178	0.9	MGT1A		Substation CDA							80.5
TP2115	0.4	KF		Acids						6.6	74
TP2115	1	KF		Acids							85.9

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Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids
					MJ/Kg	%	%	%	%	%	%
TP2116	0.4	MGT1A	brick	Acids						6.9	
TP2129	0.7	MGT1A		AST Acid						8.2	
TP2131	0.3	MGT1A		Lead Salts						6.7	
TP2131	1.1	LPF		Lead Salts						7.3	
TP2134	0.1	MGT2A	ash	AST acid						7.1	72.3
TP2140	0.2	MGT2B		Substation CDA							64.1
TP2140	1.1	MGT2A		Substation CDA							86.1
TP2142	0.4	MGT1A		Substation CDA							83
TP2145	1	MGT1A	HC contam	Substation CDA							77.4
TP2146	0.1	MGT1A		Substation CDA							75.2
TP2146	1	LPF		Substation CDA							75.5
TP2147	1.1	MGT1A	HC contam	Substation CDA							70.3
TP2148	0.2	MGT2A	blaes	Substation CDA							78.2
TP2168	0.05	MGT2B	clinker	Broad guage						5.1	
TP2168	0.4	MGT1A		Broad guage						5	
TP2161	0.35	MGT1A		Apprent Hall						7.7	87.3
TP2161	0.6	MGT1A		Apprent Hall						7.7	
TP2163	0.2	MGT2A		Apprent Hall						9.1	
TP2163	0.5	MGT2A		Apprent Hall						8.2	
TP2163	0.5	MGT2A		Apprent Hall							83.9
TP2183	0.1	MGT1A		Burning Ground delineation						5.6	74.2
TP2184	0.1	MGT1A		Burning Ground delineation						5.1	68
TP2185	0.6	MGT2B	clinker	Burning Ground delineation						6.5	74.5
TP2186	0.1	MGT2A		Apprent Hall						5.9	
TP2186	0.4	MGT2A		Apprent Hall						7	
TP2167	0.15	MGT2A	brick	Road						6.9	
TP2167	0.8	MGT2A		Road						7.3	
TP2182	0.1	MGT2A	blaes	Burning Ground delineation						5.8	73.5
TP2325	0.9	LPF	LNAPL	Exp frags							81.2
TP2287	0.05	MGT2A	blaes	AST solvent							83.6
TP2287	0.6	MGT2A		AST solvent						8.1	78.9
TP2287	1	MGT2A	LNAPL	AST solvent							90.6
TP2288	0.3	MGT2A	blaes	AST solvent						8.5	
TP2288	0.6	WTF		AST solvent							91.2
TP2305	0.4	MGT1A	brick	Substation CDA							85.1
TP2307	0.05	MGT2A	blaes	Substation CDA							75.8
TP2316	0.2	MGT2B	clinker	Road						8	88
TP2316	0.35	MGT2B		Road						7.1	
TP2306	0.05	MGT2A	blaes	Substation CDA							82.3
TP2306	0.7	WTF	RWN LNAPL	Substation CDA							84.5
TP2309	2	MGT1B		Substation CDA						8.5	
TP2311	0.3	MGT2A	blaes	AST hydrogen peroxide						7.4	84
TP2311	1	LPF	RWN	AST hydrogen peroxide							82.8
TP2333	0.1	MGT2A	blaes	Narrow guage						8.9	
TP2333	0.5	WTF		Narrow guage						8.8	
TP2342	0.05	MGT1B		Possible Asbestos Tip						5.8	
TP2342	0.8	WTF	RWN	Possible Asbestos Tip						7.5	
TP2343	0.1	MGT1B		Possible Asbestos Tip						6.8	
TP2343	0.4	MGT2A	blaes	Possible Asbestos Tip						6.3	
TP2344	0.1	MGT1B		Possible Asbestos Tip						6.5	

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Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids
TP2344	0.4	MGT2A	blaes	Possible Asbestos Tip						7.6	
TP2284	0.4	MGT1B	RWN	AST solvent						8.3	
TP2285	0.1	MGT1A	blaes	AST solvent						6.1	72.1
TP2285	0.4	MGT1B	brick	AST solvent							78.7
TP2286	0.5	LPF		AST solvent						6.9	81.7
TP2016	0.3	MGT2A		AST EA							84.7
TP2016	0.6	MGT2A		AST EA						8.5	80.6
TP2017	0.1	MGT2A	brick	Lead Salts						5.6	
TP2017	1	LPF		Lead Salts						6.9	
TP2025	0.5	MGT2A		Substation CDA							88.6
TP2025	0.9	MGT1A		Substation CDA							84.4
TP2026	0.1	MGT2A	bitumous	Substation CDA							78
TP2026	1	MGT2A	HC odour	Substation CDA							85
TP2029	0.2	MGT2A		Substation CDA							65.2
TP2029	0.5	MGT2A		Substation CDA							81.9
TP2032	0.1	MGT2A	brick	Lead Salts						6.7	
TP2032	0.5	MGT2B	brick	Lead Salts						6.9	
TP2594	0.05	MGT2A	blaes	AST fuel delineation						6	72.2
TP2595	0.45	MGT1A	blaes	AST fuel delineation						7.6	76.2
TP2596	0.1	MGT2B	ash	AST fuel delineation						8.2	77.2
TP2596	1.8	LPF		AST fuel delineation							78.5
TP2022	0.5	MGT1B		AST acid						7.3	84
TP2023	0.7	MGT1A		AST acid						8.8	92.6
TP2341	0.1	MGT2B	ash	Possible Asbestos Tip						6.5	
TP2341	0.4	MGT2B	ash	Possible Asbestos Tip						8.2	
TP2621	0.45	MGT2A	ash	Works Dept						7.7	
TP2621	0.8	MGT1B	RWN	Works Dept						7.3	
TP2622	0.05	MGT2B	clinker	Works Dept						8.5	
TP2622	0.7	LPF		Works Dept						7.3	
TP2624	0.1	MGT2B	clinker	Works Dept						6.5	
TP2624	0.9	MGT2A		Works Dept						6.6	72.3
TP2629	0.05	MGT2B	clinker	HC contamination							77.2
TP2629	0.4	MGT2A	coal	HC contamination	0.555						75.5
TP2631	0.1	MGT2B	clinker	HC contamination							73.3
TP2631	0.8	LPF		HC contamination							79.7
TP2634	0.05	MGT2B	ash	Possible Asbestos Tip						5.5	
TP2634	0.5	MGT1A		Possible Asbestos Tip						6.5	
TP2597	0.4	MGT2A	ash	Misc open ground						8.2	90.8
TP2598	0.1	MGT2B	ash	Misc open ground						6.4	
TP2600	0.4	MGT2B	ash	Mineral workings HC delineation						7.1	81.3
TP2600	1.5	MGT2A	ash	Mineral workings HC delineation							52.5
TP2601	0.3	MGT2A	ash	Mineral workings HC delineation						6.3	77.6
BH2091	0.3	MGT2B	ash	AST fuel oil						6.5	75.9
BH2092	0.5	MGT2A	blaes	AST Acid						7.4	
BH2093	0.1	TPSL		CDA GW						5.8	75.6
BH2002	0.1	MGT2A	blaes	CDA GW						8.2	87.1
BH2259	1	MGT2A	blaes	CDA GW						7.9	81.3
BH2260	0.3	MGT2A	blaes	CDA GW						8.2	
BH2265	0.3	MGT2A	blaes	AST Acid						6.7	
BH2583	1	MGT2A	blaes	CDA shallow compliance						6.8	80.5

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No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH %	Solids %
BH2264	1	WTF		Intermediate hydro						8.7	
BH2269	0.3	MGT1A		HC contamination						7.7	79
BH2584	0.1	WTF		CDA GW						6	
TP3077	1	LPF	HC odour	Exp residues							76.8
BH2586	0.3	MGT2B	ash	Stores yard						6.4	
TP3073	1.2	MGT2A	Brick fragments	Exp residues							79.2
BH2416	0.1	TPSL		Deep GW						5.4	76.7
TP2331	0.1	MGT2B	ash	Narrow guage						9	
TP2331	0.5	MGT2A	blaes	Narrow guage						8.1	
TP2619	0.1	MGT1B	Rare charcoal	Road						5.6	
TP2619	0.6	MGT1B	Reworked with rare	Road						6.4	
TP2593	0.3	MGT1B	Metal	AST fuel						7.1	
TP2593	0.6	MGT1A		AST fuel							78.2
TP2628	0.3	MGT2A	Clinker	HC contamination							72.3
TP2628	2	MGT1A	Slight HC odour	HC contamination							87.5
TP2630	0.3	MGT2A	Clinker	HC contamination							72.3
TP2630	1.8	WTF	HC Odour	HC contamination							73.5
TP2630	2.2	WTF	HC Odour	HC contamination							89.3
TP2113	0.4	MGT1A	Bricks concrete	Acids Building						8.6	82.2
TP2122	0.3	MGT2A	blaes	Acids Buildings						9.9	80.3
TP2726	0.4	MGT2C	PFA	Car Park						8.7	72.8
TP2726	0.4	MGT2C	PFA	Car Park						8.7	74
TP2726	0.9	MGT1A	possible propellant	Car Park						7	
TP2727	0.1	MGT2B	ash	Car Park						6.9	83.6
TP2727	0.1	MGT2B	ash	Car Park						6.9	82.7
TP2727	1.5	MGT1A	brick	Car Park						7	
TP3125	0.1	MGT2B	ash	Burning Ground CDA	4.89					7.4	50.5
TP3126	0.1	MGT2B	ash	Burning Ground CDA						7	68.8
TP3127	0.1	TPSL	topsoil	Burning Ground CDA						6.7	
TP3127	0.1	TPSL	topsoil	Burning Ground CDA						6.8	
TP3128	0.3	MGT2A	charcoal	Ammonium Perchlorate							75.2
TP3128	0.3	MGT2A	charcoal	Ammonium Perchlorate							76
TP3128	0.5	MGT2A	mild HC odour	Ammonium Perchlorate							84.1
TP3128	1.2	MGT1A	mild HC odour	Ammonium Perchlorate							84.2
TP3129	0.1	MGT2B	ash	Ammonium Perchlorate						6.8	72.8
TP3129	0.1	MGT2B	ash	Ammonium Perchlorate						6.7	69.8
TP3129	0.5	MGT2B	brick	Ammonium Perchlorate							83.1
TP3130	1.1	MGT3		Ammonium Perchlorate							85
TP3156	0.1	MGT1A	reworked	Gaps						5.4	71.4
TP2614	0.1	MGT2A	blaes	Substation CDA						5.7	63
TP2763	0.1	MGT2A	blaes	Exp residues						5.6	
TP2763	0.1	MGT2A	blaes	Exp residues						5.6	
TP3186	0.1	MGT2A	ash	Gaps						5.5	76.9
TP3186	0.1	MGT2A	ash	Gaps						5.4	76.4
HA2312	0.15	MGT2A	Pockets of ash	Lead Salts						5.9	
HA2312	0.8	MGT2A	Pockets of ash	Lead Salts						6.7	
HA2313	0.25	MGT2A	Brick	Lead Salts						5.6	
HA2313	0.55	MGT2A	Brick	Lead Salts						7	
HA2314	0.15	MGT1B	Brick	Lead Salts						6.3	
HA2314	0.45	MGT1B	Brick	Lead Salts						7.1	

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Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
HA2764A	0.47	MGT2A		Exp residues						6.2	76.3
HA3181	0.15	LPF		Gaps						5.3	84.9
HA3182	0.25	WTF		Gaps						6.3	87.3
HA3183	0.15	WTF		Gaps						5.4	
HS1533	0.15	MGT2B	blaes					14.8			85.2
HS1588	0.1	MGT2A	Clay pipe pieces					42.7			57.3
BH1074	0.3	MGT2B		D/s of Pb salts section						5.9	
BH1108	0.1	TPSL		Ammonium perchlorate. Rail				26.7		6.7	73.3
BH1194	0.3	MGT2A	shale	IMS, EA, acetone ASTs. Rail						6.6	
BH1194	0.5	WTF		IMS, EA, acetone ASTs. Rail						7.2	
BH1219	0.1	MGT2A	ash	MG Poss brick field. Drum store						6.9	
BH1219	0.5	MGT2A		MG Poss brick field. Drum store						6.7	
BH1451	0.3	MGT2A		Next to fuel UST						6.9	
BH1451	1	MGT2A		Next to fuel UST				21.4		6.5	78.6
BH1532	0.1	MGT2A	shale	Solvent tanks						6.9	
BH1532	0.5	WTF		Solvent tanks						7.8	
TP1056	0.1	MGT1B		Lab						6.7	
TP1056	0.7	WTF		Lab						7	
TP1057	0.1	MGT2B						33.5	21	7	66.5
TP1057	1.2	WTF								7.5	
TP1058	0.3	MGT2A						19.3	3.4	6.4	80.7
TP1058	1.2	KF								6.6	
TP1059	0.3	MGT2A								6.2	
TP1059	0.85	MGT1B								6.6	
TP1060	0.1	MGT2A								5.8	
TP1060	0.6	KF								6.1	
TP1061	0.3	MGT1B								6.4	
TP1061	1.1	KF								7.2	
TP1062	0.3	MGT1B		Rail				19.2	1.6	7.8	80.8
TP1062	1	MGT2B		Rail				20.7		7.8	79.3
TP1063	0.3	MGT1B		Dumrs				19.2		7.3	80.8
TP1063	0.6	MGT1B		Dumrs						7	
TP1064	0.1	MGT2A		Acid AST. Road. Pb salts				22.4		8	77.6
TP1064	0.5	KF		Acid AST. Road. Pb salts						8.1	
TP1067	0.4	KF						19.4	1.4	8.1	80.6
TP1067	1.2	KF								6.3	
TP1069	0.1	MGT2A						20.7		7.9	79.3
TP1069	0.7	LPF						20	1.9	8	80
TP1070	0.4	MGT2A		Acid AST. Rail				15.2		7.9	84.8
TP1070	1	LPF		Acid AST. Rail				41.6		7.5	58.4
TP1071	0.1	MGT2A		Acid AST						8.5	
TP1071	0.3	KF		Acid AST						8.8	
TP1073	0.3	MGT2A		Acid AST						7.1	
TP1073	0.7	LPF		Acid AST						7	
TP1076	0.1	MGT2A						17.5		6	82.5
TP1076	0.5	MGT2A								6.2	
TP1078	0.5	KF		Fuel oil AST				21.1	1.7	6	78.9
TP1078	1	KF	strong diesel odou	Fuel oil AST				20.8		5.8	79.2
TP1078	1.5	KF						17.7		6.4	82.3
TP1080	0.5	MGT2A	brick and charcoal	Acid AST				26.2		6.5	73.8

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TP1080	2	KF								6.7	
TP1082	0.2	MGT1B		Acid AST				30.3		6.9	69.7
TP1082	0.5	MGT1B	Possible asbestos	Acid AST						6.5	
TP1083	0.5	MGT2A	blaes and brick	Fuel oil AST				17.9		6.4	82.1
TP1083	1.5	KF						17.4		6.3	82.6
TP1083	2.3	KF						21.3		7	78.7
TP1084	0.4	MGT2A	blaes and brick fra					22.1		8.1	77.9
TP1084	0.8	WTF	blue pipe at .7m							8.7	
TP1085	0.2	MGT2A	blaes and brick fra	Acid AST						8.6	
TP1085	0.5	MGT2A	blaes and brick fra	Acid AST						8.5	
TP1090	0.3	MGT1A	glass bottle and ru							8.1	
TP1090	1.7	WTF								7.1	
TP1091	0.1	MGT2A						27.5	6.5	6.9	72.5
TP1091	1.2	KF								7.6	
TP1094	0.1	MGT1A								6.4	
TP1094	0.5	KF								6.4	
TP1095	0.1	MGT1B	clay pipe frags and					26		5.6	74
TP1095	0.5	MGT1B	clay pipe frags and							7.4	
TP1096	0.1	MGT2A								7.6	
TP1096	1	LPF						22.5		6.2	77.5
TP1097	0.3	MGT2A						28.1	7.4	6.1	71.9
TP1097	0.6	LPF	pieces of soft wood							7.1	
TP1100	0.3	MGT1B	brick frags							7.4	
TP1100	1	KF								7.9	
TP1066	0.1	TPSL								8.1	
TP1066	0.3	TPSL								7.6	
TP1068	0.1	MGT2B		Rail				25.1		7.3	74.9
TP1068	0.3	MGT2B		Rail						7.9	
TP1072	0.1	MGT2B		Road				21.7		8.7	78.3
TP1072	0.3	KF		Road						8.7	
TP1075	0.1	MGT2A								8.6	
TP1075	0.6	KF								8.7	
TP1077	0.3	MGT1B						41.2		8.8	58.8
TP1077	0.5	MGT1B								9.3	
TP1079	0.1	MGT1A								9.4	
TP1079	0.3	MGT1A								9.5	
TP1081	0.3	MGT2B		Rail				26.5	21	9.2	73.5
TP1081	1.2	KF								8.9	
TP1087	0.3	KF								9	
TP1087	0.7	KF								8.9	
TP1093	0.1	MGT1B								8.9	
TP1093	0.3	MGT1B								9.5	
TP1098	0.1	MGT2A								7.3	
TP1098	0.5	MGT2A								6.8	
TP1099	0.1	MGT1B						12.5	1.5	7.1	87.5
TP1099	0.3	MGT1B								7.1	
TP1102	0.1	MGT1B	brick and blaes							6.7	
TP1102	1	MGT1B	strong hydrocarbo					18.5		6.1	81.5
TP1102	1.5	LPF						20.4		5.6	79.6
TP1104	0.1	MGT2A	ash brick and blae	Rail						7.4	

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
TP1104	0.3	MGT2A	ash brick and blaes	Rail						8.3	
TP1105	0.1	MGT2A								8.3	
TP1105	0.6	WTF								8.5	
TP1106	0.1	MGT2B	brick and blaes	Rail				18.3		7.9	81.7
TP1106	0.3	MGT2B	brick and blaes	Rail				21.7		8.9	78.3
TP1107	0.1	MGT1B						19.7		9.1	80.3
TP1107	0.5	KF						19.5		7.7	80.5
TP1109	0.1	MGT1B		NC lagoon						7.3	
TP1109	0.3	MGT1B		NC lagoon						6.2	
TP1110	0.1	MGT2A	brick and blaes	NC lagoon						6.4	
TP1110	0.3	MGT2A	brick and blaes	NC lagoon						7.3	
TP1112	0.1	MGT1A						23.6	2.1	6	76.4
TP1112	0.5	MGT1B								6.3	
TP1114	0.1	TPSL								6.2	
TP1114	0.3	TPSL								6.8	
TP1116	0.1	MGT2A	blaes	Rail				26.1		5.6	73.9
TP1116	0.5	MGT2A		Rail						5.1	
TP1119	0.1	MGT2C	ash	Burning ground						7.7	
TP1119	0.3	MGT2C	ash	Burning ground				26.4		8.2	73.6
TP1119	1	LPF		Burning ground						8.1	
BH1108	3	WTF								7.2	
HA1313	0.1	MGT2A						40	6.9	6.1	60
HA1313	0.4	KF								6.3	
HA1318	0.1	MGT2A								6.5	
HA1325	0.1	KF								6.6	
TP1115	0.1	MGT2A	brick					29.6		7	70.4
TP1115	0.5	MGT2A						24.2		7.2	75.8
TP1121	0.3	LPF						20.8	3.5	7	
TP1121	2.2	LPF								5.8	
TP1122	0.1	MGT2A		Road						6.3	
TP1122	0.3	MGT2A		Road						5.9	
TP1123	0.1	MGT2A	ash brick asphalt v	Burning ground				25.2		7.1	74.8
TP1123	0.5	MGT2A	ash brick asphalt v	Burning ground						7.2	
TP1123	1	LPF		Burning ground						7.9	
TP1124	0.1	MGT2A	blaes							8	
TP1124	0.3	MGT2A	blaes							7.7	
TP1125	0.1	LPF	<Null>					29.8		7.8	70.2
TP1125	0.3	LPF								7.6	
TP1126	0.1	MGT2A	brick asb fibreglas							7.6	
TP1126	0.5	MGT2A	brick asb fibreglas							8.9	
TP1188	0.5	KF								8.5	
TP1191	0.3	MGT2A	ash							9.1	
TP1191	0.5	LPF								9.2	
TP1440	0.1	MGT2B		Rail				15.4		7.3	84.6
TP1440	0.3	LPF		Rail				10.1		7.7	89.9
TP1441	0.3	MGT2A	ash	Rail				20.1		10.1	79.9
TP1441	1	WTF		Rail				16.6		8.6	83.4
TP1443	0.1	MGT2B	ash					21		8.3	79
TP1443	0.5	MGT2B	ash					24		8.9	76
TP1443	1	WTF						20	4.3	9.1	80

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids
					MJ/Kg	%	%	%	%	%	
TP1444	0.4	MGT1B		Hydraulic oil AST				11.8		11	88.2
TP1444	0.5	MGT1B		Hydraulic oil AST				15.6		9.8	84.4
TP1447	0.1	MGT2B	ash					23.1		10.1	76.9
TP1447	0.5	WTF	strong hydrocarbon					17.3		9.7	82.7
TP1447	1.8	WTF	strong hydrocarbon odour					25.3		9.8	74.7
TP1448	0.1	MGT2A	blaes brick tile glas							8.1	
TP1448	0.3	MGT2A	blaes brick tile glas					35.1		7.4	64.9
TP1449	0.1	MGT2A	blaes brick tile glas	Lab chem store						7.7	
TP1449	0.3	MGT2A	blaes brick tile glas	Lab chem store						7.9	
TP1450	0.3	MGT2B	ash	Scrap compound						11	
TP1450	0.5	MGT2B	ash	Scrap compound						10.4	
TP1452	0.1	MGT2B	ash and bricks	General store				17.8		9.8	82.2
TP1452	0.5	LPF		General store				25		9.9	75
TP1453	0.1	MGT1A	type 1 under tarma	General store				9.6		9.9	90.4
TP1453	0.3	MGT1A	type 1 under tarma	General store						10	
TP1453	0.5	MGT1A		General store						9.4	
TP1454	0.1	MGT2B	ash							9.4	
TP1454	0.3	MGT2B	ash							9.5	
BH1074	3	LPF								7.3	
BH1074	4.3	LWFMF								9.1	
BH1532	3	WTF								9.5	
BH1532	4.5	WTF								9.7	
TP1188	0.1	MGT2B	ash							8	
TP1314	0.3	MGT2A	brk blaes tile glass							7	
TP1314	2	LPF								7.7	
TP1316	0.1	MGT2B	ash	Rail				15		7.8	85
TP1316	0.5	MGT1B	asb brk blaes tile g	Rail				14.4	0.1	8.1	85.6
TP1317	0.3	MGT2A	brick	o/s picrite store - RDX/TNT mixing						7.5	
TP1317	1	MGT1B	brick	Rail						8	
TP1320	0.2	MGT2A	brick	Rail				15.7		5.6	84.3
TP1320	0.5	MGT2A	brick	Rail				14		6	86
BH1194	6	WTF								8.6	
BH1194	12	WTF								9	
BH1219	3	LPF								8.3	
BH1622	0.1	MGT2A		Near Pb development + d/s of 2 ethyl						8.4	
BH1622	0.3	MGT2B		Near Pb development + d/s of 2 ethyl						6.2	
HA1212	0.1	MGT2A								6.2	
HA1212	0.4	MGT2A								5.9	
HA1483	0.1	WTF								5.4	
HA1483	0.4	WTF								5.9	
HA1485	0.1	LPF								4.1	
HA1485	0.4	LPF								4.2	
TP1012	0.3	TPSL		NG pond						6.3	
TP1012	1	LPF		NG pond						6.9	
TP1020	0.3	MGT1A	reworked bits woo	Near Pb development + d/s of 2 ethyl						7.3	
TP1020	0.5	MGT1A	& dark organic ma	Near Pb development + d/s of 2 ethyl				20		7.8	80
TP1174	0.1	MGT1B	type 1	Rail						6.9	
TP1174	0.5	MGT1B	type 1	Rail						8	
TP1177	0.1	MGT1A		Rail						8.8	
TP1177	0.3	MGT2A	ash	Rail				18.8	4	9	81.2

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
TP1181	0.2	MGT1A		Rail				24.9		6.3	75.1
TP1181	0.5	LPF		Rail						6.5	
TP1183	0.1	MGT2A	clinker	Rail				26.3		6.2	73.7
TP1183	0.8	MGT2A		Rail						6.3	
TP1186	0.2	TPSL	blaes wire tile							5.9	
TP1186	0.5	WTF								6.5	
TP1192	0.1	MGT2A	clinker	Rail				23.5		6.1	76.5
TP1192	0.6	MGT2A		Rail				22.1	3.7	7.5	77.9
TP1193	0.3	MGT2B		Road				16.7		7.7	83.3
TP1193	1.7	WTF								8.4	
TP1195	0.1	MGT2A	clinker							7.7	
TP1195	0.3	MGT1B								8	
TP1203	0.15	MGT2A	clinker	Rail						8.7	
TP1203	0.5	MGT1A		Rail				12.9		8.2	87.1
TP1205	0.3	MGT1B	type 1 concrete fra	Rail						9	
TP1205	1.4	WTF								6.7	
TP1211	0.1	MGT3	brick							7.7	
TP1211	0.3	MGT3								7.9	
TP1216	0.3	TPSL						17.8	1.8	5.7	82.2
TP1216	0.7	MGT1B	HC odour from wo					26.4		7	73.6
TP1220	0.1	MGT2A	rubble	Rail				14.9		7.6	85.1
TP1220	0.5	MGT1B	rubble	Rail						8.3	
TP1221	0.2	MGT2A	bleas concrete bric	MG Poss brick field. Rail				16.9		7.2	83.1
TP1221	1	MGT2A	bleas concrete bric	MG Poss brick field. Rail						8.5	
TP1224	0.2	MGT1B	propellant and whi	Rail				15.9		6.3	84.1
TP1224	0.5	MGT2B	blaes	Rail						6.8	
TP1227	0.2	MGT1B	type 1	Road						6.9	
TP1227	1.1	MGT1B	wood charcoal brick							6.9	
TP1235	0.1	MGT2B	ash							7.4	
TP1235	0.4	MGT1B								7.5	
BH1451	4.5	LPF						27		8.2	73
BH1451	9	LPF						27.8		8	72.2
TP1173	0.5	MGT2A	brick blaes							4.9	
TP1173	1	MGT1B								6.2	
TP1176	0.1	MGT1A								5.5	
TP1176	0.3	MGT1B								7.5	
TP1189	0.1	MGT1B								5.6	
TP1189	0.6	LPF								5.6	
TP1190	0.1	MGT1B	brick							5.5	
TP1190	0.3	MGT1A						21.1	5.1	6.2	78.9
TP1198	0.1	MGT1A						23.8		6.5	76.2
TP1198	0.3	WTF						14.4		6.7	85.6
TP1199	0.1	MGT1A								8	
TP1199	0.3	MGT1A								8.4	
TP1204	0.1	MGT2A		Rail						7	
TP1204	0.5	MGT2A		Rail						6.9	
TP1002	0.1	WTF						15.5	3.3	5.1	84.5
TP1002	0.3	WTF								5.4	
TP1005	0.1	MGT1B		Acid AST				21		6.6	79
TP1005	1.1	KF								7.8	

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value MJ/Kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH %	Solids %
TP1006	0.1	MGT2A		Rail				21.3		7.9	78.7
TP1006	1.1	KF								8.2	
TP1007	0.1	MGT2A								6.4	
TP1007	0.6	KF								7.3	
TP1010	0.1	TPSL		NG spill						6.8	
TP1010	1	MGT1A		NG spill						6.3	
TP1013	0.3	MGT1B	brick	NG spill. Rail				11.2		7.3	88.8
TP1013	1	KF		NG spill. Rail						8.5	
TP1015	0.1	MGT1B								7.9	
TP1015	2	KF								6.7	
TP1016	0.1	TPSL		NG pond						8.5	
TP1016	1	LPF		NG pond						5.7	
TP1017	0.2	MGT1A						20.5	3	6.2	79.5
TP1017	2	KF								6.3	
TP1018	0.2	MGT1B								6.2	
TP1018	1.1	KF								5.9	
TP1021	0.3	WTF		EA AST. Substation						8.6	
TP1021	0.5	WTF		EA AST. Substation						8.3	
TP1022	0.3	MGT2A	blaes					18		7.8	82
TP1022	1	MGT1B								8.4	
TP1023	0.2	MGT1B	blaes					19.8	2	7	80.2
TP1023	1	MGT2A	blaes							7.9	
TP1024	0.1	TPSL								7.8	
TP1024	0.6	MGT1B								8.7	
TP1199	0.7	MGT2A								7.2	
HA1639	0.1	MGT2A		Transformer				10.7	1.5	8.2	89.3
HA1639	0.4	MGT2A		Transformer				11.1		8.3	88.9
HS1643	0.1	MGT1A		Pesticides						5.2	
HS1644	0.1	MGT1A		Pesticides						5	
PPG TPL	0.5	No log								6.2	
PPG TPL	2	No log								6.5	
PPG BH04	1.2	WTF								6.7	
CPT09	0.2	MGT2B								6.9	
CPT38	0.6	WTF								7.7	
CPT12	0.6	LPF								8.3	
CPT14	0.7	KF								7.6	
CPT08	0.1	MGT2B								7.1	
CPT04	0.3	MGT2A								6.2	
CPT15	0.6	WTF								5.4	
TP26/117	1	MGT1A		Mound material						5.2	
TP26/117	3	MGT1B		Mound material						6	
TP28/501	3	MGT1B		Mound material						8	
TP28/501	4	MGT1B		Mound material						6.1	
CPT34	0.3	TPSL								6.7	
CPT32	0.2	MGT2B								7.9	
TP28/100	2	MGT1A		Mound material						6.9	
TP28/100	5	MGT1A		Mound material						6.4	
CPT28	0.3	WTF								8.2	
TP34/212	1	MGT1A		Mound material						6.2	
TP34/212	5	MGT2A		Mound material						6.6	

Table 15.0
CDA Residential pH, solids &

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	3	2	96	23	443	216
Min	0.56	0.018	3.6	9.6	0.1	4.1	47
Mean	2.7	0.1	7.8	21.4	4.7	7.2	77.9
Max	4.89	0.18	12	42.7	21	11	92.6
No. detected	2	3	2	96	23	443	216
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids
					MJ/Kg	%	%	%	%	%	%
TP34/212	2	MGT1B		Mound material						6.6	
TP34/212	4	MGT1A		Mound material						6.2	
CPT33	0.2	TPSL								6.1	
PPG BH04	1	MGT3								8	

Table 15.1
CDA ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	2	1	1	74	10	314	179
Min	0.801	0.021	9.6	6.4	1	3.8	51.1
Mean	1.4	-	-	21.6	2.6	7.1	77.9
Max	1.9	0.021	9.6	47.3	5.6	12	96.1
No. detected	4	1	1	74	10	314	182
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-

Esp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
TP2120	0.1	MGT2A	blaes	Acids Buildings						6.4	74.5
TP2164	0.1	MGT2A		Apprent Hall						7.4	
TP2162	0.2	MGT2A	blaes	Apprent Hall						7.6	
TP2164	0.5	LPF		Apprent Hall						7.5	78
TP2162	1	MGT1A		Apprent Hall						7.1	
AS40-B	0.15	MGT2A	clinker and brick frags	Asbestos						5.9	
AS39-A	0.2	MGT2A	clinker and brick frags	Asbestos						5.7	
BH2412	0.1	MGT2A	blaes	AST Acid						9	82.7
TP2030	0.1	MGT2A	ash	AST acid						6.8	71.7
BH2415	0.3	MGT2B	ash	AST Acid						8.6	89.8
TP2031	0.3	MGT1A		AST acid						6.2	86
TP2426	0.3	MGT1A		AST acid						11.4	
TP2457	0.5	MGT1A	concrete	AST acid						9.4	83.1
TP2426	1	MGT1A	pipe at 1m	AST acid						8.4	
TP2459	1	MGT2A	concrete + ash/clinker	AST acid						8.9	87.7
BH2415	1.5	MGT2B	ash	AST Acid						7.2	
TP2018	0.4	WTF		AST Acid Dynamite						7.1	86.3
TP2019	0.1	MGT1A		AST Acid EGG						6.5	84
TP2020	0.6	MGT1B		AST mixed acid						8.6	84.1
TP2021	1	MGT2B		AST mixed acid						9.2	82.5
TP2169	0.1	MGT2B	clinker	Broad guage						7.3	
TP2169	0.5	KF		Broad guage						7.9	
BGATP04	0.1	MGT1B		Burning Ground						6.1	77.6
BGAWS06	0.1	MGT2B		Burning Ground			9.6			6.4	91.3
BGAWS06	0.4	MGT2B		Burning Ground		0.021				6.9	78.5
BGATP04	0.5	MGT1B		Burning Ground						6.4	78.9
BGAWS06	0.7	MGT2B		Burning Ground						6.5	70.2
TP2606	0.5	MGT2B	bricks	Burning Ground delineation						6.5	72.7
TP2607	0.5	MGT1B	bricks	Burning Ground delineation						6.5	74.1
BH2003	0.1	MGT1A	brick	CDA GW						5.7	78.4
BH2262	0.1	MGT2B	blaes	CDA GW						8	
BH2263	0.3	MGT2A	blaes	CDA GW						7.2	79.8
BH2585	0.3	MGT1A		CDA GW						6.2	82.6
BH2267	1	LPF		CDA GW						7	77.1
BH2268	1	MGT2A	blaes	CDA GW						7.8	
BH2587	1.5	MGT2A	clinker	CDA GW						6.5	68.5
BH2379	0.1	TPSL		CDA shallow compliance						5.9	70.5
BH2662	0.3	MGT2A	blaes	CDA shallow compliance						7.1	82.8
BH2663	0.3	TPSL		CDA shallow compliance						6.1	81.2
BH2725	0.3	KF		CDA shallow compliance						6.4	
BH2261	0.5	MGT2A	blaes	CDA shallow compliance						7.2	70.9
BH2413	0.5	MGT2B	blaes	CDA shallow compliance						6.5	
BH2644	1.5	MGT2A	ash	CDA shallow compliance						5.1	
HS3141	0.15	MGT2A		Coal Storage						6.5	74.8
TP2827	0.1	MGT2A	blaes	Exp residues						5.6	
HS3147	0.1	MGT1B		Gaps						6.3	
HS3151	0.1	MGT1A		Gaps						4.6	
HS3153	0.1	MGT1A		Gaps						4.8	
TP3159	0.1	MGT2A	duplicate	Gaps						5.1	65.9
TP3159	0.1	MGT2A		Gaps						5.1	67.3
HS3149	0.15	MGT1A		Gaps						4.5	
HS3154	0.15	MGT1A		Gaps						4.2	
HS3148	0.2	MGT1B		Gaps						6.1	
HS3150	0.2	MGT1A		Gaps						5.1	
HS3152	0.2	MGT1A		Gaps						4.4	
HS3155	0.2	MGT1A		Gaps						5.4	
TP3185	0.4	MGT2A	ash	Gaps						7.7	75.1
TP3185	0.4	MGT2A	ash	Gaps						7.7	83.1
TP3160	0.5	MGT1A		Gaps						7.2	80.9
TP2625	0.1	MGT2A	Ash	HC contamination							68
TP2627	0.1	MGT2B	ash	HC contamination							74.5
TP2336	0.2	MGT1A	ceramic	HC contamination							77.2
TP2632	0.2	MGT2A	bricks	HC contamination							69.4
TP2433	0.3	MGT2B	ash	HC contamination							96.1
TP2434	0.3	MGT2A	concrete	HC contamination							94.2
TP2626	0.3	MGT2B	ash	HC contamination							76.5
BH2588	0.5	MGT1A		HC contamination							8.1
TP2633	0.5	MGT1A	bricks	HC contamination							75.4
TP2433	0.8	WTF		HC contamination							72.8
TP2336	1	MGT1A	brick	HC contamination							75
TP2434	1	MGT1A	pipe	HC contamination							73.8
TP2626	1	MGT2A	ash	HC contamination							60
TP2627	1	MGT2A	blaes	HC contamination							68.5
TP2632	1	MGT1A	bricks	HC contamination							76.5
TP2625	1.1	LPF	dark grey sandy silt	HC contamination							75.3
TP2633	1.3	MGT2A	ash	HC contamination							76.6
TP2336	2	MGT1A	brick	HC contamination							78.3
TP2632	2	MGT1B	bricks	HC contamination							75.4
BH2198	0.3	MGT1B	brick	Intermediate hydro							6.2
TP3114	0.1	MGT2A	blaes	Laundry							5.6
TP3119	0.1	MGT1A	duplicate	Laundry							6
TP3119	0.1	MGT1A		Laundry							6.2
TP3117	0.3	MGT2A	ash	Laundry							78.5
TP2618	0.5	MGT1B	brick	Laundry							6.9
TP3113	0.5	MGT2A	Blaes	Laundry							6.3
TP3117	0.5	MGT2A		Laundry							8.8
TP3117	0.5	MGT2A	duplicate	Laundry							9.1
TP3118	0.5	MGT2A	ash	Laundry							7.5
TP2618	1.5	MGT1B	brick	Laundry							8.4
TP2132	0.1	MGT1A	blaes	Lead Salts							8.1
TP2058	0.3	MGT1A	Brick / bitumen fragments	Lead Salts							6.5
TP2059	0.4	MGT1A	bitumen / brick etc	Lead Salts							8.2
TP2058	0.6	MGT1A	Brick / bitumen fragments	Lead Salts							6.3

Table 15.1
CDA ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	2	1	1	74	10	314	179
Min	0.801	0.021	9.6	6.4	1	3.8	51.1
Mean	1.4	-	-	21.6	2.6	7.1	77.9
Max	1.9	0.021	9.6	47.3	5.6	12	96.1
No. detected	4	1	1	74	10	314	182
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
TP2132	0.7	MGT2A	blaes	Lead Salts						7.5	
TP2059	1	LPF		Lead Salts						7.2	
TP2329	0.1	MGT2A	blaes	Mineral workings						6.6	
TP2602	0.1	MGT2B	ash	Mineral workings						7.6	59.3
TP2328	0.35	MGT2A	blaes	Mineral workings						8.5	89.3
TP2603	1	MGT2B	abandoned at 1.3 due to collapse	Mineral workings						7.3	51.1
TP2330	0.9	MGT2B	ash	Misc oil & solvent drums						6.6	75.2
TP2599	0.1	MGT2B	ash	Misc open ground							84.3
TP2599	0.7	MGT2B	ash	Misc open ground						6.6	79.1
TP2334	0.1	MGT2B	ash	Narrow guage						7.5	
TP2332	0.3	MGT2B	ash, Clinker	Narrow guage						10.9	
TP2332	0.5	MGT2B	ash, Clinker	Narrow guage						9.1	
TP2334	0.5	LPF		Narrow guage						7.1	
HA2277	0.1	LPF		Next to process drain/ditch						5.5	
TP2315	0.2	MGT1B		Road						6	
TP2317	0.3	MGT2A	blaes	Road						8.4	
TP2218	0.4	MGT1A	brick	Road						7	
TP2317	0.8	LPF		Road						7.4	
TP2218	1	LPF		Road						7.3	
TP2461	1	MGT2A	bricks	Road						6.1	
TP2315	1.3	MGT1B		Road						6.7	
TP2461	2	MGT2A	pocket of ash	Road						6.9	
TP2138	0.1	MGT2A	blaes	Substation CDA							76.5
TP2153	0.1	MGT1A	ceramic	Substation CDA							71.6
TP2177	0.1	MGT2A	ash	Substation CDA							71
TP2213	0.1	MGT2B	ash	Substation CDA							87.2
TP2215	0.1	MGT2B	ash	Substation CDA							77.5
TP2217	0.1	MGT2B	ash	Substation CDA							85.5
TP2448	0.1	MGT2B	ash	Substation CDA							81.7
TP2173	0.15	MGT1A		Substation CDA							89.1
TP2179	0.15	MGT1A		Substation CDA							82.4
TP2180	0.2	MGT1A		Substation CDA							83
TP2609	0.2	MGT2A	ash	Substation CDA							80.1
TP2154	0.3	MGT1A		Substation CDA							78.5
TP2157	0.3	MGT1A		Substation CDA							82.7
TP2181	0.3	MGT1A		Substation CDA							79.8
TP2449	0.3	MGT1B	ash	Substation CDA							88.5
TP2611	0.3	MGT1A	bricks	Substation CDA							77.6
TP2612	0.3	MGT1A	bricks	Substation CDA							77.3
TP2037	0.4	MGT1A	HC odour	Substation CDA							73.2
TP2138	0.4	MGT2A		Substation CDA							78.3
TP2151	0.4	MGT2A	blaes	Substation CDA							77.6
TP2215	0.4	MGT2A		Substation CDA							82.7
TP2036	0.5	MGT1A	vis HC	Substation CDA							69.8
TP2216	0.5	MGT1A	HC odour	Substation CDA							74.3
TP2217	0.5	MGT1B		Substation CDA							85.7
TP2608	0.5	MGT1B	bricks	Substation CDA							77.5
TP2180	0.6	MGT1A		Substation CDA							75.6
TP2181	0.8	MGT1A		Substation CDA							79.3
TP2035	0.9	MGT1A	HC vis/odour	Substation CDA							80.3
TP2153	1	MGT1A	glass	Substation CDA							81
TP2173	1	LPF		Substation CDA							75.5
TP2448	1	MGT2A	ash	Substation CDA							61.5
TP2449	1	MGT2C	PFA	Substation CDA							76.6
TP2609	1	MGT2A	ash	Substation CDA							75.5
TP2149	1.1	MGT1A	HC odour	Substation CDA							80
TP2612	1.5	MGT1A	bricks	Substation CDA							75.6
TP2149	2.1	MGT1A	HC odour	Substation CDA							79.7
TP2298	0.4	MGT2A	blaes	SUDS pond 1						6.8	
TP2297	2.2	LPF		SUDS pond 1							75.3
TP2135	0.1	LPF		SUDS pond 3						5.6	
TP2293	1	MGT2A	ash	SUDS pond 4						5.8	
TP2431	0.1	CPF		SUDS pond 5						5.3	
TP2291	1	WTF		SUDS pond 8							79.2
TP2665	0.5	MGT1A	brick	UST Fuel delineation						6.8	77.4
TP3157	0.3	MGT2A	ash	White Phos						6.9	78.5
TP2623	0.3	MGT2A	coal	Works Dept						5.9	73.7
TP2623	0.3	MGT2A	coal	Works Dept	0.801					6.5	
TP1008	0.05	MGT1B						12.8		7.6	87.2
BH1445	0.1	TPSL		Hydraulic oil AST						7.3	
CPT10	0.1	TPSL								6.6	
CPT77	0.1	TPSL								5.3	
HA1322	0.1	MGT2A		Rail						5.6	
HA1329	0.1	MGT2A								4.9	
HA1457	0.1	MGT1A								6.4	
HA1510	0.1	MGT1A		Agriculture						5.3	
HA1512	0.1	TPSL	weathered till	Agriculture						6.4	
HA1514	0.1	LPF	weathered till	Agriculture						4	
HA1640	0.1	MGT2A		Transformer						6.8	
HS1574	0.1	MGT2A	blaes					24.6			75.4
TP1025	0.1	MGT2A	clinker	Metal salts						7.6	
TP1065	0.1	MGT2A		Acid AST						8.2	
TP1086	0.1	HSTD	brick					19.9	1	8.7	80.1
TP1088	0.1	MGT1B		Road				25.8	2.6	8.7	74.2
TP1103	0.1	MGT2A	brick and blaes							6.2	
TP1111	0.1	HSTD						21.4		8.3	78.6
TP1113	0.1	MGT2A	blaes					32.6		5.4	67.4
TP1117	0.1	MGT2A	brick and blaes	NC lagoon						5.2	
TP1118	0.1	MGT1B		Rail						5.6	
TP1120	0.1	MGT1B	type 1							7.9	
TP1139	0.1	TPSL		NC lagoon						5.3	
TP1175	0.1	MGT3	brick blaes and concrete					17.7	3.3	5.6	82.3
TP1179	0.1	MGT2A	blaes					23.8		5.6	76.2

Table 15.1
CDA ROS pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	1	1	74	10	314	179
Min	0.801	0.021	9.6	6.4	1	3.8	51.1
Mean	1.4	-	-	21.6	2.6	7.1	77.9
Max	1.9	0.021	9.6	47.3	5.6	12	96.1
No. detected	4	1	1	74	10	314	182
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
TP1187	0.1	MGT2A		Road				17		6	83
TP1200	0.1	MGT2A	clinker							8.6	
TP1201	0.1	MGT2A								8.5	
TP1202	0.1	MGT1B								3.8	
TP1206	0.1	MGT1B								5.9	
TP1207	0.1	MGT2A								6.8	
TP1208	0.1	MGT2B		General store						8	
TP1214	0.1	MGT1B		Rail			29.6			6.5	70.4
TP1217	0.1	MGT1B								6.9	
TP1222	0.1	MGT1B		Drum store			9.5			8.5	90.5
TP1223	0.1	MGT1B								6	
TP1228	0.1	MGT2A								5.9	
TP1238	0.1	MGT1B								5.9	
TP1241	0.1	MGT2A	blaes				25.1			7.5	74.9
TP1248	0.1	TPSL		Road			12.7			9	87.3
TP1249	0.1	MGT2A		Rail			22.4			7	77.6
TP1252	0.1	TPSL								4.6	
TP1253	0.1	MGT2A		Rail			24.8			6.8	75.2
TP1287	0.1	MGT1B								5.2	
TP1311	0.1	MGT1B								6	
TP1319	0.1	MGT2B								3.8	
TP1327	0.1	MGT2B	blaes	Rail			12.8			7.6	87.2
TP1332	0.1	HSTD	bricks and concrete spoil	Spent acid lagoon						8.7	
TP1346	0.1	MGT2A	clinker	Acid AST						7.2	
TP1352	0.1	MGT2A	ash							7.5	
TP1357	0.1	MGT2B	ash	MG Coal	1.9		26.5			6.8	73.5
TP1460	0.1	MGT2B	ash	Burning ground						7.8	
TP1461	0.1	MGT2B	ash							5.5	
TP1465	0.1	MGT2B		Next to fuel UST						8.6	
TP1489	0.1	MGT1A								6.4	
TP1509	0.1	MGT2A	blaes brick	Agriculture						6.5	
HS1590	0.15	MGT2A	Blaes				33.3				66.7
TP1185	0.15	MGT2A	clinker	Rail			26.3			7.9	73.7
CPT24	0.2	TPSL								6	
TP1003	0.2	MGT2A								5.4	
TP1019	0.2	MGT1B		EA AST						7.3	
TP1101	0.2	MGT1B	metal frags	Rail			22.8			8.1	77.2
TP1184	0.2	MGT2A	blaes				18.8			6.6	81.2
TP1209	0.2	MGT1A		Acetone AST, Rail						8.2	
TP1335	0.2	MGT1B								9.8	
TP1459	0.2	MGT2B	ash	Burning ground			21.9			8.3	78.1
TP1014	0.25	MGT2A	ash type 1				40			9	60
TP1229	0.25	TPSL		Rail			17.6			6.2	82.4
BH1455	0.3	MGT2B		MG Mineral working, Fuel UST						6.6	
BH1495	0.3	MGT2B		Petrol UST						6.6	
BH1621	0.3	MGT2B		Ug diesel tank fuel			26.8			7.3	73.2
CPT25	0.3	MGT3								7.9	
CPT67	0.3	TPSL								6.5	
TP1001	0.3	MGT1B		Acid AST						6.3	
TP1004	0.3	MGT1B								6.6	
TP1009	0.3	MGT2A	concrete metal ash				6.4	1.5		7.9	93.6
TP1025	0.3	MGT2A	clinker	Metal salts						6.9	
TP1092	0.3	MGT1A	orange staining							8	
TP1103	0.3	MGT2A	brick and blaes							7	
TP1117	0.3	MGT2A	brick and blaes	NC lagoon			16.5	2.2		5.4	83.5
TP1118	0.3	MGT1B		Rail						7.3	
TP1120	0.3	MGT1B	type 2							8.6	
TP1127	0.3	MGT2A	blaes							9.2	
TP1139	0.3	TPSL		NC lagoon						6.1	
TP1140	0.3	TPSL								6.5	
TP1175	0.3	MGT3	brick blaes and concrete							7.3	
TP1180	0.3	MGT1B	type 1	Drum store, Rail						9.3	
TP1182	0.3	MGT3	ash	MG Small tip						6.4	
TP1187	0.3	MGT2A		Road			15.9			5.7	84.1
TP1196	0.3	MGT1A		IMS, EA, acetone ASTs			9.1			8.4	90.9
TP1197	0.3	MGT1A					22	5.6		6.4	78
TP1201	0.3	MGT2A								6.3	
TP1206	0.3	MGT1B	clinker							6.5	
TP1213	0.3	MGT2A								7.2	
TP1223	0.3	MGT1B								5.8	
TP1228	0.3	LPF								5.5	
TP1238	0.3	MGT1B								6.1	
TP1252	0.3	TPSL								4.6	
TP1253	0.3	MGT2A		Rail			22.8			7.3	77.2
TP1311	0.3	MGT1B								7.1	
TP1312	0.3	MGT1B	brk tile china tile							6.6	
TP1319	0.3	MGT2B								5.5	
TP1327	0.3	MGT2B	blaes	Rail						6.2	
TP1330	0.3	MGT2B	ash				15.4			6.7	84.6
TP1336	0.3	MGT1B								5.8	
TP1442	0.3	MGT1A	type 1	Fuel oil AST			13.8	2.3		12	86.2
TP1446	0.3	MGT2B	blaes and brick	Rail			14.1	4		9.9	85.9
TP1458	0.3	MGT2A	brick							5.6	
TP1460	0.3	MGT2B	ash	Burning ground			26.1			7.6	73.9
TP1461	0.3	MGT2B	ash							5.7	
TP1515	0.3	MGT2A	slight HC odour tarmac ash	Car park			15.4			7.6	84.6
TP1185	0.35	WTF		Rail						8.8	
TP1208	0.35	MGT1B		General store						7	
HA1315	0.4	MGT2A					22.6			6.2	77.4
HA1322	0.4	MGT2A		Rail						5.4	
HA1329	0.4	MGT2A								5.3	
HA1457	0.4	MGT1A								5.9	
HA1510	0.4	MGT1A		Agriculture						5.3	

Table 15.1
CDA ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	2	1	1	74	10	314	179
Min	0.801	0.021	9.6	6.4	1	3.8	51.1
Mean	1.4	-	-	21.6	2.6	7.1	77.9
Max	1.9	0.021	9.6	47.3	5.6	12	96.1
No. detected	4	1	1	74	10	314	182
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-

Esp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids
					kJ/kg	%	%	%	%	%	
HA1512	0.4	LPF		Agriculture						6.2	
TP1357	0.4	MGT2A	coal blaes	MG Coal	14					6.9	
TP1456	0.4	MGT2B	ash HC odour	MG Mineral working, Fuel US			24			9.4	76
BH1089	0.5	CPF		D/s of Fil Acids section						6.4	
TP1008	0.5	MGT1B								6.9	
TP1009	0.5	MGT2A	concrete metal ash							8	
TP1014	0.5	MGT2A		inter house						7.7	
TP1065	0.5	MGT2A	TP filled with water at .3m	Acid AST						8.2	
TP1088	0.5	MGT1B		Road						8.8	
TP1111	0.5	MGT1B	slight hydrocarbon odour				17.1			8.3	82.9
TP1113	0.5	KF								6.2	
TP1127	0.5	LPF								9.1	
TP1140	0.5	LPF								6.7	
TP1178	0.5	MGT2A	bricks	Rail						7.1	
TP1179	0.5	MGT2A	blaes							6.2	
TP1180	0.5	LPF		Drum store, Rail						6.9	
TP1182	0.5	MGT3	ash	MG Small tip						6.4	
TP1184	0.5	LPF								8	
TP1196	0.5	MGT1A		IMS, EA, acetone ASTs						8.4	
TP1197	0.5	LPF								6	
TP1217	0.5	MGT1B					15	1.3		7	85
TP1218	0.5	MGT1B	concrete	MG Poss brick field, Drum sto			30.9			9.7	69.1
TP1222	0.5	MGT1B	brick	Drum store						8.8	
TP1229	0.5	LPF		Rail						6.2	
TP1248	0.5	LPF		Road			23.3			7	76.7
TP1330	0.5	LPF	HC odour							7.2	
TP1332	0.5	HSTD	bricks and concrete spoil	Spent acid lagoon						9.4	
TP1336	0.5	WTF								5.7	
TP1341	0.5	MGT1B		Acid AST			17.1			7.8	82.9
TP1352	0.5	MGT1B					28.4			7.3	71.6
TP1446	0.5	MGT2B	blaes and brick	Rail			16.9			9.7	83.1
TP1459	0.5	MGT2B	ash	Burning ground						7.6	
TP1464	0.5	MGT1A		Fuel UST			24.9			6.3	75.1
TP1465	0.5	MGT2B	diesel	Next to fuel UST			25.5			8.8	74.5
TP1509	0.5	MGT1A		Agriculture						6.1	
TP1515	0.5	WTF		Car park			19.9			7	80.1
CPT17	0.6	MGT2A								8.1	
CPT35	0.6	LPF								6.6	
TP1003	0.6	WTF								6.8	
TP1011	0.6	MGT2A		Substation						7	
TP1086	0.6	LPF								8.9	
TP1202	0.6	LPF								5.8	
TP1207	0.6	MGT2A					22.1			7.3	77.9
TP1335	0.6	MGT1B								8.9	
CPT48	0.7	MGT1B								6.5	
TP1004	0.7	KF								6.1	
TP1456	0.7	LPF	Strong HC odour	MG Mineral working, Fuel US			38.4			7.8	61.6
CPT39	0.8	LPF								7.1	
CPT70	0.8	LPF								6.6	
TP1346	0.8	MGT2A	clinker	Acid AST						7.4	
TP1489	0.8	WTF								7.4	
CPT19	0.9	LPF								6.5	
BH1445	1	KF		Hydraulic oil AST						7.3	83.2
BH1445	1	KF		Hydraulic oil AST			16.8				57.5
BH1455	1	MGT2B		MG Mineral working, Fuel US			42.5			7	75.5
BH1495	1	WTF		Petrol UST			23			6.9	77
BH1621	1	MGT2A		Uq diesel tank fuel			23.5			7.4	76.5
PPG BH02	1	LPF								6.5	
PPG BH07	1	LPF								7.2	
PPG BH09	1	LPF								6.4	
TP1241	1	WTF		TNT RDX storage			47.3			7.1	52.7
TP1341	1	MGT1B	visible and olfactory HC	Acid AST			17.6			7.2	82.4
TP1465	1	MGT1A		Next to fuel UST			25.9			9.1	74.1
TP1517	1	MGT2C		Car park	1.1		26.6			8.4	73.4
TP1287	1.05	WTF								5.9	
TP1019	1.1	WTF								8.6	
TP1196	1.1	MGT1A								6.7	
TP1209	1.1	MGT2B	ash blaes metal asphalt				23			8.3	77
TP1214	1.1	MGT2A	clinker							6.8	
TP1178	1.2	LPF								6.6	
TP1218	1.2	MGT1B	HC odour				16.6			7.7	83.4
TP1213	1.3	LPF								6.2	
HA1315	1.4	WTF	hydrocarbon smell				28.1			6.1	71.9
TP1249	1.4	WTF					22			7.5	78
BH1455	1.5	MGT2B	hydroc odour							8	
BH1089	2	KF								6.7	
BH1445	2	KF					17.9			8.7	82.1
TP1011	2	WTF								7.9	
TP1092	2	LPF								8	
TP1442	2	MGT1A					16.5			9.6	83.5
TP1458	2	LPF								5.6	
TP1464	2	LPF					11.2			6.2	88.8
TP1517	2.1	WTF					23.5			7.3	76.5
TP1312	2.2	LPF								8	
TP1001	2.3	KF								7.7	
TP1456	2.7	LPF					14.8			9.2	85.2
TP1101	2.8	LPF					21.6	2		8.5	78.4
BH1495	3	WTF					10.2			8.4	89.8
BH1621	3	WTF					11.5			9.7	88.5
PPG BH02	3	LPF								7.4	
PPG BH09	3	LPF								8	
BH1089	4	LPF								7.2	
BH1445	4.5	LPF					31.1			9.3	68.9

Table 15.1
CDA ROS pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	1	1	74	10	314	179
Min	0.801	0.021	9.6	6.4	1	3.8	51.1
Mean	1.4	-	-	21.6	2.6	7.1	77.9
Max	1.9	0.021	9.6	47.3	5.6	12	96.1
No. detected	4	1	1	74	10	314	182
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %
BH1455	4.5	LPF						27.9		8.7	72.1
BH1495	4.5	WTF						15.9		8.6	84.1
BH1621	6	WTF						12.6		9.5	87.4

Table 15.2
CDA Commercial pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	24	6	151	58
Min	9.8	1.3	4.8	54.7
Mean	22.6	4.4	7.0	76.3
Max	45.3	8.1	10.8	90.2
No. detected	24	6	151	58
Assess Criteria	-	-	-	-
No. Exceeding				

Exp. Pt.	Depth	Material Type	Comments	Rationale	Moisture Content	Organic matter	pH	Solids
TP2283	0.2	MGT2A	ash	Misc open storage			6.4	59.2
TP2339	0.1	MGT1B	ceramics	Possible Asbestos Tip			5.3	
TP2339	0.5	LPF		Possible Asbestos Tip			6.7	
TP2340	0.2	MGT1B	glass	Possible Asbestos Tip			5.3	
TP2340	0.5	LPF		Possible Asbestos Tip			6.1	
TP2310	0.1	MGT2A	ceramic	UST Fuel delineation			6.4	79.3
TP2310	0.7	MGT2A	ceramic	UST Fuel delineation			6.4	61.7
TP2335	0.3	MGT3	ash	HC contamination				67.4
TP2335	0.5	MGT3	ceramic	HC contamination				68.9
TP2337	0.1	MGT2B	ash	HC contamination				73.8
TP2337	0.5	MGT2B		HC contamination				75.1
TP2338	0.2	MGT2B	brick	HC contamination				77.4
TP2338	0.5	MGT2B	brick	HC contamination				86.6
TP2604	0.1	MGT1A	brick	Laundry			6.3	
TP2604	0.5	MGT1A	brick	Laundry			7.1	
TP2605	0.1	MGT1A	ceramic	Laundry			6.3	
TP2605	0.5	MGT1A		Laundry			6.9	
TP2620	0.2	MGT1B		Laundry			7.3	80.2
TP2300	4	MGT2A	blaes	Mound material			5.3	
TP2207	0.4	MGT1B	chemical odour	White Phos Section			10.8	70.2
TP2208	0.3	MGT2A	possible asbestos tile	White Phos Section			7.1	
TP2209	0.45	MGT1A	charcoal	White Phos Section			6.8	
TP2204	0.1	MGT2A	ash	White Phos Section			7.8	
TP2205	0.45	MGT2B	ash/clinker	White Phos Section			9.1	
TP2206	0.1	MGT2B	Ash	White Phos Section			6.6	
TP2210	0.1	MGT2B	suspect asbestos	White Phos Section			5.9	
TP2210	0.4	MGT1B	Hc odour	White Phos Section				83.2
TP2455	0.1	MGT1A	timber	AST acid			8.3	82.2
TP2462	0.5	MGT1A	half bricks roots	Road			8.4	
TP2462	2.2	MGT1A	half bricks roots	Road			8.4	
TP2465	0.1	MGT2B	ash/clinker	Boiler House 2			7.8	70.5
TP2465	0.4	MGT2B	ash/clinker	Boiler House 2			7.6	
TP2466	0.5	MGT1A	rootlets	Boiler House 2			8.1	
TP2467	1.6	MGT2A	ash	Boiler House 2			7.8	85.9
TP2467	2.7	MGT2A	ash	Boiler House 2			8.3	
TP2437	0.5	WTF		Substation CDA				88
TP2458	0.3	MGT2B	ash	AST Fuel delineation			7.9	79.3
TP2458	0.7	MGT1A	glass	AST Fuel delineation				88.5
TP2471	0.5	MGT1A	Hydro odour	HC contamination				72.4
TP2471	0.9	MGT1A	oily sheen	HC contamination				81.8
TP2472	0.3	MGT2B	ash	HC contamination				79
TP2472	0.5	MGT2B	ash	HC contamination				78.9
TP2473	0.3	MGT2B		HC contamination				71.1
TP2473	2.1	LPF		HC contamination				81.1
TP2466	0.1	MGT2B	ash	Boiler House 2			8.5	
TP2438	0.3	WTF	ash	Substation CDA				70.2
TP2438	0.7	WTF		Substation CDA				89.7
TP2439	0.1	MGT2A	ash	Substation CDA				67.9
TP2460	0.5	MGT2A	Ash	Narrow guage			7.9	
TP2460	1	WTF		Narrow guage			8.6	
TP2456	0.6	MGT2A	Brick	AST acid			7.6	
BH2266	1.5	LPF		CDA GW			8	
TP2896	0.1	MGT2A		Exp residues			5.6	
HA2273	0.15	MGT2A	Brick	Next to process drain/ditch			5.2	

Table 15.2
CDA Commercial pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	24	6	151	58
Min	9.8	1.3	4.8	54.7
Mean	22.6	4.4	7.0	76.3
Max	45.3	8.1	10.8	90.2
No. detected	24	6	151	58
Assess Criteria	-	-	-	-
No. Exceeding				

Exp. Pt.	Depth	Material Type	Comments	Rationale	Moisture Content	Organic matter	pH	Solids
TP2427	0.3	MGT1A	ash	AST acid			7.6	66.3
TP3116	0.5	MGT2B	ash/clinker	Laundry				87.7
TP3116	3	MGT1A	crushed brick	Laundry			6.4	67.3
TP3115	0.1	MGT1A		Laundry			5.9	
TP3139	0.5	MGT1B		HC Contamination			6.9	75.6
TP3139	0.5	MGT1B	duplicate	HC Contamination			7.1	66.9
TP3140	0.75	MGT2A		HC Contamination			6.5	63.6
TP3158	0.1	MGT2B	ash	White Phos			5.9	68.5
BH1231	0.1	MGT2B	bits ash				6.6	
BH1231	0.5	WTF			27.6		6.6	72.4
BH1242	0.1	MGT2A	brick/glass				6.8	
BH1242	0.5	WTF					6.6	
BH1231	3	WTF					8.7	
BH1231	8.5	WTF			9.8		10.1	90.2
BH1242	3.5	WTF					9.6	
BH1242	4.5	WTF					9.7	
TP1128	0.1	MGT1B					7.9	
TP1128	0.7	LPF					7.1	
TP1129	0.1	MGT2A	clinker				7.7	
TP1129	0.9	MGT2A			18.8	1.3	6.2	81.2
TP1132	0.1	MGT2A	clinker				6.6	
TP1132	1	LPF					7.3	
TP1133	0.1	MGT1B					6.3	
TP1133	0.4	MGT1B					7.5	
TP1136	0.1	MGT2A	asb.				7.4	
TP1136	0.4	MGT2A	asb.				8.2	
TP1323	0.3	TSL					5.8	
TP1323	0.5	WTF					5.9	
TP1334	0.5	MGT2B	type 1 blaes				8.1	
TP1337	0.3	MGT2A	ash type 1		11.1	5.5	8.2	88.9
TP1337	1	WTF					7.9	
TP1342	0.5	MGT1B	brick tile and charcoal				7.1	
TP1342	1	MGT1B	brick tile and charcoal				7.6	
TP1344	0.3	MGT1B	brick blaes glass tile				7.2	
TP1344	1	WTF	charcoal				7.6	
TP1347	0.5	MGT2B	ash		12.7		7.9	87.3
TP1347	1.55	MGT1B	visible and strong olfactory HC				7.8	
TP1462	0.3	MGT2A	brick				5.8	
TP1462	0.5	MGT2A	brick				5.9	
TP1463	0.1	MGT2A	brick				6.3	
TP1463	0.5	LPF			28.2		6.4	71.8
BH1134	0.1	LPF	red shale				6.9	
BH1134	0.3	LPF	organic		24.6		7.1	75.4
BH1134	2	LPF					7.5	
BH1134	3	LPF					8.2	
HA1324	0.1	KF					4.8	
HA1324	0.8	WTF					5.9	
TP1130	0.1	MGT1B	type 1				8	
TP1130	0.5	MGT2A	blaes				7.5	
TP1131	0.1	MGT2A	clinker		28.6		6.1	71.4
TP1131	0.45	MGT2A	clinker				8	
TP1135	0.3	MGT1B	brick blaes tile				7.6	
TP1135	0.5	MGT1B	brick blaes tile				7.1	
TP1137	0.45	MGT2A					7.4	




Table 15.2
CDA Commercial pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	24	6	151	58
Min	9.8	1.3	4.8	54.7
Mean	22.6	4.4	7.0	76.3
Max	45.3	8.1	10.8	90.2
No. detected	24	6	151	58
Assess Criteria	-	-	-	-
No. Exceeding				

Exp. Pt.	Depth	Material Type	Comments	Rationale	Moisture Content		pH	Solids	
					%	%		%	%
TP1137	1.4	MGT1B	clinker				6.6		
TP1138	0.1	MGT2A	brick blaes tile glass		29.1		6.5	70.9	
TP1138	0.5	LPF			23.7		6.7	76.3	
TP1226	0.25	TPSL	charcoal		14.7	3	6.6	85.3	
TP1226	0.5	TPSL	charcoal				6.4		
TP1230	0.1	MGT2A			32.7	8.1	6.2	67.3	
TP1230	0.3	MGT2A					6.3		
TP1234	0.1	MGT1A					5.7		
TP1234	0.6	LPF					6.5		
TP1237	0.3	KF					6.6		
TP1237	0.5	KF					7.1		
TP1239	0.1	MGT2A					6.8		
TP1239	0.5	MGT2A					7.7		
TP1240	0.1	MGT1B			21.8		5.7	78.2	
TP1240	0.3	MGT1B					5.6		
TP1328	0.3	MGT1B	no tub		13.3		8.4	86.7	
TP1328	0.5	MGT1B					8.7		
TP1331	0.1	HSTD	ash				8.2		
TP1331	0.5	WTF					8.2		
TP1333	0.1	MGT1B					8.2		
TP1333	0.5	MGT1B	bricks				7.6		
TP1210	0.1	MGT2B	ash		11.2		6.2	88.8	
TP1210	0.3	MGT2B	ash				6.4		
TP1215	0.1	TPSL					6.1		
TP1215	0.45	TPSL					7.2		
TP1225	0.1	MGT2A	charcoal frags				6.6		
TP1225	0.5	KF					7.1		
TP1232	0.3	MGT1B			28.8		6.2	71.2	
TP1232	2.5	LPF			25.3		6.4	74.7	
TP1236	0.3	MGT2A			30	6.7	5.7	70	
TP1236	0.5	LPF			16		6	84	
TP1243	0.1	MGT2A					6.2		
TP1243	0.3	MGT2A					6.1		
TP1244	0.1	MGT2A	brick glass tile charcoal		16.6		5.7	83.4	
TP1244	0.5	MGT2A	brick glass tile charcoal				6		
TP1245	0.1	MGT2A			25.2		6	74.8	
TP1245	0.5	LPF			20.8		7.2	79.2	
TP1246	0.3	MGT2A	asb sheet brick tile glass				6.9		
TP1246	0.5	MGT2A	white fibrous				6.8		
TP1247	0.5	KF			45.3	1.9	6.1	54.7	
TP1247	2.2	LPF					8.2		
TP1250	0.1	MGT2A					5.4		
TP1250	0.3	LPF					6		
TP1251	0.3	LPF					6.1		
TP1251	0.7	LPF					6.8		
TP1233	0.25	MGT2A	brick		26.4		6.6	73.6	
TP1233	0.5	LPF					7.2		
HA1142	0.1	MGT2A					6.7		
PPG BH03	0.4	TPSL					6.6		
PPG BH03	1.2	TPSL					7.1		
PPG BH06	0.2	MGT2B					6.4		
CPT59	0.8	MGT2A					6.7		
CPT64	0.5	MGT2A					6.9		
CPT71	0.2	TPSL					5.6		

Table 15.2
CDA Commercial pH, solids & other

 Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	24	6	151	58
Min	9.8	1.3	4.8	54.7
Mean	22.6	4.4	7.0	76.3
Max	45.3	8.1	10.8	90.2
No. detected	24	6	151	58
Assess Criteria	-	-	-	-
No. Exceeding				

Exp. Pt.	Depth	Material Type	Comments	Rationale	Moisture Content	Organic matter	pH	Solids
					%	%	%	%
PPG BH06	1	WTF					7.9	
PPG BH06	3	WTF					8.9	
PPG BH06	0.2	MGT2B					5.9	
CPT20	0.2	TPSL					5.7	
TP29/115	1	MGT1A					7	
TP29/115	3	MGT2A					7.9	
TP28/112	2	MGT1A					6.3	
TP28/112	5	MGT1A					6.3	
CPT58	0.5	MGT1B					6.1	

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Cat. value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
BGAWS01	0.1	MGT2B		Burning ground						6.3	70	
BGAWS01	0.5	MGT2B		Burning ground		0.058				6.1	70.5	
BGAWS01	0.3	MGT2B		Burning ground						6.1		
BGAWS02	0.3	MGT2B		Burning ground		0.063	20			7.3	67.8	
BGAWS02	0.5	MGT1B		Burning ground						6.7		
BGAWS02	1.2	LPF		Burning ground						7		
BGTP01	1.5	WTF		Burning ground						4		
BGTP01	0.3	MGT2C		Burning ground						6.8		
BGTP03	0.5	MGT2C		Burning ground						5.2		
BGTP04	0.4	MGT2B		Burning ground						6.4		
BGTP05	0.25	MGT2C		Burning ground						6.3		
BGTP07	0.35	MGT2B		Burning ground						6		
BGTP07	0.55	MGT2C		Burning ground						6.6		
BGTP08	0.3	MGT2B		Burning ground						5.3		
BGTP11	0.9	MGT1A		Burning ground						6.1		
BGTP12	1.3	WTF		Burning ground						5.6		
BGTP12	0.25	MGT2B		Burning ground						5.9		
BGTP16	0.25	MGT2B		Burning ground						5.7		
BGTP17	0.7	MGT1B		Burning ground						6.5		
BGTP18	1.2	WTF		Burning ground						6.2		
BGTP20	1.4	WTF		Burning ground						6.4		
BGTP20	0.6	MGT2B		Burning ground						7.8		
BGTP21	0.05	MGT2A		Burning ground						7.2		
BGTP22	0.2	MGT2B		Burning ground						6.6		
BGTP23	0.45	MGT2B		Burning ground						6.2		
BGTP23	1.35	WTF		Burning ground						6.5		
BGTP23	0.75	MGT2A		Burning ground						7.5		
BH1027	0.1	TPSL		Investigate GW in sand outcrop						5.6		
BH1027	0.5	KF		Investigate GW in sand outcrop						6		
BH1027	4.5	KF								7.5		
BH1027	7.5	KF								8.3		
BH1046	0.3	WTF	red sandy	Additional d/s of Boghall						5.8		
BH1046	1	WTF	red brown	Additional d/s of Boghall						6.8		
BH1050	0.3	WTF	dark organic spots	D/s of Boghall other side of dyke			28.4			5.9	71.6	
BH1050	0.1	TPSL	clayey silty	D/s of Boghall other side of dyke						6		
BH1167	3	LPF								7.8		
BH1167	1.5	LPF								8		
BH1167	1	LPF		Drum store						9.3		
BH1167	0.3	MGT1B		Drum store						11.3		
BH1297	0.1	MGT1A		D/s of potential sources in Quar			22.2			9.2	77.8	
BH1297	3	LPF								8.3		
BH1297	4.5	LPF								8.5		
BH1297	0.3	MGT2B	& ash	D/s of potential sources in Quar						9.3		
BH1306	0.1	MGT1A		Acetone AST, Rail, Road			33.9			8.9	66.1	
BH1306	0.3	MGT1A	& topsoil	Acetone AST, Rail, Road						8.9		
BH1306	2	LPF								9.2		
BH1306	4.5	LPF								9.6		
BH1349	0.1	MGT3	brick con	In Picrite Section, also replaces						6.6		
BH1349	0.5	MGT3		In Picrite Section, also replaces						6.9		
BH1349	4.5	WTF								9.6		
BH1366	3	WTF					10.7			8.3	89.3	
BH1366	4.8	WTF					8			8.5	92	
BH1366	0.1	MGT2B		D/s of Tetryl/RDX B, 'steamies' 4						7.9		
BH1366	0.5	MGT2B		D/s of Tetryl/RDX B, 'steamies' 4						8.5		
BH1375	0.5	LPF		Within Tetryl/RDX B & Ammo Bl						7.8		
BH1375	0.35	MGT2A	clinker	Within Tetryl/RDX B & Ammo Bl						8.2		
BH1375	7.5	LPF								8.8		
BH1375	12	WTF								9.2		
BH1412	2	LPF								6.7		
BH1412	4.5	LPF								6.9		
BH1429	0.3	MGT2B		MG Coal. Near storage areas a			20			8.7	80	
BH1429	1.5	CPF								4.9		
BH1429	4.5	LPF								7.3		
BH1429	0.5	CPF		MG Coal. Near storage areas a						9.1		
BH1430	1.5	LPF								5.4		
BH1430	0.6	MGT2B		General storage area						5.5		
BH1430	0.1	MGT2B		General storage area						7		
BH1430	4.5	WTF								8.5		
BH1504	1.5	LPF								4.5		
BH1504	4.5	LPF								6.3		
BH1504	0.1	MGT2B		MG Sulphur dump						6.6		
BH1504	0.5	MGT1B	rubble	MG Sulphur dump						7		
BH1528	0.5	KF		Landfill location A1						5.9		
BH1528	3	KF								6.7		
BH1528	0.1	MGT2B		Landfill location A1						6.9		
BH1529	1.5	KF								6.8		
BH1529	0.5	KF		Landfill location A1						7.2		
BH1529	0.1	MGT2B		Landfill location A1						7.5		
BH1530	1	KF	red/ brown	Landfill location A1						6		
BH1530	3.5	KF								6.6		
BH1530	0.5	MGT1A		Landfill location A1						8.2		
BH1530	7.5	WTF								8.7		
BH1531	7.5	WTF								8.2		
BH1531	13.5	WTF								9		
BH1623	0.1	MGT2A	ash	Fills gap in Fil. NG pond Rail						5.9		
BH1623	0.5	MGT2B	ash	Fills gap in Fil. NG pond Rail						6.8		
BH1623	3	LPF								7.7		
BH1624	0.5	MGT2B	ash	MG Netherfield Tip 2						5.8		
BH1624	0.1	MGT2B	ash	MG Netherfield Tip 2						5.9		
BH1624	1.5	LPF								6.1		
BH1624	4.5	LPF								7.9		
BH2041	0.1	MGT1A	brick	AST Acid						7.8		
BH2061	0.1	KF	locks reworked	Delineation Boghall						6.2	77.7	
BH2063	0.3	WTF	reworked ?	ROS GW						6.3		
BH2221	0.45	MGT2A	blaes	ROS GW						6.6	77.8	
BH2222	0.7	MGT2B		Ash						8.9		
BH2223	0.1	WTF	ash	ROS GW						5.7	72.1	
BH2224	0.3	MGT1A	brick	Ash						8.6		
BH2225	0.1	MGT2A	blaes	Intermediate hydro						5.7	72.4	

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Caterific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
BH2226	0.1	MGT2B	ash	ROS GW						7.8		
BH2348	0.3	MGT2A	blaes	ROS GW						6.1		
BH2349	0.5	MGT2A	blaes	ROS GW						7	85.4	
BH2351	0.3	MGT2A	clinker	ROS GW						6.3		
BH2353	0.1	LPF	reworked	Intermediate hydro						5.5	72.5	
BH2354	0.3	MGT1A	wood fragment	ROS GW						5.9		
BH2380	0.1	MGT1A		Deep GW						6.2		
BH2414	0.5	MGT1A	RWN	AST Acid						8.3	81.7	
BH2477	0.5	MGT1A	concrete	Big Steamie						8.3		
BH2529	0.5	MGT1A	brick	ROS GW						5.8		
BH2530	0.1	TPSL		ROS GW						5.9	60.5	
BH2531	1	MGT2B	ash	Ash						6.6		
BH2532	0.3	MGT1A	brick	Ash						7.7		
BH2533	1	MGT2B	ash	Ash						6.9		
BH2534	0.5	MGT2B	ash	ROS GW							66.6	
BH2534	0.5	MGT2B	ash	ROS GW						6.8		
BH2535	0.5	MGT2A	clinker	ROS GW						6.9		
BH2535	0.5	MGT2A	clinker	ROS GW						6.4	68.6	
BH2537	0.3	MGT2A	ash	Deep GW						6.4	67.3	
BH2635	0.3	TPSL		ODA shallow compliance						5.6		
BH2636	0.3	LPF		ROS GW						6.1	37.3	
BH2643	0.1	CPF		ROS shallow compliance						6.2		
BH2653	1	MGT2B	ash	Picrite Deep GW						6.4	75	
BH2664	0.3	MGT2A		ROS shallow compliance						6.2		
BH2667	0.1	MGT2B	ash	ROS GW						6		
BH2668	0.3	MGT2B	ash	Sulphur Dump						3.6	67.6	
BH2669	1	MGT2A	clinker	Sulphur Dump						4.7		
BH2670	0.5	MGT2A	ash	ETF shallow compliance						6.3	77.2	
BH2671	1.5	MGT2B	ash	ETF shallow compliance						8.5		
BH2671	0.5	MGT2B	ash	ETF shallow compliance						10		
BH2681	0.3	MGT2B	ash	Deep GW						7		
BH2683	1	MGT2C	PFA	Deep GW						7.5	72.9	
BH2683	0.3	MGT2C	PFA	Deep GW						7.5		
BOG TP01	0.1	MGT2B		Boghall Dump						6.2		
BOG TP01	1.2	MGT3		Boghall Dump						8.3		
BOG TP02	0.1	MGT1B		Boghall Dump						6		
BOG TP02	0.6	LPF		Boghall Dump						6.9		
BOG TP03	0.1	MGT2B		Boghall Dump						7.2		
BOG TP03	3.5	MGT2A		Boghall Dump						7.7		
BOG TP04	0.6	MGT2B		Boghall Dump						10		
BOG TP05	1.5	MGT2B		Boghall Dump						8.2		
BOG TP05	0.2	MGT2B		Boghall Dump						10.1		
BOG TP06	0.1	MGT2B		Boghall Dump						6.9		
BOG TP07	0.2	MGT2A		Boghall Dump						6.5		
BOG TP08	4	WTF		Boghall Dump						7		
BOG TP08	0.8	MGT1B		Boghall Dump						8.1		
BOG TP08	1	MGT1B		Boghall Dump						8.4		
BOG TP09	1	MGT3		Boghall Dump						7.5		
BOG TP09	0.05	MGT2B		Boghall Dump						8.2		
BOG TP10	0.5	WTF		Boghall Dump						7.7		
BOG TP10	0.1	MGT2B		Boghall Dump						8.4		
BOG TP11	0.5	WTF		Boghall Dump						7.5		
BOG TP11	0.2	MGT2A		Boghall Dump						7.9		
BOG TP12	1	MGT2B		Vegetation Tip						7.2		
BOG TP12	0.6	MGT2B		Vegetation Tip						7.4		
BOG TP13	3	WTF		Vegetation Tip						6.7		
BOG TP14	0.1	TPSL		Vegetation Tip						5.6		
CPT22	0.4	LPF								6.8		
CPT23	0.3	MGT1A								6.6		
CPT26	0.3	MGT2A								7.4		
CPT27	0.3	MGT1B								6		
CPT51	1	WTF								8.4		
CPT55	0.2	MGT1A								9.3		
CPT57	1	MGT2A								7.4		
CPT61	0.5	MGT2B								7.2		
CPT68	0.8	MGT1A								6.8		
CPT73	1	KF								6.1		
CPT74	0.8	LPF								5.6		
CPT76	0.3	MGT2C								6.9		
CPT81	0.2	TPSL								5.5		
CPT82	0.5	LPF								7.9		
ERA B20	0.2	MGT1B		MG Netherfield Tip 2						8.3		20
ERA B21	0.2	MGT1B								6.9		10
ERA B22	0.2	TPSL								5		6
ERA B23	0.2	TPSL								5.1		5
GT TP188	0.2	MGT2A	clinker brick concrete							6.9		
GT TP188	0.5	MGT2B	blaes coal clinker brick							7		
GT TP188	0.8	KF								7.2		
GT TP200	0.2	MGT2A	litle clinker							6.4		
GT TP202	0.3	MGT2B								6.2		
GT TP203	0.2	MGT1A	pottery & metals							4.6		
GT TP204	0.2	MGT1A								5.6		
GT TP204	0.5	MGT1B	bricks							5.6		
GT TP205	0.3	MGT1A								4.8		
GT TP207	0.3	MGT1A								5.7		
GT TP208	0.2	MGT2A								7.2		
GT TP209	0.2	MGT2A	litle clinker							6		
GT TP209	0.4	LPF								6.8		
GT TP210	0.3	MGT2A	clinker white oxide blaes							6.2		
GT TP210	0.8	LPF								7.8		
GT TP211	0.2	MGT2A	litle clinker							5.9		
GT TP212	0.1	MGT1A								5.9		
GT TP213	0.2	MGT1A	litle metal pottery							6		
GT TP214	0.1	MGT2A								4.7		
GT TP215	0.2	MGT2A	litle clinker							5.8		
GT TP215	0.4	LPF								7		
GT TP216	0.1	No Log								5.9		
GT TP216	0.3	No Log								6.5		
GT TP216	0.8	No Log								7.2		
GT TP216	1	No Log								7.2		

Table 15.3
ROS pH, solids & other

 Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

		No. of Samples										
		11	2	6	129	17	1023	372	4			
		Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5		
		Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3		
		Max	19	0.063	96	87.1	25	11.3	96	20		
		No. detected	11	2	6	129	12	1023	372	4		
		Assess Criteria	-	-	-	-	-	-	-	-		
		No. Exceeding	-	-	-	-	-	-	-	-		
Exp. Pt.	Depth	Material Type	Comments	Rationale	Caterific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
GT TP216	0.6	No Log								7.7		
GT TP217	0.2	No Log								5.3		
GT TP218	0.2	MGT1A								6.1		
GT TP218	0.6	MGT1A								7		
GT TP219	0.2	MGT2A	little clinker							6.1		
GT TP220	0.2	MGT2B	white oxide							6.3		
GT TP221	0.2	MGT2A	little clinker							5.2		
GT TP221	0.5	LPF								6.8		
GT TP222	0.1	MGT1A								6.1		
GT TP223	0.2	MGT2B	clinker brick vlaes							6.3		
GT TP224	0.2	MGT2B	clinker brick blaes							6.2		
GT TP224	0.4	MGT2B	clinker brick blaes							6.6		
GT TP225	0.2	MGT1A								5.7		
GT TP226	0.2	MGT2A	coal brick							4.7		
GT TP227	0.4	MGT2A	clinker brick coal							5.9		
GT TP228	0.2	MGT2A	little clinker							5.3		
GT TP228	0.5	MGT2A	little clinker							6.2		
GT TP228	0.4	MGT2A								5.6		
GT TP230	0.2	No Log								5.2		
GT TP230	0.6	No Log								6.6		
GT TP232	0.4	LPF								5.2		
GT TP233	0.2	MGT1B	little brick tile concrete							6		
GT TP234	0.2	No Log								5.7		
GT TP234	0.7	No Log								7.1		
GT TP234	0.5	No Log								7.6		
GT TP235	0.2	No Log		Sulphur dump						3.5		
GT TP235	0	No Log		Sulphur dump						3.6		
GT TP235	0.5	No Log		Sulphur dump						4.2		
GT TP235	1.6	No Log								5.3		
GT TP235	1.1	No Log								6.2		
GT TP236	0	MGT2B	clinker brick white oxides sulphur	Sulphur dump						1.9		
GT TP236	0.2	MGT2B		Sulphur dump						2.2		
GT TP236	0.4	MGT1A		Sulphur dump						2.4		
GT TP236	0.7	LPF		Sulphur dump						2.5		
GT TP237	1.2	LPF								4.6		
GT TP237	0.2	MGT2B	clinker brick white oxides							5		
GT TP237	0.6	MGT2A	clinker brick							7.4		
GT TP239	0.3	MGT2A								6.1		
GT TP239	0.6	MGT1A	silty clay							6.5		
GT TP240	1	LPF		Ash						7.2		
GT TP240	0.1	MGT2B	clinker brick	Ash						8		
GT TP240	0.5	MGT2B	timbers HC odour	Ash						8.1		
GT TP241	0.2	MGT2B	clinker brick concrete							6.4		
GT TP242	0.8	MGT2A	brick							6.1		
GT TP242	0.2	MGT2B	clinker brick concrete							6.4		
GT TP243	0.5	MGT2B								7		
GT TP243	0.2	MGT2B	clinker brick concrete							8.1		
GT TP244	0.1	MGT2A								5		
GT TP245	0.1	MGT2A	little clinker							6.7		
GT TP245	0.4	MGT2A	metal timber							6.8		
GT TP246	0.2	MGT2A	earthenware glass pottery							6.1		
GT TP249	0.2	MGT2A								6.2		
GT TP250	0.2	MGT2A	little clinker							6.1		
GT TP250	0.4	MGT2A								6.7		
GT TP251	0.2	MGT2A	little clinker							6.1		
GT TP252	0.7	MGT2A	coal brick metal							7		
GT TP252	0.2	MGT2B	coal brick clinker metal							7.4		
GT TP252	1	LPF								7.6		
GT TP253	0.2	MGT2B	clinker concrete brick							6.2		
GT TP254	0.2	MGT2A	coal pottery							5.4		
GT TP255	0.5	MGT2A								6.1		
GT TP255	0.2	MGT2B	clinker brick							6.8		
GT TP256	0.6	MGT2A	ssst coal							6.5		
GT TP256	1	LPF								7		
GT TP256	0.2	MGT2B	clinker brick							8.3		
GT TP257	0.1	MGT2B	clinker brick							6.1		
GT TP257	0.6	MGT2A								7		
GT TP257	0.3	MGT2A	clinker							7.5		
GT TP258	0.2	MGT2A	little clinker							5.7		
GT TP259	0.3	MGT2A	clinker							5.8		
GT TP259	0.6	LPF								6.4		
GT TP260	0.5	MGT2A	blaes white oxides							7.8		
GT TP262	0.3	MGT2A	little clinker							6.5		
GT TP263	0.2	MGT2A	little clinker & brick							6.3		
GT TP263	0.6	MGT1B								6.5		
GT TP264	0.3	MGT1B	little brick pottery							5.9		
GT TP265	0.2	MGT1A	little clinker							5.9		
GT TP265	0.5	MGT1A	coal charcoal							6.6		
GT TP266	0.2	MGT2A	concrete brick pottery							6		
GT TP266	0.6	LPF								6.6		
GT TP267	0.6	LPF	coal							5.5		
GT TP267	0.2	MGT1A	clinker brick concrete							7.2		
GT TP268	0.6	MGT1A								6.7		
GT TP268	0.5	MGT2A								7.5		
GT TP268	0.2	MGT2A	clinker brick							7.9		
GT TP269	0.2	MGT2A	clinker brick concrete							6.9		
GT TP269	2	KF								7.7		
GT TP269	0.6	MGT2A	some clinker							7.7		
GT TP269	1.6	MGT1B	clinker							7.8		
GT TP270	0.3	MGT2A	little clinker							5.8		
GT TP271	0.2	MGT1A	little clinker							5.6		
GT TP272	0.2	MGT2C		Netherfield tip 1						6.5		
GT TP272	0.6	MGT2A	coal charcoal	Netherfield tip 1						6.7		
GT TP274	0.9	MGT1A	clinker brick white oxides							6.5		
GT TP274	0.3	MGT1A	clinker brick							7.8		
GT TP275	0.2	MGT1A								6.6		
GT TP275	0.3	MGT1B	brick clinker white oxides							7.1		
GT TP275	1.1	MGT1B	clinker							7.5		
GT TP276	0.5	MGT2B								6.2		

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	11	2	6	129	17	1023	372	4
Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
Max	19	0.063	96	87.1	25	11.3	96	20
No. detected	11	2	6	129	12	1023	372	4
Assess Criteria	-	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Caterific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
GT TP276	0.2	MGT1a	brick concrete coal slate							6.3		
GT TP277	0.4	MGT2B								6.5		
GT TP277	0.1	HSTD	clinker brick concrete							8.3		
GT TP278	0.3	MGT2a	clinker brick							6.8		
GT TP279	0.1	MGT1a	coal brick							5.9		
GT TP280	0.2	MGT1b	coal pottery							6.2		
GT TP281	0.1	MGT2a	clinker							6.6		
GT TP281	0.3	MGT2b	brick concrete							6.6		
GT TP281	0.6	MGT2a	clinker brick concrete							6.7		
GT TP282	0.6	MGT1a	little clinker							6.2		
GT TP282	0.3	MGT1a	ehite red oxides							6.8		
GT TP284	1.2	KF								7.6		
GT TP284	0.5	MGT2A	clinker brick concrete							8		
GT TP285	0.5	MGT2A	brick concrete							7.3		
GT TP285	1.1	MGT1A	coal							7.5		
GT TP286	0.6	MGT1B	brick and concrete							5.3		
GT TP286	1.8	MGT2C								7.5		
GT TP286	0.2	MGT1B	brick concrete metal							8		
GT TP286	2.5	LPF								8		
GT TP287	0.5	MGT2A	clinker brick concrete							7.1		
GT TP289	0.4	MGT2B	red & white oxides							7.2		
GT TP290	0.5	MGT2A	<Null>							7.2		
GT TP290	0.3	MGT2B								8.7		
GT TP301	0.1	MGT2A								5		
GT TP303	0.1	MGT2A								6.1		
GT TP306	0.5	LPF								5.9		
GT TP307	0.2	MGT2B	clinker brick							6.3		
GT TP309	0.5	LPF								7.2		
GT TP310	0.5	MGT2B	blaes clinker brick							6.6		
GT TP310	0.1	MGT1A	silvery metal oxides							6.8		
GT TP311	0.5	LPF								6.4		
GT TP313	0.9	LPF								6.4		
GT TP313	0.6	MGT2B	clinker blaes brick							6.7		
GT TP313	0.2	MGT2B	clinker concrete							7.2		
GT TP316	0.2	MGT1B								5.6		
GT TP317	0.2	MGT2A								5.6		
HA1039	0.1	LPF					27.9			5.8	72.1	
HA1039	0.4	LPF								5.7		
HA1049	0.1	CPF								6		
HA1051	0.1	LPF								5.2		
HA1051	0.4	LPF								5.5		
HA1159	0.1	MGT1B								6.1		
HA1303	0.1	LPF								5.8		
HA1303	0.4	LPF								5.8		
HA1308	0.1	MGT2A								6		
HA1308	0.4	MGT2A								6.7		
HA1309	0.1	MGT2A								6.3		
HA1371	0.1	LPF								5.3		
HA1371	0.4	LPF								5.5		
HA1385	0.1	LPF					32.3			5.2	67.7	
HA1385	0.3	LPF								5.2		
HA1388	0.1	CPF					96	68	>25	3.6	32	
HA1388	1	LPF								4.5		
HA1389	0.1	MGT2A								7.1		
HA1389	0.4	KF								7.8		
HA1395	0.1	KF					46.1			5	53.9	
HA1397	0.1	MGT2A								6.1		
HA1397	0.4	MGT2A								6.2		
HA1399	0.1	LPF								5		
HA1399	0.4	LPF								5.1		
HA1401	0.1	KF								5.3		
HA1401	0.4	KF								5.4		
HA1403	0.1	KF								4.7		
HA1403	0.4	KF								5		
HA1468	0.4	MGT1A	Proof range				17.1			6	82.9	
HA1468	0.9	LPF	Proof range							6.8		
HA1467	0.1	LPF								6.1		
HA1487	0.4	LPF								6.4		
HA1488	0.1	LPF					25			6	75	
HA1488	0.4	LPF								6.2		
HA1493	0.1	LPF								5.7		
HA1493	0.3	LPF								5.8		
HA1507	0.1	WTF	Agriculture				14.9	5	4.6	85.1		
HA1507	0.4	WTF	Agriculture				11.9		5.3	88.1		
HA1508	0.1	LPF	Agriculture				14.8		6.5	85.2		
HA1508	0.4	LPF	Agriculture						6.6			
HA1511	0.4	MGT1B	Agriculture						6.6			
HA1511	0.1	MGT1A	Agriculture						6.7			
HA1513	0.1	LPF	Agriculture						5			
HA1513	0.4	LPF	Agriculture						5.2			
HA1516	0.1	MGT1B	Agriculture						5.6			
HA1518	0.1	LPF	Agriculture						5.7			
HA1518	0.4	LPF	Agriculture						5.8			
HA1519	0.1	LPF	Agriculture						5.5			
HA1519	0.4	LPF	Agriculture						5.7			
HA1520	0.1	LPF	Agriculture						6.2			
HA1520	0.4	LPF	Agriculture						6.2			
HA1521	0.4	CPF	Agriculture						3.7			
HA1521	0.1	CPF	Agriculture						4.2			
HA1522	0.1	CPF	Agriculture				26	33.5	>25	5.3	66.5	
HA1522	0.4	CPF	Agriculture						5.3			
HA1523	0.1	CPF	Agriculture						5.3			
HA1523	0.9	CPF	Agriculture						6			
HA1524	0.1	LPF	Agriculture				23.3		5.4	76.7		
HA1524	0.4	LPF	Agriculture						5.5			
HA1525	0.1	CPF	Agriculture				75.1		5	24.9		
HA1525	0.9	LPF	Agriculture						5.8			
HA1526	0.4	CPF	Agriculture				94	87.1	>25		12.9	
HA1526	0.1	CPF	Agriculture				81.2		3.9	18.8		

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples												
				11	2	6	129	17	1023	372	4					
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5				
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3				
				Max	19	0.063	96	87.1	25	11.3	96	20				
				No. detected	11	2	6	129	12	1023	372	4				
				Assess Criteria	-	-	-	-	-	-	-	-				
				No. Exceeding	-	-	-	-	-	-	-	-				
Exp. Pt.	Depth	Material Type	Comments	Rationale	Cationic value Mj/kg	Fraction of Organic Carbon %	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter				
HA1527	0.1	TPSL		Agriculture				28.4	11	5.9	71.6					
HA1527	0.4	LPF		Agriculture						6.3						
HA1617	0.1	TPSL								6.3						
HA1617	0.4	TPSL								6.5						
HA1618	0.1	MGT1B								5.4						
HA1618	0.4	MGT1B								6						
HA1642	0.1	MGT2A		Transformer						6						
HA2069	0.4	MGT2A	Clinker	Veg tip Delineation						6.7	79.7					
HA2070	0.35	MGT1B	Clinker	Veg tip Delineation						6.1	71.8					
HA2071	0.6	MGT1B	Within void in old tip	Veg tip Delineation						7.1	57					
HA2072	0.35	MGT2A	Reworked with brick and concrete	Veg tip Delineation						7.6	80.3					
HA2073	0.1	MGT2A	Reworked with brick and clinker	Veg tip Delineation						7.3	80.1					
HA2074	0.3	MGT1B		Veg tip Delineation						6.9	63.2					
HA2236	0.15	MGT1B	Brick	Substation ROS						6.6	70.5					
HA2424	0.15	MGT2A	Ash and brick	AST acid						8.1	70.2					
HA2450	0.55	MGT1B		Substation ROS						41.7						
HA2450	0.15	MGT1B	Clay piping	Substation ROS						6.6	58.6					
HA2463	0.15	MGT1B	Wood chippings	Substation ROS						7.1	46.7					
HA2463	0.42	WTF		Substation ROS						76.5						
HA2464	0.15	MGT2A	Brick	Substation ROS						60.3						
HA2464	0.55	MGT2A	Brick	Substation ROS						7	61.1					
HA2485	0.3	TPSL		Possible tip ammo breakdown						4.4						
HA2485	0.3	TPSL		Possible tip ammo breakdown						4.4						
HA2489	0.5	WTF		Possible tip ammo breakdown						5.3	71.9					
HA2489	0.15	WTF		Possible tip ammo breakdown						4.9						
HA2516	0.25	WTF		Possible tip ammo breakdown						6.4						
HA2517	0.15	WTF		Possible tip ammo breakdown						6.4	54.5					
HA2545	0.3	TPSL	reworked	General waste						6.1	72.1					
HA2545	0.3	TPSL	reworked	General waste						5.9	74.3					
HA2553	0.4	MGT2B	ash	General waste						6.1	79.3					
HA2553	0.4	MGT2B	ash	General waste						6.2	80.3					
HA2637	0.8	LPF		Proof Range						6.6						
HA2637	0.15	MGT2A	Clinker	Proof Range						6.8						
HA2638	0.15	LPF		Proof Range						5.6						
HA2638	0.5	LPF		Proof Range						5.8						
HA2639	0.55	LPF		Proof Range						5.8						
HA2639	0.15	MGT2A	Clinker	Proof Range						5.9						
HA2640	0.45	LPF		Proof Range						5.7						
HA2640	0.8	LPF		Proof Range						5.7						
HA2641	0.15	LPF		Proof Range						5.7						
HA2641	0.45	LPF		Proof Range						6						
HA2642	0.85	LPF		Proof Range						5.4						
HA2642	0.15	LPF		Proof Range						5.7						
HA2655	0.15	KF	Concrete	Possible Asbestos Tip						6.4						
HA2656	0.45	MGT1B	Brick	Possible Asbestos Tip						6.4						
HA2657	0.25	LPF		Possible Asbestos Tip						6.4	79.4					
HA3103	0.15	LPF		Gaps						5.8						
HA3104	0.25	MGT2C	Pulverised Fuel Ash	Gaps						6.7						
HA3105	0.3	MGT1B		Gaps						6.8	76.4					
HA3171	0.45	MGT2A	Rare clinker/ash	AST Acid							86.5					
HA3171	0.15	MGT2A	Rare Ash	AST Acid							5.8	90.9				
HS1554	0.1	MGT2A							37		63					
HS1593	0.05	MGT1B							30.9		69.1					
HS1627	0	MGT2A			10			22.2		6	77.8					
HS1628	0	MGT2A			9.7					6.8						
HS3142	0.2	MGT2B		Coal Storage	0.796					7.6	71.1					
HS3143	0.2	HSTD		Coal Storage						4.8	80.6					
HS3143	0.2	HSTD		Coal Storage						4.5	85.5					
HS3144	0.2	HSTD		Coal Storage						6.4	76.6					
HS3144	0.2	HSTD		Coal Storage						6.8	81.3					
HS3178	0.2	MGT1A		Gaps						5.9	75.6					
HS3179	0.1	MGT2B		Gaps						5.6	59.5					
HS3179	0.1	MGT2B		Gaps						5.5	62.5					
HS3180	0.2	MGT2B		Gaps						5.7	54.1					
HS3180	0.2	MGT2B		Gaps						5.7	65.1					
HS3206	0	MGT2C	grey sand/PFA ash	Ash PFA						8.1	62.9					
HS3207	0	MGT2C	grey sand/PFA ash	Ash PFA						8	60.8					
PPG BH05	3	CPF								5.8						
PPG BH05	1	MGT2A								6.8						
PPG BH05	0.2	MGT2B								7.1						
PPG BH05	10	LPF								8.2						
PPG BH10	0.7	LPF								6.5						
PPG BH10	1	LPF								6.5						
PPG BH10	0.5	LPF								6.5						
TP1026	0.3	MGT2A	brick	NG pond				20.4		5.6	79.6					
TP1026	0.5	LPF	<Null>	NG pond						6.7						
TP1026	3.9	LPF	ASAP							7.7						
TP1028	0.1	TPSL						29.7	9.7	5.2	70.3					
TP1028	3	KF	ASAP							5						
TP1028	0.5	KF								5.5						
TP1029	0.4	MGT1B								6.6						
TP1029	2.4	LPF								7						
TP1030	0.1	MGT1B								5.8						
TP1030	2	WTF								8.1						
TP1031	0.1	MGT1B		Acid AST						5.7						
TP1031	0.35	MGT1B	poss MG?	Acid AST						5.8						
TP1032	0.5	WTF								8.7						
TP1032	0.25	MGT2B	clinker							9.5						
TP1033	0.3	MGT2B	clinker					21.3		6.9	78.7					
TP1033	0.1	MGT2A								5.5						
TP1034	0.1	MGT2A								6.6						
TP1034	0.35	MGT1B								7						
TP1035	0.1	MGT1B								5.6						
TP1035	0.4	LPF								6						
TP1036	0.45	MGT1B		Road						8.4						
TP1036	1.8	WTF								8.8						
TP1037	0.3	MGT2A	brick	NG pond						6.2						
TP1037	3.5	LPF	ASAP							6.3						
TP1037	0.1	MGT2A	brick	NG pond						6.4						

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Caterific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP1038	0.3	MGT1B		MG Vegetation tip. Road				35.1		6.8	64.9	
TP1038	2	LPF								7.4		
TP1040	0.4	MGT1B								7.3		
TP1040	1.3	MGT1B								7.5		
TP1041	0.5	MGT2A						23.2		6.9	76.8	
TP1041	1	WTF								6.5		
TP1042	2.3	LPF						13.9		7.3	86.1	
TP1042	0.3	MGT2A		NG pond						6.8		
TP1043	0.1	MGT1A	coarse sand	Additional d/s of Boghall						7.5		
TP1043	0.5	MGT1A	reworked with red shale	Additional d/s of Boghall						7.9		
TP1044	0.1	MGT2A		MG Boghall				21.4	7.2	7	78.6	
TP1044	0.7	MGT2A		MG Boghall						7.1		
TP1045	0.3	KF						7.6		6.9	92.4	
TP1045	2.6	KF								5.5		
TP1047	0.5	WTF						9.9		6	90.1	
TP1047	0.1	MGT1A								5.3		
TP1048	0.5	MGT1B								6.5		
TP1048	1.2	KF								7		
TP1052	0.3	MGT2A	asb sheet bricks blaes					16.2	4.4	6.6	83.8	
TP1052	1.2	MGT2A								7.3		
TP1053	1.3	WTF						24.9	4	7.7	75.1	
TP1053	0.3	WTF								8.1		
TP1054	1.1	MGT2A								6.9		
TP1054	0.4	MGT2A	blaes brick							7		
TP1055	0.2	MGT1B	bricks concrete							6.9		
TP1055	2	LPF								6.9		
TP1141	0.2	HSTD	clinker					26.4		7.5	73.6	
TP1141	1	MGT2A								6.1		
TP1143	0.1	MGT1B								6.2		
TP1143	0.5	KF								6.5		
TP1144	0.2	MGT1B	type 1	Burning ground				8.6		6.5	91.4	
TP1144	0.4	MGT1B	type 1	Burning ground						6.8		
TP1145	0.5	LPF						20.5		8.7	79.5	
TP1145	0.2	MGT1B								8.5		
TP1146	0.25	MGT2A	charcoal					24		6.6	76	
TP1146	0.5	LPF								7		
TP1147	0.3	MGT2A	clinker	Burning ground				14.9		9.1	85.1	
TP1147	0.1	MGT2A		Burning ground						8		
TP1148	1.1	MGT1B	bitumous shiny solid porcelain					17.3		8.3	82.7	
TP1148	0.3	MGT2B	blaes							6.4		
TP1149	0.3	MGT1B		Burning ground				12.7		7.2	87.3	
TP1149	1	MGT1B		Burning ground						7.8		
TP1150	0.2	MGT1B		Burning ground						5.6		
TP1150	0.5	MGT1B		Burning ground						6.5		
TP1151	0.1	MGT2B		Burning ground				16.4		8.2	83.6	
TP1151	0.5	MGT2B	clinker	Burning ground						7.9		
TP1152	0.3	MGT1A								6.7		
TP1152	0.5	MGT1B								7		
TP1153	0.1	MGT2A	asb.	Burning ground				16.1		7.7	83.9	
TP1153	1.5	MGT3								9.9		
TP1154	0.6	MGT2A								7.7		
TP1154	0.3	MGT2A								7.9		
TP1155	1	MGT1B								8.7		
TP1155	0.1	MGT1B								9.1		
TP1156	0.1	MGT2A								6.6		
TP1156	0.3	MGT2A								6.9		
TP1157	0.2	MGT2B		Road				26.7		7.5	73.3	
TP1157	0.9	LPF		Road						7.3		
TP1158	0.45	MGT2B	blaes	NC lagoon						6.5		
TP1158	0.15	MGT1B	blaes	NC lagoon						6.8		
TP1160	0.05	TPSL								6		
TP1160	2.8	LPF								7.5		
TP1161	0.1	MGT2A		Incendiary bomb breakdown						6.3		
TP1161	0.6	LPF		Incendiary bomb breakdown						6.3		
TP1162	0.5	MGT2B								6.5		
TP1162	0.1	MGT2A								6.9		
TP1163	0.5	LPF						22.6		6.7	77.4	
TP1163	1.6	LPF								6.9		
TP1164	0.3	MGT1B								7.3		
TP1164	1.3	MGT1B								7.8		
TP1165	0.1	MGT1A		NC lagoon						6.5		
TP1165	0.6	MGT1A		NC lagoon						7.6		
TP1166	0.3	MGT1B		Ash				17.4		7.3	82.6	
TP1166	1	LPF		Ash						7.5		
TP1168	0.05	MGT1A								5.5		
TP1168	0.5	MGT2A								6.6		
TP1169	0.1	MGT2A		Incendiary bomb breakdown						8.2		
TP1169	0.6	LPF		Incendiary bomb breakdown						8.3		
TP1170	0.1	MGT1B								6.4		
TP1170	0.5	LPF								6.7		
TP1171	1.2	MGT2A								7.3		
TP1171	0.4	MGT2A		Compost						8.9		
TP1172	0.1	MGT2A								7		
TP1172	0.8	MGT2A								7.2		
TP1254	0.3	MGT2B	blaes					26.8		6.3	73.2	
TP1254	0.5	KF								8.2		
TP1259	0.3	MGT1B		Fills gap in Fil. Rail				32.5		9.3	67.5	
TP1259	0.1	MGT1A		Fills gap in Fil. Rail						9.2		
TP1260	0.15	TPSL								5.9		
TP1260	0.3	TPSL								6.1		
TP1261	0.4	TPSL	glass tile china							6.8		
TP1261	1	MGT1B								6.9		
TP1266	1	KF								6.5		
TP1266	0.3	MGT1A	brick tile blaes							6.7		
TP1267	0.25	MGT2A	ash	Rail				26.9		6.7	73.1	
TP1267	1.2	CPF								6.2		
TP1269	0.5	MGT2A	type 1 ash concrete blaes					15.6		8	84.4	
TP1269	0.2	TPSL								6.2		
TP1270	0.1	MGT2B	ash	Rail				11.7		8.7	88.3	

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples											
				11	2	6	129	17	1023	372	4				
				0.796	0.058	20	5.1	0.6	1.9	10.7	5				
				6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3				
				19	0.063	96	87.1	25	11.3	96	20				
				11	2	6	129	12	1023	372	4				
				-	-	-	-	-	-	-	-				
				-	-	-	-	-	-	-	-				
Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter			
					MJ/kg	%	%	%	%	%	%	%			
TP1270	0.3	LPF		Rail											
TP1272	2.5	LPF													
TP1272	0.5	MGT2B		Ash, Road											
TP1273	0.7	LPF													
TP1273	0.3	LPF													
TP1274	0.3	MGT1A						20							
TP1274	0.5	LPF						18.1							
TP1275	0.3	MGT2A													
TP1275	0.6	LPF													
TP1279	0.1	MGT2A		Rail				22.1							
TP1279	1	LPF		Rail											
TP1281	0.3	MGT2A													
TP1281	0.6	LPF													
TP1282	1.3	CPF													
TP1282	0.7	MGT2C		Ash	3.3										
TP1283	2.6	LPF													
TP1283	0.1	MGT2A													
TP1284	0.1	MGT2A		Rail											
TP1284	0.5	MGT2A		Rail											
TP1286	2.5	LPF	Strong hydrocarbon odour & sheen					16.6							
TP1286	0.7	MGT2A		Rail				13.7							
TP1286	1.4	LPF	Hydrocarbon odour												
TP1288	0.6	MGT2A													
TP1288	0.3	MGT2A													
TP1289	0.3	MGT1A						16.4							
TP1289	0.8	LPF						7.1							
TP1290	1.3	LPF													
TP1290	0.05	MGT1B	clinker	Rail											
TP1291	0.1	MGT2A													
TP1291	0.5	MGT2A													
TP1292	0.3	MGT2A													
TP1292	0.1	MGT2A													
TP1293	0.1	MGT1B	?asbestos	Rail											
TP1293	0.3	WTF		Rail											
TP1294	0.5	MGT2A													
TP1294	0.1	MGT2A													
TP1295	0.3	MGT2A													
TP1295	1.9	KF													
TP1296	0.2	MGT1B	brick tile charcoal					28.1							
TP1296	1.2	LPF						21.2							
TP1298	0.5	KF						13.8							
TP1298	0.1	MGT2A	brick tile charcoal glass												
TP1299	0.5	MGT1B		Rail											
TP1299	0.3	MGT1B	brick rubble	Rail											
TP1300	0.3	MGT2A													
TP1300	0.7	MGT2A													
TP1301	0.1	MGT2A	brick blaes tile ash polystyrene	Rail				33.6							
TP1301	0.5	MGT2A	blaes concrete frags	Rail				28							
TP1302	0.5	LPF													
TP1302	0.1	MGT1B	brick												
TP1304	0.2	MGT1B						29.9							
TP1304	0.4	MGT1B						14.9							
TP1305	1.2	LPF	organic odour					48.3							
TP1305	0.3	MGT1B	tile					28.9							
TP1307	0.2	MGT2B	ash brick blaes												
TP1307	1.1	LPF													
TP1310	0.3	MGT2A	charcoal tile												
TP1310	0.5	LPF													
TP1321	0.1	MGT1B	glass tile brk charc												
TP1321	0.3	MGT1B	glass tile brk charc												
TP1326	0.3	MGT2A													
TP1326	0.5	WTF													
TP1338	0.1	MGT2A	blaes tile glass charc					35.4							
TP1338	0.5	MGT2A	blaes tile glass charc					15.8							
TP1339	0.3	MGT2A						12.9							
TP1339	0.1	MGT1B													
TP1340	0.5	MGT1B													
TP1340	0.25	MGT1B													
TP1343	1	MGT1B	blaes												
TP1343	0.1	MGT1B	ash												
TP1345	0.3	MGT1A	type 1	Substation				10.8							
TP1345	0.5	MGT2A		Substation											
TP1348	0.5	LPF													
TP1348	0.3	MGT2A	ash												
TP1350	0.1	MGT2A	blaes	MG Small tip											
TP1350	0.3	MGT2A	blaes	MG Small tip											
TP1351	0.5	MGT2B	type 1 brk and blaes	Spent acid lagoon				14.4							
TP1351	2	MGT2B	type 1 brk and blaes												
TP1353	0.5	MGT2B	ash coal metal												
TP1353	0.1	MGT2B	ash coal metal												
TP1354	1	CPF		Ash				95							
TP1354	0.5	MGT2A	brick metal concrete	Ash				51.5							
TP1355	0.5	MGT1B	tarmac brick												
TP1355	0.1	MGT1B	tarmac brick												
TP1358	0.3	MGT2B	ash and coal	MG Coal	3.1			20.2							
TP1358	1	MGT2B	ash and coal	MG Coal	3.5										
TP1360	1	MGT1B	blaes	MG Coal	4.5										
TP1360	0.4	MGT1B	blaes	MG Coal	0.97										
TP1362	0.3	MGT1B		Ash				28.8							
TP1362	1.2	KF													
TP1363	0.1	MGT2A													
TP1363	0.3	MGT2A													
TP1364	0.25	MGT1B	wood	Acid Ast. Road, Big steamie				28.8							
TP1364	1.5	WTF													
TP1365	0.5	MGT2B		Kerosene AST				22.4							
TP1365	1.8	WTF						10.6							
TP1367	0.4	MGT2A	clinker					14.7							
TP1367	0.8	MGT1B													
TP1368	0.35	MGT2A						27.9							

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Caterific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP1368	1.9	LPF								6.4		
TP1369	0.3	MGT2A	clinker							6		
TP1369	0.7	MGT2A								6.3		
TP1370	0.1	MGT2A	asbestos							6.5		
TP1370	0.6	MGT2A	asbestos							6.7		
TP1372	0.1	MGT2A	clinker							6.4		
TP1372	0.25	MGT2A	clinker							6.5		
TP1373	0.1	MGT2A								6.4		
TP1373	0.5	MGT2B								6.5		
TP1374	0.1	MGT2A		Tetryl lagoon						6.6		
TP1374	0.8	WTF		Tetryl lagoon						6.7		
TP1376	0.1	MGT2B						21.8		6.5	78.2	
TP1376	0.35	MGT2B	clinker					18.3	3.9	6.6	81.7	
TP1377	0.9	MGT1B	olly residue							6.3		
TP1377	0.3	MGT2A	clinker							6.6		
TP1378	0.4	MGT1B								6.4		
TP1378	0.1	MGT1B								6.6		
TP1379	0.1	MGT2A	clinker							6.4		
TP1379	0.7	MGT2A	clinker					25.3		6.6	74.7	
TP1380	0.1	MGT2A	clinker							6.6		
TP1380	0.6	LPF								6.5		
TP1381	0.7	MGT2C		Ash. Road						6.2		
TP1381	1.3	CPF								7.7		
TP1382	0.1	MGT2A						24.8		6.5	75.2	
TP1382	0.5	LPF								6.7		
TP1383	0.4	MGT1B		Road				25.3		6.7	74.7	
TP1383	1.1	LPF								6.8		
TP1384	0.1	MGT1B								5.5		
TP1384	0.4	LPF								6.2		
TP1386	0.3	MGT2A								6.6		
TP1386	1.1	WTF								6.6		
TP1387	1.2	CPF								7.2		
TP1387	0.3	MGT2B		Ash						8.9		
TP1390	0.1	MGT2A	clinker	MG Disturbed ground						6.2		
TP1390	0.5	MGT1B		MG Disturbed ground						6.3		
TP1391	0.4	MGT1B								5.6		
TP1391	0.1	MGT2A	asbestos							6.3		
TP1392	0.3	MGT1B						12.8		5.5	87.2	
TP1392	0.7	MGT1B								5.6		
TP1393	0.7	LPF						27		5.4	73	
TP1393	0.1	MGT1B								18.2	6.2	81.8
TP1394	0.1	MGT2B		Rail				22.4		6.2	77.6	
TP1394	1.2	MGT2B								6.2		
TP1396	0.3	LPF								5		
TP1396	1.2	KF								5.4		
TP1398	0.5	MGT2A		reel drying						6.9		
TP1398	0.1	MGT2A		reel drying						8.2		
TP1400	0.3	MGT2A		Rail				11.3	1.3	8.2	88.7	
TP1400	0.1	MGT2A		Rail						7.7		
TP1402	0.1	KF								5.2		
TP1402	0.3	KF								5.3		
TP1404	0.1	MGT2A		Burning ground				15.9		6.7	84.1	
TP1404	0.6	KF		Burning ground						6.9		
TP1405	0.1	MGT2B		Burning ground				24.5		6.3	75.5	
TP1405	0.3	MGT2A		Burning ground						7.9		
TP1406	0.5	MGT2A	clinker	Burning ground				22.6		7.1	77.4	
TP1406	1	LPF		Burning ground						6.8		
TP1407	1.9	KF						29.6		8	70.4	
TP1407	0.3	MGT1B	brick							8.2		
TP1408	0.5	LPF								6.4		
TP1408	0.2	MGT1A	glass							6.7		
TP1409	0.1	MGT1B		Burning ground. Road				8		7.6	92	
TP1409	0.55	LPF		Burning ground. Road						7.5		
TP1410	0.1	MGT2A		Burning ground				26.2		7.3	73.8	
TP1410	0.6	MGT2A	pockets white clinker	Burning ground						7.2		
TP1411	0.1	MGT2A	clinker	Burning ground				25.8		7.1	74.2	
TP1411	0.5	MGT1A		Burning ground						7.3		
TP1413	2.6	LPF						23.8		8.5	76.2	
TP1413	0.6	MGT1A	HC odour	Burning ground				22.2		7.3	77.8	
TP1414	0.3	MGT1A	tile					26.2	12	5.8	73.8	
TP1414	1.1	LPF								6.8		
TP1415	0.2	MGT2A	clinker	Burning ground				36.1		8.2	63.9	
TP1415	0.5	LPF		Burning ground						8.5		
TP1416	0.05	MGT2B		Burning ground				16.8		8.4	83.2	
TP1416	0.3	MGT2B		Burning ground						9		
TP1417	0.3	MGT2B	ash	MG Disturbed ground						5.7		
TP1417	1.2	KF								5.7		
TP1418	1	MGT2A	clinker	Burning ground				31.1		6.8	68.9	
TP1418	0.1	MGT2B		Burning ground						8.4		
TP1419	0.3	MGT2B		Burning ground				15.7		6.7	84.3	
TP1419	1	LPF		Burning ground						6.8		
TP1420	0.3	MGT2B		Burning ground				21.9		7	78.1	
TP1420	1.9	LPF								6.3		
TP1421	0.1	MGT1A						15.8		6.4	84.2	
TP1421	0.5	MGT1B								7		
TP1422	1.2	LPF	strong HC odour					33.8		8.1	66.2	
TP1422	1.8	LPF						20.6		6.1	79.4	
TP1422	0.2	MGT2B	ash	MG Disturbed ground						5.3		
TP1423	0.5	LPF	visible and strong odour HC	Road				38.7		5.5	61.3	
TP1423	0.1	MGT2B	ash	Road				27.1		6.2	72.9	
TP1423	3.2	LPF						26.3		7	73.7	
TP1424	0.4	LPF								6.2		
TP1424	0.1	MGT1A								6.4		
TP1425	0.4	MGT1A	concrete							6.1		
TP1425	1.2	MGT2A	brick							6.7		
TP1426	0.3	MGT2B	ash	Ash				18.1		10.2	81.9	
TP1426	1.2	LPF								7.6		
TP1427	0.5	LPF		MG General waste						6.8		
TP1427	0.2	MGT1A	charcoal	MG General waste						7.1		

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Celestic value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP1428	0.5	MGT2B	clinker	Ash								6.5
TP1428	1.1	LPF										7.3
TP1431	0.3	LPF		General storage								5.1
TP1431	0.1	MGT2A	clinker	General storage								5.9
TP1432	0.5	LPF		MG Coal. Drum store				27.9				5.9 72.1
TP1432	1	LPF		MG Coal. Drum store								5.3
TP1433	0.2	MGT2B	ash	Rail								5.6
TP1433	1.2	MGT1A										5.6
TP1434	0.5	MGT1A		General storage								6.5
TP1434	0.1	MGT1A		General storage								6.8
TP1435	0.2	MGT2B	ash					17.9				7.2 82.1
TP1435	1.8	KF										7.3
TP1436	0.5	CPF										4.9
TP1436	0.25	MGT1A										5.1
TP1437	1.6	CPF						46.7				7 53.3
TP1437	1	MGT2A		Ash				30.7				9 69.3
TP1437	0.2	MGT2A		Ash	>500							7.2
TP1438	1.2	CPF										5.5
TP1438	0.4	MGT2B	blaes	Ash								5.9
TP1439	1.6	CPF						54.3				6.1 45.7
TP1439	0.5	MGT2A		Ash				29.6				6.9 70.4
TP1466	0.5	MGT2B	ash									7
TP1466	1	MGT1A										7.4
TP1467	0.1	MGT1A										5.7
TP1467	0.3	MGT1A										6.4
TP1469	0.5	MGT1A	brick									7.2
TP1469	0.3	MGT1A	brick									7.8
TP1470	0.5	CPF		Road				89	83.8	>25		6.7 16.2
TP1470	0.3	TPSL		Road								6.8
TP1472	0.4	MGT1A										7.2
TP1472	0.15	TPSL										7.4
TP1484	0.1	MGT1A						20.2				6.3 79.8
TP1484	0.5	MGT1A										6.2
TP1486	0.3	MGT2A										6.8
TP1486	0.7	WTF										6.8
TP1490	0.5	MGT1A										7.1
TP1490	2	KF										8.2
TP1491	3	WTF										7.5
TP1491	0.1	MGT1A										8
TP1492	0.1	TPSL						24.3				6 75.7
TP1492	0.4	MGT2A										6.2
TP1494	1.8	MGT1A										7
TP1494	0.5	MGT1A	rubble									7.6
TP1496	0.1	MGT1A										7.2
TP1496	0.3	MGT1A										8.2
TP1497	0.25	MGT1A						5.1				7.5 94.9
TP1497	0.5	KF										7.6
TP1498	0.3	MGT2B	ash					55.2	16			7.5 44.8
TP1498	1.1	KF										7.1
TP1502	1	MGT2B	tip?	MG Netherfield Tip 2								6.5
TP1502	0.3	MGT2B	tip?	MG Netherfield Tip 2								6.9
TP1503	1.4	LPF										6.2
TP1503	0.7	MGT2B		MG Netherfield Tip 2								7.6
TP1506	2.5	LPF						21				7.3 79
TP1506	0.3	MGT2A		Fuel AST				11.1				6.4 88.9
TP16/007	2	MGT1A										7
TP16/007	4	MGT1A										7.1
TP1625	0.7	LPF		Coal store								5.2
TP1625	0.1	MGT2A		Coal store	19							6.8
TP1626	0.1	MGT1A		Netherfield tip 1								5.8
TP1626	0.5	LPF		Netherfield tip 1								6.4
TP1629	0.8	MGT1B		MG Netherfield Tip 2				41.1				7.4 58.9
TP1629	0.3	MGT1B		MG Netherfield Tip 2				28.5				7.8 71.5
TP2047	0.5	WTF										93
TP2047	0.3	MGT3	brick									10.7
TP2048	0.4	WTF										7
TP2049	0.5	WTF										6.4
TP2050	0.5	WTF	Samples taken from side of pit									8.6 82.4
TP2051	0.3	MGT3	brick									10
TP2053	0.3	MGT1A										6.9 72.1
TP2053	1	MGT1A	old iron pipe									79.6
TP2053	1	MGT1A	old iron pipe									80.7
TP2054	0.5	MGT1B	Fragments of brick / bitumen									6.3 86.5
TP2054	0.3	MGT1A										5.9
TP2055	0.3	MGT1A	Basalt/Granite gravel									6.6 77.9
TP2056	1.5	MGT1A	slight hydrocarbon smell									89.1
TP2057	1	MGT1A	Brick / concrete									8.3
TP2075	0.3	MGT2A	ash									7.9 83.4
TP2076	0.1	MGT2B	ash									7.2 74.6
TP2077	0.1	MGT1A										5.9 81
TP2078	0.3	MGT1A	brick									5.7 70.9
TP2079	0.1	MGT2A	ash									6.3 72.6
TP2079A	0.1	TPSL										5.6 67.8
TP2080	0.1	MGT2A	ash									8.2 75.7
TP2081	0.3	MGT1A	concrete									8.5 82.5
TP2087	0.5	LPF										8.5 88.1
TP2090	0.3	MGT2A	ash									6.7 68.1
TP2239	0.4	MGT1A										78.3
TP2240	0.1	MGT1A	brick									7.4
TP2241	0.5	LPF	rootlets									79.8
TP2248	0.3	MGT1B	Reworked									7.9 78.3
TP2255	0.4	MGT1B										8 80.7
TP2257	0.8	MGT2A										6.3 76.2
TP2258	0.9	LPF										6.5 78.6
TP2366	0.3	MGT2B	Brick / bitumen fragments									6.8
TP2366	1.1	HSTD	Brick / bitumen fragments									7.1
TP2367	0.1	MGT3	Surfacing									6.6
TP2367	0.4	LPF										7.2

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	11	2	6	129	17	1023	372	4
Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
Max	19	0.063	96	87.1	25	11.3	96	20
No. detected	11	2	6	129	12	1023	372	4
Assess Criteria	-	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Cationic value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP2368	0.3	LPF										
TP2368	0.1	MGT2A	ash							5.8		
TP2368	0.1	MGT2A	ash							5.9		
TP2369	0.5	MGT2B	ash								70.9	
TP2370	0.6	MGT2A	blaze							7.8		
TP2371	0.5	MGT2A	Brick								75.9	
TP2372	0.1	MGT2B	ash							6.8		
TP2372	0.1	MGT2B	backfill?							6.8		
TP2372	2	LPF								8.6		
TP2373	0.1	MGT1A									57.9	
TP2373	0.3	MGT2B									77.7	
TP2374	0.1	MGT2A									75.1	
TP2374	1.3	LPF									77.5	
TP2375	0.1	TPSL									64.4	
TP2375	0.5	KF									81.6	
TP2376	0.3	MGT2B									69.2	
TP2376	1.2	LPF									79.2	
TP2377	1	MGT1B	potential asbestos							7.3		
TP2377	0.6	MGT1B	Fibrous asbestos in sample							8		
TP2378	0.1	MGT2B	Ash							6		
TP2378	0.5	MGT2B	Ash							8.4		
TP2381	0.3	MGT2B	ash							8.1	82.9	
TP2382	0.3	MGT2A	ash							7.2	71.2	
TP2382	0.5	MGT1A									78	
TP2392	0.3	MGT2A	ash							7.4		
TP2393	1	MGT1A	brick								73.6	
TP2393	1	MGT1A	brick								77.1	
TP2396	0.6	MGT1A	organic odour								73.8	
TP2396	0.2	MGT1A	organic odour							6.8	75.1	
TP2397	0.4	MGT1B	ash								78.7	
TP2398	0.5	MGT2A	Blaes							7		
TP2398	0.1	MGT2A	blaes							7.1		
TP2399	0.2	MGT2A	ash							6.7		
TP2399	0.4	MGT2A	ash							7		
TP24/207	2	MGT1A								6.8		
TP24/207	4	MGT1A								7		
TP24/207	6	MGT1A								7.2		
TP24/312	1	MGT1A								6.1		
TP24/312	5	MGT1A								7.1		
TP2400	0.1	MGT2A	Poss. Cordite							7.7	57.8	
TP2400	0.5	MGT2A	brick								76.4	
TP2401	0.5	MGT2A								7.3	81.4	
TP2405	0.3	MGT1B	brick								57.3	
TP2425	1	MGT2A	blaes							8.4	92.6	
TP2425	1	MGT2A	blaes							8.5	92.8	
TP2428	1.5	WTF								8.4		
TP2442	0.5	MGT1B	brick							8.3	81.1	
TP2444	0.2	MGT1A	glass								87.5	
TP2445	0.5	MGT2B	half bricks								90.2	
TP2446	0.5	MGT2B	ash							7.9		
TP2447	2	MGT2A	pocket of ash								69.6	
TP2447	0.5	MGT2B	ash								74.7	
TP2451	0.5	MGT2A	clinker								89.3	
TP2452	0.1	MGT2A	clinker								8.6	
TP2453	0.5	MGT2A	tarmac								90.6	
TP2454	0.5	MGT2A	oily sheen on water from drain								86.6	
TP2474	0.1	MGT2A	coal		7.51						82	
TP2474	0.5	MGT2A	brick								85.8	
TP2475	0.5	MGT2A	clinker								70.8	
TP2475	0.8	LPF									79.7	
TP2476	0.1	MGT1A	reworked								68.2	
TP2476	0.6	MGT1A	brick								74.1	
TP2480	0.2	MGT2B	ash / asbestos							6.9	82.3	
TP2480	0.5	MGT2B	ash / asbestos								83.3	
TP2481	0.2	TPSL								7	42.3	
TP2481	0.5	CPF								6.4		
TP2482	0.5	KF								6.1	83.2	
TP2483	1	MGT1A	timber metal brick ceramics wire							7.1	83.6	
TP2486	0.2	MGT1A								6.5	77.5	
TP2486	0.5	MGT1A								8		
TP2487	0.5	WTF								6	64.3	
TP2487	1	WTF								7.5		
TP2488	1	WTF								6.1	87.7	
TP2488	0.2	TPSL								4.9		
TP2490	0.5	WTF								8.5	89.7	
TP2490	0.2	MGT1A	rare bonded asbestos							8		
TP2491	0.2	HSTD	Bonded asbestos							8.9	80.7	
TP2491	1	HSTD	Bonded asbestos							9.5		
TP2498	0.2	MGT1A	roof felt ASBESTOS								76.9	
TP2499	0.5	MGT2A	ash							7.6		
TP2500	0.5	MGT1A									85.6	
TP2515	0.2	MGT1B	ammunition packing boxes							7.1	66.8	
TP2515	0.5	MGT2A	ammunition packing boxes								6.1	
TP2519	0.2	MGT1A	brick and conc frags							6.3	67.5	
TP2519	0.5	MGT1A								6.2		
TP2520	1.2	MGT2A	conc frags								74.7	
TP2520	0.6	MGT2A	Black stained clay								76.8	
TP2521	0.2	MGT2A	brick frags								82.2	
TP2521	0.8	WTF									83.2	
TP2522	1.1	MGT1A	brick frags								78.7	
TP2522	0.4	MGT2B	ash								78.9	
TP2523	0.2	MGT2B	ash								79.2	
TP2523	1	WTF									87.4	
TP2524	0.3	MGT2A	ash								73.2	
TP2524	0.7	MGT1A	brick and conc								76.9	
TP2525	0.5	MGT1B	brick and conc								76.4	
TP2525	0.1	MGT3									87.9	
TP2526	0.4	MGT1B	brick and conc								74.3	
TP2526	0.2	MGT2A	ash								75.5	

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

				No. of Samples	11	2	6	129	17	1023	372	4
				Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
				Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
				Max	19	0.063	96	87.1	25	11.3	96	20
				No. detected	11	2	6	129	12	1023	372	4
				Assess Criteria	-	-	-	-	-	-	-	-
				No. Exceeding	-	-	-	-	-	-	-	-
Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP2527	0.2	MGT1A	brick and conc									73
TP2527	0.5	MGT1B	brick and conc									78.1
TP2542	0.5	MGT1B	brick									69.9
TP2542	0.5	MGT1B	brick								5.9	
TP2543	0.3	MGT2A	appears reworked									79.7
TP2543	0.3	MGT2A	appears reworked								5.9	
TP2544	0.1	MGT2A	Clinker								6.1	
TP2546	0.1	MGT1B	Concrete								8.7	
TP2546	0.5	MGT2A	Charcoal								8.7	
TP2547	0.1	MGT2A	Ashy								5.2	75.3
TP2549	0.1	MGT2A	Brick								5.9	
TP2549	0.6	MGT1B									6.5	
TP2550	0.5	LPF									6.4	80.8
TP2551	0.3	MGT1B	Old topsoil								5.6	
TP2552	0.5	MGT1A	Old topsoil								6	72.8
TP2554	0.5	MGT2A	Clinker								6.1	74
TP2555	0.5	MGT2B	Ashy								7.2	
TP2555	0.1	MGT1B	Concrete								9	
TP2556	0.5	MGT1A	Charcoal								6	70.4
TP2556	0.1	MGT1B	Brick								6	72.4
TP2557	0.5	MGT1B									7.4	72.7
TP2558	0.7	LPF									7.5	
TP2558	0.1	MGT2A	Scrap metal								7.7	
TP2559	0.3	MGT1A	Old topsoil								6.4	74.6
TP2560	0.3	MGT2B	ash									96
TP2560	0.3	MGT2B	ash								8.4	
TP2561	0.5	WTF									6.3	78
TP2562	0.1	MGT2A	Scrap metal								6.5	70
TP2563	0.6	LPF									5.7	46.7
TP2564	0.1	MGT1A									5.3	64.8
TP2565	0.1	MGT1B	glass/ ceramic								5.5	62.6
TP2566	0.2	MGT2B	ash								6.1	75.6
TP2567	0.3	MGT2A	clinker								6	70.3
TP2567	1.2	MGT2A	possible contamination: land drain at 1.3 m deposited oily water in pit									81
TP2568	1	LPF									7	80.3
TP2569	0.3	MGT1A	Reworked								5.7	78.7
TP2570	0.2	MGT1B	brick								7.2	72.3
TP2571	0.5	LPF									6.3	68.5
TP2572	0.2	KF									5.8	88
TP2573	0.1	KF									5.9	82.5
TP2574	0.2	MGT1B	ash								7.5	69.1
TP2575	0.2	MGT2B	ash								6.6	83.6
TP2576	0.5	MGT1A	Old topsoil									68.2
TP2576	1.9	LPF										75.5
TP2576	1.1	MGT1A	Slight HC odour									78.4
TP2577	0.6	MGT1A	Old topsoil									68.6
TP2577	1.1	MGT1A										76.8
TP2578	0.7	MGT1B	Old topsoil									67.9
TP2578	0.1	MGT2A	Brick									90.2
TP2579	0.1	MGT2A	Brick									73.2
TP2579	0.5	MGT2A	Brick									73.4
TP2580	1	LPF										17.5
TP2580	0.2	MGT1B	brick									73.9
TP2581	0.6	MGT1B	organic matter									69.4
TP2581	0.1	MGT1B	brick									81.1
TP2582	1.1	LPF										77.6
TP2582	0.1	MGT2A	clinker									90.7
TP2654	0.5	CPF	clinker									10.7
TP2654	0.1	MGT2B	clinker								5.1	74.7
TP2687	0.3	MGT1A									6.2	
TP2699	0.1	MGT2B	ash									68.4
TP2699	0.1	MGT2B	ash									69.9
TP2700	0.35	MGT1A	HC odour									78.9
TP2700	0.35	MGT1A	HC odour									79.3
TP2715	0.1	MGT2A									6.1	72
TP2715	0.5	LPF									6.6	76.5
TP2716	0.1	MGT2A	ash								6.1	65.7
TP2717	0.5	LPF									6.7	79.7
TP2718	0.5	MGT2A	ash/clinker								7	68.6
TP2718	1.8	MGT2B	ash/clinker								6.6	95.3
TP2719	0.3	MGT2B	ash								6.8	79.1
TP2720	0.1	MGT2B	ash/clinker								7.9	81.8
TP2721	0.3	MGT2A	Ash								7	79
TP2722	0.5	MGT1A	bricks								7	79.5
TP2723	0.1	MGT2A	Ash								4.4	72.2
TP2724	0.5	MGT1A									4.3	69.9
TP28/208	4	MGT1A									5.6	5.5
TP28/208	3	MGT1A									6.9	
TP3106	0.4	MGT2A	ash								7.1	
TP3106	0.4	MGT2A	ash								7.1	
TP3107	0.1	MGT1A	ash								3.7	70.1
TP3107	0.1	MGT1A	ash								3.6	70.8
TP3108	0.35	MGT1A	ash								4.9	76.3
TP3108	0.35	MGT1A	ash								4.9	76.4
TP3108	1.6	MGT1A									7	78.6
TP3109	0.1	LPF									5.3	
TP3110	0.3	MGT2A									6.1	75.9
TP3111	1.1	MGT1A	Old tip: Brick									9.9 85.3
TP3112	0.1	MGT2A	Pockets of black ashy sand & gravel								5.5	74.6
TP3120	0.1	TPSL	red tile								5.9	
TP3121	1	LPF	duplicate									83.7
TP3121	1	LPF										88.4
TP3121	0.1	MGT1A	red tile								6.6	
TP3122	0.1	MGT1A	brick								5.3	67.9
TP3122	0.5	LPF										83.2
TP3122	0.5	LPF										85.2
TP3123	0.5	MGT2A	ash								7.9	75.8
TP3123	0.5	MGT2A	ash								8	76.2

Table 15.3
ROS pH, solids & other

Detection limit above GSAC
Exceeds GSAC
Detected Above Reporting Limit (No GSAC)

No. of Samples	11	2	6	129	17	1023	372	4
Min	0.796	0.058	20	5.1	0.6	1.9	10.7	5
Mean	6.2	0.1	70.0	25.8	11.8	6.7	74.3	10.3
Max	19	0.063	96	87.1	25	11.3	96	20
No. detected	11	2	6	129	12	1023	372	4
Assess Criteria	-	-	-	-	-	-	-	-
No. Exceeding	-	-	-	-	-	-	-	-

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value	Fraction of Organic Carbon	Loss on Ignition	Moisture Content	Organic matter	pH	Solids	Total Organic Matter
					MJ/kg	%	%	%	%	%	%	%
TP3124	0.1	MGT1A								6.1	62.6	
TP3145	0.3	MGT1B	ash							5.9	76.8	
TP3145	0.3	MGT1B	ash							5.8	77.9	
TP3146	0.6	MGT2B	ash							7.3	69.6	
TP3146	0.6	MGT2B	ash							7.4	73.5	
TP3164	1.1	LPF	strong HC odour								66.4	
TP3164	0.3	MGT2B	slight HC odour								72.4	
TP3164	1.1	LPF									74.2	
TP3165	0.6	MGT3	red brick								71.4	
TP3165	0.6	MGT3	red brick								72.1	
TP3165	0.1	MGT2B	ash								74.7	
TP3172	0.3	MGT2B	ash							8	67.4	
TP3172	0.3	MGT2B	ash							8.1	72	
TP3173	0.15	MGT1A	RWN							6.6		
TP3174	0.9	WTF	RWN							8.6		
TP3175	1.5	MGT1B	RWN							5.7		
TP3176	0.4	MGT2A	blaes							6.5	75.2	
TP3176	0.4	MGT2A	blaes							6.5	75.9	
TP3177	0.9	MGT1A	RWN							6.7		
TP3184	0.1	MGT1A	tile							5.4		
TP3184	0.1	MGT1A	tile							5.5		
TP3199	0.1	MGT2B	ash		5.386					6.6	71.2	
TP3200	0.3	MGT2B	ash							7.4	67.1	
TP3200	0.3	MGT2B	ash							7.7	68.1	
TP3201	0.3	MGT1A	PFA							6.8	71.9	
TP3201	0.3	MGT1A	PFA							6.9	75.4	
TP3202	0.6	MGT2A	pockets of PFA							7.3	75.7	
TP3202	0.6	MGT2A	pockets of PFA							7.4	77	
TP35/001	4	MGT1A								6.2		
TP35/001	2	MGT1A								6.7		
TP43/302	1	MGT1A								5.9		
TP43/302	3	MGT1A								6.4		
TP43/311	4	MGT1A								5.6		
TP43/311	2	MGT1A								6.1		

Table 15.4
RL - pH, solids & other

 Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
BH1258	0.1	MGT1A		Fills gap in FII. Rail			38.7		7.9	61.3	
BH1258	0.5	MGT2A		Fills gap in FII. Rail					8.5		
BH1258	1.5	LPF							7.6		
BH1258	4.5	LPF							8.3		
BH1271	0.1	MGT1A		Fills gap in FII. Rail			23.3		9.3	76.7	
BH1271	0.3	MGT2B	brick	Fills gap in FII. Rail					9.5		
BH1271	3	WTF							8.1		
BH1271	7.5	WTF							8.9		
BH1505	0.1	LPF	ash	Burning ground					7		
BH1505	0.3	LPF		Burning ground					7		
BH1505	1.5	LPF	odour				20.6		6.7	79.4	
BH1505	3	LPF	odour				21.9		7.9	78.1	
BH2350	0.3	MGT1A	RWN	ETF shallow compliance					5.8		
BH2352	0.1	TPSL		ROS GW					5.4		
BH2355	0.3	CPF		ETF shallow compliance					5.8	52.4	
BH2648	1	MGT2A	ash	Picrite					7.3		
BH2651	1	MGT1A	blaes	Picrite					6.6	77.4	
BH2652	0.1	MGT2B	ash	Picrite Deep GW					6.4	81.9	
BH2652	1.2	MGT2B	ash	Picrite Deep GW					6.5	72.6	
BH2672	0.3	MGT2A	ash	ETF GW					6.5	77.9	
BH2673	0.1	MGT2A	ash	ETF GW					7.6		
BH2674	0.1	MGT2B	blaes	ETF shallow compliance					7.8	72.8	
BH2675	0.3	MGT2B	ash	ETF GW					8.7		
BH2676	0.3	MGT2B	ash	Ash					7.8	84.2	
BH2677	0.5	MGT2A	clinker	Ash					7	71.2	
BH2678	0.3	MGT2B	PFA	Ash					6	73.8	
BH2679	1.5	MGT2A	ash	Picrite Refuse Coup					7.2	67.1	
BH2680	1	MGT2B	ash	Intermediate hydro					6.4	79.4	
BH2682	0.1	MGT2B	PFA	Deep GW					6.3	76	
BH3084	1.5	MGT2A	PFA	ETF Shallow Compliance					7.6	76.9	
BH3085	0.5	MGT1A	blaes	Picrite					7.7	70	
ERA B01	0.2	MGT2A							6		24
ERA B02	0.2	MGT2B							5.6		2
ERA B03	0.2	MGT2B							6.2		24
ERA B04	0.2	TPSL		Romney huts					6.1		23
ERA B05	0.2	TPSL							5		5
ERA B06	0.2	MGT1B		Burning ground					7.9		10
ERA B07	0.2	TPSL							4.5		23
ERA B08	0.2	MGT1B							5.4		21
ERA B09	0.2	MGT2B							5.8		2
ERA B10	0.2	TPSL							5.6		3
ERA B11	0.2	MGT1B							6.6		6
ERA B12	0.2	TPSL							7		1
ERA B13	0.2	TPSL							5.2		4
ERA B14	0.2	TPSL		Test area					6.1		13
ERA B15	0.2	MGT1B							5.5		20
ERA B16	0.2	MGT1B							6		24
ERA B17	0.2	MGT1B							5.4		1
ERA B18	0.2	TPSL							4.6		3
ERA B19	0.2	TPSL							5.3		
GT PH01	0.3	MGT2A							5.6		
GT PH01	1.4	LPF							7.3		
GT PH02	0.4	TPSL							5.2		

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
GT PH03	0.4	MGT2A							5.8		
GT PH04	0.4	LPF							5.6		
GT PH05	0.2	MGT2A							5.7		
GT PH06	0.3	MGT2A							5.3		
GT PH06	1.4	LPF							6.4		
GT PH07	0.2	MGT2A	ashy						5.4		
GT PH08	0.3	MGT2A							5.7		
GT PH09	0.4	LPF							5.3		
GT PH11	0.3	LPF		NG contam soil					5.7		
GT PH13	0.3	MGT2A							5.7		
GT PH13	0.6	LPF							6.4		
GT PH15	0.4	LPF							5.5		
GT PH17	0.2	MGT2A							5.6		
GT PH19	0.4	MGT2B	clinker coal						5.8		
GT PH19	1	LPF	under ash						6.5		
GT PH20	0.4	MGT2B	coal						7.1		
GT PH20	1.2	LPF							7.3		
GT PH22	0.6	LPF							6		
GT PH24	0.3	MGT2A	coal						5		
GT PH26	0.5	MGT2A	little clinker						5.2		
GT PH27	1	LPF							4.9		
GT PH30	0.5	MGT1A							5.1		
GT PH31	0.5	MGT1B	little pottery						4.9		
GT PH32	0.5	MGT2A	little clinker						5.4		
GT TP100	0.3	MGT2B	bricks and concrete						8.7		
GT TP100	0.6	MGT2B	bricks and concrete						8.5		
GT TP100	0.9	MGT2B							7.2		
GT TP101	0.4	MGT2A							5.6		
GT TP102	0.2	MGT2A	little clinker						5.4		
GT TP103	0.2	MGT2A	little clinker						6		
GT TP103	0.4	CPF							5.3		
GT TP104	0.4	MGT1A							5.1		
GT TP105	0.2	MGT2B		Ash					4.9		
GT TP105	0.8	MGT2A		Ash					7.6		
GT TP105	1.5	CPF	under ash						5.8		
GT TP107	0.3	MGT2A	little clinker						5.6		
GT TP108	0.2	MGT2A							6		
GT TP109	0.1	MGT2A	little clinker						6.9		
GT TP109	0.4	MGT2A		Ash					8.7		
GT TP109	1.8	MGT2A	under ash						6.1		
GT TP111	0.1	MGT2A							6.2		
GT TP111	1.2	MGT2A							5.8		
GT TP111	1.4	MGT2A	under ash						5.9		
GT TP112	0.2	MGT2A	little clinker						6		
GT TP113	0.2	MGT2A	little clinker						5.5		
GT TP114	0.2	MGT2A	clinker						6.6		
GT TP114	0.9	MGT2A		Ash					7.5		
GT TP114	1.7	MGT1A	under ash						5.7		
GT TP115	0.1	MGT2A	little clinker						6.4		
GT TP116	0.1	MGT2A	little clinker						7.6		
GT TP116	1.2	MGT1A	under ash						5.2		
GT TP117	0.2	MGT2A	little clinker						5.5		
GT TP118	0.3	MGT2A	brick blaes						6		

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
GT TP119	0.3	MGT2A		Ash					7.7		
GT TP119	0.9	MGT2B		Ash					5.2		
GT TP120	0.2	MGT2A	coal & brick						7		
GT TP120	0.6	MGT2B							7.2		
GT TP120	1.1	MGT2A	little clinker						6.7		
GT TP121	0.2	TPSL							5.5		
GT TP122	0.1	MGT2A		Ash					5.8		
GT TP122	0.3	MGT2A	little clinker	Ash					6.1		
GT TP122	1	MGT2A	little clinker	Ash					6.3		
GT TP124	0.1	MGT2A		Ash					7.2		
GT TP124	0.3	MGT2A		Ash					8.8		
GT TP124	1.4	MGT2A							9.1		
GT TP124	1.9	MGT1A							6.8		
GT TP125	0.2	MGT2A	little clinker						5.4		
GT TP126	0.2	MGT2A	little clinker						5.8		
GT TP127	0.3	MGT2A		Ash					6.9		
GT TP127	0.6	MGT2A		Ash					5.9		
GT TP128	0.5	MGT2A	clinker blaes						6.3		
GT TP129	0.1	MGT2A							5.5		
GT TP129	0.5	MGT2B							5.9		
GT TP129	1.1	MGT1A							5.7		
GT TP129	1.5	LPF							5.2		
GT TP130	0.1	MGT2A		Ash					6.9		
GT TP130	0.6	MGT2A		Ash					8.6		
GT TP130	1.4	MGT2A	below ash						6.3		
GT TP131	0.2	MGT2B	brick pottery blaes						6.4		
GT TP131	0.8	MGT2A	below ash						6		
GT TP132	0.2	MGT2A	clinker blaes brick	Ash					7.8		
GT TP132	0.3	MGT2A	clinker blaes brick	Ash					7.5		
GT TP132	0.5	MGT2A	concrete brick	Ash					7.3		
GT TP133	0.2	MGT2A	little clinker						5.8		
GT TP133	0.3	MGT2B	white oxides						6.4		
GT TP134	0.2	MGT2A	little clinker						6.2		
GT TP135	0.2	MGT2A		Ash					5.6		
GT TP135	0.3	MGT2A		Ash					5.4		
GT TP135	0.6	MGT2A		Ash					5.9		
GT TP136	0.2	MGT2A		Ash					6.3		
GT TP136	0.4	MGT2A		Ash					7.1		
GT TP136	0.6	MGT2B		Ash					7.1		
GT TP136	1	MGT2B		Ash					6.8		
GT TP136	1.6	MGT2A	little clinker						6.3		
GT TP137	0.4	MGT2A							5.6		
GT TP138	0.4	MGT1A							6.2		
GT TP139	0.2	MGT2A		Ash					7.9		
GT TP139	0.8	MGT2B		Ash					8		
GT TP139	1.9	MGT2A	under ash						5.9		
GT TP139	2.3	LPF	under ash						6.3		
GT TP140	0.2	MGT2B							7.9		
GT TP140	0.7	MGT2B	clinker brick						8.3		
GT TP141	0.2	MGT2A		Ash					7.4		
GT TP141	1.2	MGT2A	clinker						6.2		
GT TP142	0.3	MGT2A	little clinker						5.5		
GT TP143	0.3	MGT2A							4.7		

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
GT TP144	0.4	MGT2A		Ash					7		
GT TP144	1	MGT2B		Ash					5.8		
GT TP144	2	MGT2A	clinker brick						6.2		
GT TP146	0.2	MGT2A	little clinker						6.1		
GT TP147	0.1	MGT2B	coal slate	Test area					6.5		
GT TP147	0.4	MGT2B		Test area					5.7		
GT TP147	0.8	TPSL		Test area					6.1		
GT TP148	0.2	MGT2B	clinker coal	Test area					7.2		
GT TP148	0.8	MGT2A		Test area					7		
GT TP148	1.4	LPF							7.2		
GT TP149	0.2	MGT2B		Ash					7.1		
GT TP149	1.4	TPSL							6.4		
GT TP150	0.1	MGT1A							5.1		
GT TP151	0.1	MGT2A	clinker	Ash					6.7		
GT TP151	0.5	MGT2A		Ash					7.8		
GT TP152	0.2	MGT1A							5.8		
GT TP153	0.3	MGT1A							4.5		
GT TP154	0.3	MGT2A	white oxide little clinker						5		
GT TP154	0.7	MGT2A							6.1		
GT TP156	0.2	MGT2A	little clinker						5.7		
GT TP156	0.4	MGT2A	little clinker						6.7		
GT TP157	0.2	MGT2A	little clinker						5.4		
GT TP160	0.1	MGT1A							5		
GT TP161	0.1	MGT2A							4.7		
GT TP162	0.2	MGT2B	clinker brick glass						6.1		
GT TP163	0.3	MGT2A	clinker brick pottery						6		
GT TP163	0.5	LPF							4.6		
GT TP164	0.3	MGT2A	little clinker	Romney huts					6		
GT TP165	0.2	MGT2A	clinker	Ash					6.2		
GT TP165	0.6	TPSL		Ash					6		
GT TP167	0.2	MGT2A	clinker						6		
GT TP167	0.5	MGT2A	little clinker						6.1		
GT TP167	0.8	LPF							6.7		
GT TP168	0.1	MGT2A	little sst coal						4.9		
GT TP169	0.1	MGT2A	pottery						5.2		
GT TP170	0.3	LPF							5.5		
GT TP171	0.2	MGT1A	little clinker pottery						5.5		
GT TP171	0.4	MGT1A	little clinker						5.8		
GT TP172	0.2	MGT2A	clinker white powder	Romney huts					12.7		
GT TP172	0.3	MGT2A	clinker white powder	Romney huts					7.4		
GT TP172	0.8	MGT2A	little clinker	Romney huts					7.7		
GT TP173	0.2	MGT2A	clinker						6.5		
GT TP173	0.4	MGT2B							7		
GT TP173	0.7	MGT2B	clinker concrete brick						6.8		
GT TP173	1.4	LPF							7		
GT TP174	0.5	MGT2C		Ash					8.7		
GT TP174	1.6	MGT2B	clinker brick slate						7.3		
GT TP174	2	LPF							7.5		
GT TP175	0.1	MGT2B	little clinker	Ash					6.1		
GT TP175	1.8	MGT2A	clinker & coal						7.1		
GT TP176	0.2	MGT2A		Ash					8.2		
GT TP176	1.7	MGT2A							7.7		
GT TP176	2.3	LPF							8		

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
GT TP177	0.4	MGT2C		Ash					7.6		
GT TP177	1.4	MGT2A	brick clinker coal						7.1		
GT TP178	0.2	MGT2B		Ash					6.9		
GT TP178	0.8	MGT2C		Ash					8.4		
GT TP178	1.4	KF							7.5		
GT TP179	0.2	MGT2A	little clinker	Romney huts					7.1		
GT TP179	0.4	MGT2A	red & white oxides	Romney huts					7		
GT TP179	1.3	LPF							5.9		
GT TP180	0.2	MGT2A	clinker						6.5		
GT TP180	0.5	MGT1B							7.5		
GT TP180	0.6	MGT2A	clinker brick						7.2		
GT TP180	0.8	MGT2A	clinker concrete coal						7.2		
GT TP180	1.2	MGT2A	clinker brick blaes						7.1		
GT TP180	1.5	KF							7.3		
GT TP181	0.2	MGT2A	glass pottery						5.7		
GT TP182	0.1	MGT2A							4.7		
GT TP183	0.1	MGT2A	some clinker						4.9		
GT TP184	0.1	MGT2A	brick clinker blaes						5.1		
GT TP184	0.3	MGT2A							5.4		
GT TP184	0.5	MGT2A							5.9		
GT TP184	1.1	MGT2A	little coal pottery						6.6		
GT TP184	1.7	LPF							6.7		
GT TP186	0.1	MGT2A							6.3		
GT TP186	0.3	MGT1B	little brick concrete						6.9		
GT TP187	0.1	MGT2B	coal brick concrete						7.1		
GT TP187	0.5	MGT2A							7.3		
GT TP187	0.7	LPF							7.2		
GT TP189	0.3	MGT2B		Burning ground					6.7		
GT TP189	0.9	LPF		Burning ground					6.4		
GT TP190	0.2	MGT2A	clinker brick blaes	Burning ground					7.4		
GT TP191	0.1	MGT2B	clinker brick pottery	Burning ground					7.2		
GT TP191	0.3	MGT3		Burning ground					6.8		
GT TP191	0.6	MGT2A	little clinker	Burning ground					7		
GT TP192	0.1	MGT2A	clinker brick pottery	Burning ground					7		
GT TP192	0.5	MGT2B	clinker brick pottery	Burning ground					7.1		
GT TP192	0.7	MGT2A		Burning ground					5.7		
GT TP192	1	KF		Burning ground					7.2		
GT TP238	0.2	MGT2A							5.7		
GT TP261	0.3	MGT2A	blaes clinker brick						6.9		
GT TP261	1	LPF							6.9		
GT TP273	0.3	MGT2B							8.5		
GT TP273	1.2	LPF							6.9		
GT TP283	0.2	MGT1B	clinker						6		
GT TP283	0.8	MGT2B							5.9		
GT TP283	1.4	LPF							6.3		
GT TP292	0.1	MGT2A	coal clinker						6.5		
GT TP292	0.4	MGT2B	clinker coal						6.7		
GT TP292	1	MGT2B							6.8		
GT TP292	1.5	LPF							7.6		
HA1264	0.4	CPF				59	82	>25	4.6	18	
HA1264	1	LPF							4.9		
HA1265	0.1	CPF					82.7		7.3	17.3	
HA1265	0.4	CPF							5		

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
HA1471	0.1	CPF		Picrite lagoons			76.7	1.4	6.5	23.3	
HA1471	1	CPF		Picrite lagoons					4.5		
HA1473	0.1	CPF		Picrite lagoons					4.5		
HA1473	1.5	CPF							6.1		
HA1475	0.1	CPF		Picrite lagoons					6		
HA1475	0.4	CPF		Picrite lagoons		82	89.1	>25	5.8	10.9	
HA1476	0.1	CPF				83	85.2	>25	3.5	14.8	
HA1477	0.1	CPF							5.6		
HA1477	1	CPF							5.1		
HA1478	0.1	MGT2A		Burning ground					6.6		
HA1478	0.4	MGT2A		Burning ground					6.5		
HA1479	0.1	MGT2A		Burning ground			89.8		4.2	10.2	
HA1479	0.4	CPF		Burning ground					4.3		
HA1480	0.4	CPF							5		
HA1480	1.5	LPF							4.9		
HA1482	0.1	CPF							4.3		
HA1482	1	CPF							5.4		
HA1619	0.1	LPF		wrong place					5.9		
HA1619	0.9	LPF		wrong place					6.6		
HA1620	0.9	LPF		wrong place					6.3		
HA1620	1.4	LPF							6.8		
HA2658	0.25	CPF		Burning Ground delineation						19.9	
HA2658	0.25	CPF		Burning Ground delineation						24.8	
HA2659	0.3	CPF		Burning Ground delineation						15.4	
HA2659	0.3	CPF		Burning Ground delineation						27.1	
HA2660	0.2	MGT2A	ash	Burning Ground delineation					6.5	83	
HA2660	0.2	MGT2A	ashy	Burning Ground delineation						14.5	
PIC A1	0.5	MGT1A		Picrite lagoons					7		
PIC A2	0.05	MGT1A		Picrite lagoons					4.1		
PIC A3	0.08	MGT1A		Picrite lagoons					4.9	62.1	
PIC B1	0.5	MGT1A		Picrite lagoons					7.3		
PIC B2	0.05	MGT1A		Picrite lagoons					7.5	63.5	
PIC B3	0.5	MGT2A		Picrite lagoons					7.2	54.6	
PIC B4	0.5	MGT1A		Picrite lagoons					11.6		
PIC C1	2.2	MGT1A							12.7		
PIC C2	0.7	MGT1A		Picrite lagoons					11.9		
PIC C3	0.1	MGT1A		Picrite lagoons					12.7		
PIC C3	1.1	MGT1A							10.6	70.5	
PIC D1	1	LPF		Picrite lagoons					7.3		
PIC D2	0.5	LPF		Picrite lagoons					8		
PIC D3	1	MGT1A		Picrite lagoons					7.8	61.8	
PIC D4	0.8	MGT1A		Picrite lagoons					8	63.2	
PIC E1	0.2	MGT1A		Picrite lagoons					8.2		
PIC E2	0.9	MGT1A		Picrite lagoons					7.6	74	
PIC E3	0.2	MGT1A		Picrite lagoons					7.9		
PIC F1	0.1	MGT1A		Picrite lagoons					8.3		
PIC G1	0.6	MGT1A		Picrite lagoons					7.9		
PIC G2	0.2	MGT1A		Picrite lagoons					7	57.5	
PIC J1	1	MGT1A		Picrite lagoons					12.7	41.8	
PIC M1	0.5	MGT1A		Picrite lagoons					8.4		
PIC M2	1	MGT1A		Picrite lagoons					9		
PIC M3	0.5	MGT1A		Picrite lagoons					7.6	70	
PIC M4	0.5	MGT1A		Picrite lagoons					7.8	74.7	

Table 15.4
RL - pH, solids & other

 Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
PIC M4	1.6	MGT1A							7.7		
PIC WS2	0.5	MGT1A		Picrite lagoons					7.4	68.2	
PIC WS3	1	MGT1A		Picrite lagoons					9.2	58	
PIC WS3	3.1	LPF							9.8		
PIC WS4	0.6	MGT1A		Picrite lagoons					8		
PIC WS5	1.4	MGT1A							7.3	59.9	
PIC WS6	0.7	MGT1A		Picrite lagoons					8	65.4	
PIC WS7	0.1	MGT1A		Picrite lagoons					8	59.6	
PIC WS7	0.9	MGT1A		Picrite lagoons					7.8		
TP1255	0.15	MGT2A	brick				54		8.1	46	
TP1255	0.5	CPF				90	85.2	>25		14.8	
TP1256	0.3	MGT2A							8		
TP1256	1.2	MGT1A	bricks						8.2		
TP1257	0.1	MGT1B		Rail			20.8		6.2	79.2	
TP1257	0.5	WTF		Rail			22.7	8.3	6.3	77.3	
TP1262	0.15	MGT1B	glass						5.9		
TP1262	0.5	WTF							5.9		
TP1263	0.2	TPSL		Rail			17.7		6.8	82.3	
TP1263	0.45	MGT1B		Rail					6.1		
TP1268	0.15	MGT2A	ash tile glass blaes						5.1		
TP1268	0.5	MGT1B							5.1		
TP1276	0.3	MGT1B							6.3		
TP1276	2.2	LPF							7.5		
TP1277	0.3	MGT2A							6.8		
TP1277	0.5	LPF							7		
TP1278	0.1	MGT2A							6.9		
TP1278	0.5	CPF							4.6		
TP1280	0.3	MGT2A							7		
TP1280	1	LPF							6.6		
TP1285	0.1	MGT2A							6.8		
TP1285	0.7	CPF							5.5		
TP1356	0.1	MGT2A	ash						7.3		
TP1356	0.3	MGT2A	ash						7.4		
TP1356	1	CPF							5.1		
TP1359	0.1	MGT1A	brick glass tile						6.4		
TP1359	0.3	MGT1A	brick glass tile						6.8		
TP1361	0.1	MGT2B	ash	MG Coal	15000				6.2		
TP1361	0.5	MGT2B	ash	MG Coal	15000				6.8		
TP1474	0.2	MGT2B	ash	Ash			25.8		7.3	74.2	
TP1474	0.4	CPF		Ash					5.2		
TP1481	0.3	MGT3	concrete	Picrite lagoons			15.2		7.4	84.8	
TP1481	1	MGT1A	Pink	Picrite lagoons					7.6		
TP1481	2.2	MGT1A	charcoal						7.5		
TP1499	0.15	MGT2B	ash	Ash					5.9		
TP1499	1	MGT1A	ash	Ash			37.2		6.7	62.8	
TP1499	3	KF							5.3		
TP1500	0.5	MGT2B	ash	MG Tip					6.1		
TP1500	2	CPF							6.2		
TP1501	0.2	MGT2B		MG Tip					6.8		
TP1501	1.1	MGT3	rubble						7.6		
TP2365	0.3	HSTD		AST other					9	78.2	
TP2685	0.3	MGT2B	ash/clinker	Uncontrolled Waste Tips					7.6		
TP2685	2.7	MGT2A	glass	Uncontrolled Waste Tips					9.9	61.9	

Table 15.4
RL - pH, solids & other

Detection limit above GSAC
 Exceeds GSAC
 Detected Above Reporting Limit (No GSAC)

No. of Samples	2	4	18	2	393	81	18
Min	15000	59	15.2	1.4	3.5	7.5	1
Mean	-	78.5	49.4	4.9	6.6	56.9	11.6
Max	15000	90	89.8	8.3	12.7	84.8	24
No. detected	2	4	18	2	393	81	18
Assess Criteria	-	-	-	-	-	-	-
No. Exceeding							

Exp. Pt.	Depth	Material Type	Comments	Rationale	Calorific value kJ/kg	Loss on Ignition %	Moisture Content %	Organic matter %	pH	Solids %	Total Organic Matter %
TP2686	0.1	MGT2A	Clinker	Uncontrolled Waste Tips					7.3	73.4	
TP2706	0.1	MGT2B	ash	Burning Ground delineation					6.7	76.8	
TP2706	1.4	LPF	HC odour	Burning Ground delineation						81.1	
TP2706	2.8	LPF		Burning Ground delineation					7.9		
TP2707	0.3	MGT2B	ash	Burning Ground delineation					6.7	65.1	
TP2707	1.6	LPF		Burning Ground delineation					7		
TP2708	0.1	MGT2B	ash	Burning Ground delineation					6.6		
TP2708	1.5	MGT2B	ash	Burning Ground delineation					7	67.6	
TP2709	0.8	MGT1A		Burning Ground delineation					6.5	80	
TP2710	0.1	MGT2B	Ash	Burning Ground delineation					6.4		
TP2711	2	MGT1A	pottery	Uncontrolled Waste Tips					4.6	57.9	
TP2712	0.3	MGT1A	crushed brick	Uncontrolled Waste Tips					7.7		
TP2712	1	MGT2B	ash	Uncontrolled Waste Tips					7.5		
TP2712	2	MGT2C	PFA	Uncontrolled Waste Tips					7.3		
TP2713	0.3	MGT2A	ASH	Uncontrolled Waste Tips					7.7	68.7	
TP2713	1.5	MGT2C	PFA	Uncontrolled Waste Tips					7.5	67.5	
TP2713	2.8	LPF		Uncontrolled Waste Tips					7.6	64.3	
TP2714	0.1	MGT2B	ash/clinker	Uncontrolled Waste Tips					5.9		
TP2714	1.5	MGT2A	ash	Uncontrolled Waste Tips					7.4	63.1	
TP28/215	1	MGT1A							5.7		
TP28/215	5	MGT1A							6.7		
TP3203	0.1	MGT2A	ash	Ash					5.9	80.5	
TP3203	0.1	MGT2A	ash	Ash					5.9	80.8	
TP3203	0.8	MGT2A	ash	Ash					6.6	83.1	
TP3204	0.05	MGT2C		Ash					6.5	67.9	
TP3205	0.4	MGT2C		Ash					7.1	71.7	
WS2645	0.1	CPF		Burning Ground Picrite						12	
WS2646	0.5	LPF		Picrite Intermediate hydro picrite						7.5	
WS2647	0.3	CPF		Picrite						8.4	
WS2649	0.3	MGT2A	blaes	Picrite					7.3	62.2	
WS2650	0.3	MGT2B	clinker	Picrite					6.6		
WS3086	0.1	MGT2B	ash	Burning Ground Picrite					6.3	49.4	
WS3088	0.1	MGT2A	blaes	Picrite						15.9	
WS3091	0.3	CPF		Picrite						10	
WS3092	0.1	CPF		Picrite						11.1	
WS3094	0.1	CPF		Picrite						11.8	