

Table A4.10
Core Development Area
TPH

exceeds Tier 2 criteria

 exceeds Tier 2 criteria
+ suggested outlier



n	140	141	141	141	141	141	141
min	1.5	1.0	1.0	1.0	2.3	8.8	20
mean	1.5	2.0	2.4	7.3	58	105	365
max	1.5	5.6	116.2	504.9	2190	2690	8150
n detected	0	2	8	13	30	73	131
Tier 2 criteria	8	8	10.7	25.7	48.3	75.8	116
n exceeded	0	0	3	3	11	26	80
MeanVT							
stdev	0.0	0.4	11.0	43.8	222.0	321.4	835.3
t	1.658	1.658	1.658	1.658	1.658	1.658	1.658
mean UC95	1.5	2.1	3.9	13.4	89	150	482
pass/fail	pass	pass	pass	pass	fail	fail	fail
Max>criteria?	no	no	yes	yes	yes	yes	yes
MaxVT							
T			7.950	7.478	5.881	4.113	3.237
crit T			3.318	3.318	3.318	3.318	3.318
outliers?			yes	yes	yes	yes	no

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1108	0.1	Nat		topsoil		Ammonium perchlorate. Rail	<1.5	<2.0	<1.0	<2.0	<20	25	168
BH1134	0.3	MG		dark silt	organic	White Phos Section	<1.5	<2.0	<1.0	<2.0	<20	48	237
BH1231	0.5	Nat		Clay/silt		Next to acetone AST and fuel USTs	<1.5	<2.0	<1.0	<2.0	<20	31	127
BH1445	1	Nat		silty sand		Hydraulic oil AST	<1.5	<2.0	<1.0	<2.0	<20	21	83
BH1451	1	MG		silty clay		Next to fuel UST	<1.5	<2.0	<1.0	<2.0	<20	<20	43
BH1455	1	MG		black ash		MG Mineral working. Fuel UST	<1.5	<2.0	<1.0	<2.0	59	225	1230
BH1495	1	Nat		grey clay		Petrol UST	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
BH1621	0.3	MG		ash & shale		Ug diesel tank fuel	<1.5	<2.0	<1.0	<2.0	167	534	1880
BH1621	1	Nat		Clay/silt		Ug diesel tank fuel	<1.5	<2.0	1.3	4.6	<20	34	195
HA1313	0.1	MG		CLAY			<1.5	<2.0	<1.0	<2.0	<20	46	237
HA1315	0.4	MG		SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	61
HA1639	0.4	MG		CLAY		Transformer	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
HS1574	0.1	MG		gravelly CLAY	blaes		<1.5	<2.0	<1.0	<2.0	<20	<20	76
HS1588	0.1	MG		gravelly SILT	Clay pipe pieces, glass, blasé and bricks		<1.5	<2.0	<1.0	<2.0	<20	28	378
HS1590	0.15	MG		slightly gravelly CLAY	Blaes, ballast, mica, quartz and tile		<1.5	<2.0	<1.0	<2.0	<20	<20	273
TP1005	0.1	MG		SILT		Acid AST	<1.5	<2.0	<1.0	<2.0	<20	36	250
TP1006	0.1	MG		SILT		Rail	<1.5	<2.0	<1.0	<2.0	25	240	881
TP1008	0.05	MG		topsoil			<1.5	<2.0	<1.0	<2.0	<20	21	514
TP1009	0.3	MG		SAND	concrete metal ash		<1.5	<2.0	<1.0	<2.0	<20	<20	40
TP1013	0.3	MG		GRAVEL	brick, rubble	NG spill. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	89
TP1014	0.25	MG		GRAVEL	ash type 1		<1.5	<2.0	<1.0	<2.0	109	812	4450
TP1020	0.5	MG		as above	& dark organic material	Near Pb development + d/s of 2 ethyl acetate ASTs	<1.5	<2.0	<1.0	<2.0	<20	<20	34
TP1022	0.3	MG		GRAVEL	blaes, brick		<1.5	<2.0	<1.0	<2.0	<20	<20	92
TP1062	0.3	MG		sandy CLAY		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	91
TP1062	1	MG		sandy GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	42
TP1063	0.3	MG		sandy SILT		Dumrs	<1.5	<2.0	<1.0	<2.0	<20	30	179
TP1064	0.1	MG		sandy CLAY		Acid AST. Road. Pb salts	<1.5	<2.0	<1.0	<2.0	<20	21	120
TP1067	0.4	MG		gravelly SAND			<1.5	<2.0	<1.0	<2.0	<20	<20	51
TP1068	0.1	MG		sandy GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	100	316	2230
TP1069	0.1	MG		SAND & GRAVEL			<1.5	<2.0	<1.0	<2.0	<20	28	218
TP1070	0.4	MG		BLAES		Acid AST. Rail	<1.5	<2.0	<1.0	<2.0	<20	31	78
TP1070	1	Nat		sandy CLAY		Acid AST. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	261
TP1072	0.1	MG		sandy GRAVEL		Road	<1.5	<2.0	<1.0	<2.0	<20	<20	74
TP1076	0.1	MG		sandy gravelly SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	86
TP1077	0.3	MG		SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	105
TP1078	0.5	MG		clayey SAND		Fuel oil AST	<1.5	<2.0	<1.0	13.7	1310	2090	957
TP1078	1	MG		clayey SAND	strong diesel odour	Fuel oil AST	<1.5	4.9	116.2	504.9	721	1190	550
TP1080	0.5	MG		gravelly SILT	brick and charcoal	Acid AST	<1.5	<2.0	<1.0	<2.0	<20	<20	220
TP1081	0.3	MG		sandy GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	28	69	319
TP1082	0.2	MG		sandy gravelly SILT		Acid AST	<1.5	<2.0	<1.0	<2.0	30	91	791

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1083	0.5		MG	concrete and rubble	blaes and brick	Fuel oil AST	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1084	0.4		MG	GRAVEL	blaes and brick frags		<1.5	<2.0	<1.0	<2.0	<20	49	382
TP1088	0.1		MG	sandy SILT		Road	<1.5	<2.0	<1.0	<2.0	<20	21	522
TP1095	0.1		MG	gravelly SILT	clay pipe frags and bricks		<1.5	<2.0	<1.0	<2.0	<20	<20	113
TP1096	1		Nat	CLAY			<1.5	<2.0	<1.0	<2.0	<20	57	516
TP1101	0.2		MG	SAND	metal frags	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	149
TP1102	1		Nat	SILT	strong hydrocarbon/solvent odour		<1.5	<2.0	<1.0	20.2	21	77	65
TP1106	0.1		MG	GRAVEL	brick and blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	440
TP1106	0.3		MG	GRAVEL	brick and blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	32
TP1107	0.1		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	110
TP1111	0.1		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1111	0.5		MG	GRAVEL	slight hydrocarbon odour		<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1113	0.1		MG	SILT	blaes, brick, tile		<1.5	<2.0	<1.0	<2.0	<20	22	209
TP1116	0.1		MG	SILT	blaes, brick, tile, glass	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	157
TP1117	0.3		MG	SILT	brick and blaes	NC lagoon	<1.5	<2.0	<1.0	<2.0	<20	<20	67
TP1119	0.3		MG	GRAVEL	ash	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	53
TP1123	0.1		MG	GRAVEL	ash brick asphalt white asb cement metal	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	22	345
TP1131	0.1		MG	clay	clinker, asb, white crystals		<1.5	<2.0	<1.0	<2.0	<20	47	256
TP1138	0.1		MG	SILT	brick blaes tile glass	Fuel AST. Rail	<1.5	<2.0	<1.0	<2.0	<20	50	249
TP1138	0.5		MG	SILT		Fuel AST. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	79
TP1177	0.3		MG	GRAVEL	ash	Rail	<1.5	<2.0	<1.0	<2.0	<20	37	292
TP1179	0.1		MG	SILT	blaes, brick, rubble		<1.5	<2.0	<1.0	<2.0	<20	<20	97
TP1181	0.2		MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	85
TP1183	0.1		MG	sandy clay	clinker	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	216
TP1184	0.2		MG	SILT	blaes, glass, tile, charcoal		<1.5	<2.0	<1.0	<2.0	<20	<20	80
TP1185	0.15		MG	shale	clinker	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	39
TP1187	0.1		MG	SILT		Road	<1.5	<2.0	<1.0	<2.0	<20	27	388
TP1187	0.3		MG	SILT		Road	<1.5	<2.0	<1.0	<2.0	<20	<20	106
TP1192	0.1		MG	sandy clay	clinker	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	54
TP1193	0.3		MG	GRAVEL		Road	<1.5	<2.0	<1.0	<2.0	<20	72	438
TP1197	0.3		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	51	197
TP1198	0.1		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	79
TP1198	0.3		Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	31
TP1203	0.5		MG	sandy clay		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1207	0.6		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	64
TP1210	0.1		MG	GRAVEL	ash		<1.5	<2.0	<1.0	<2.0	34	59	256
TP1214	0.1		MG	shale		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	26
TP1216	0.3		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	87
TP1216	0.7		MG	GRAVEL	HC odour from wooden sleepers		<1.5	<2.0	<1.0	<2.0	<20	<20	49
TP1218	0.5		MG	GRAVEL	concrete, brick HC odour	MG Poss brick field. Drum store	<1.5	<2.0	<1.0	<2.0	<20	20	394
TP1220	0.1		MG	SILT	rubble	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	72
TP1221	0.2		MG	GRAVEL	bleas concrete brick rubble	MG Poss brick field. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	255
TP1224	0.2		MG	SILT	propellant and white fibrous substance	Rail	<1.5	<2.0	<1.0	<2.0	22	53	341
TP1229	0.25		MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	151
TP1230	0.1		MG	SILT		Acetone AST	<1.5	<2.0	<1.0	<2.0	<20	<20	145
TP1232	0.3		MG	SILT		Fuel UST. Rail	<1.5	<2.0	<1.0	<2.0	33	112	549
TP1233	0.25		MG	SILT	brick, blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	126
TP1236	0.3		MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	57	238
TP1236	0.5		Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1240	0.1		MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	118
TP1241	0.1		MG	SILT	blaes		<1.5	<2.0	<1.0	2.1	38	114	534
TP1241	1		Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	203
TP1244	0.1		MG	GRAVEL	brick glass tile charcoal		<1.5	<2.0	<1.0	<2.0	<20	26	173
TP1244	0.5		MG	GRAVEL	brick glass tile charcoal		<1.5	<2.0	<1.0	<2.0	<20	<20	31
TP1245	0.1		MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	67	365
TP1245	0.5		Nat	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	114
TP1248	0.1		MG	SILT		Road	<1.5	<2.0	<1.0	<2.0	<20	22	206
TP1248	0.5		Nat	SILT		Road	<1.5	<2.0	<1.0	<2.0	20	103	795
TP1249	0.1		MG	GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	21	79	753
TP1253	0.1		MG	GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	34	72	258
TP1253	0.3		MG	GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	<20	43	266

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1316	0.1		MG	GRAVEL	ash	Rail	<1.5	<2.0	<1.0	<2.0	86	77	1020
TP1317	0.3		MG	SILT	brick, blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	56	356
TP1320	0.2		MG	SILT	brick, blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	49
TP1320	0.5		MG	SILT	brick, blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	36
TP1327	0.1		MG	GRAVEL	blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	59
TP1328	0.3		MG	SAND	no tub	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	38
TP1330	0.3		MG	GRAVEL	ash		<1.5	<2.0	<1.0	<2.0	<20	21	245
TP1330	0.5		MG	SILT/CLAY	HC odour			<1.0	<1.0	<1.0	2.3	8.8	63
TP1341	0.5		MG	SILT		Acid AST	<1.5	<2.0	<1.0	<2.0	<20	<20	62
TP1341	1		MG	SILT	visible and olfactory HC	Acid AST	<1.5	<2.0	<1.0	<2.0	<20	45	52
TP1347	0.5		MG	GRAVEL	ash	Fuel oil AST	<1.5	<2.0	<1.0	<2.0	<20	97	175
TP1352	0.5		MG	SILT			<1.5	<2.0	<1.0	<2.0	24	85	502
TP1440	0.1		MG	GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1440	0.3		MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1441	0.3		MG	GRAVEL	ash	Rail	<1.5	<2.0	<1.0	<2.0	20	31	229
TP1441	1		Nat	SILT		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	22
TP1442	0.3		MG	GRAVEL	type 1	Fuel oil AST	<1.5	<2.0	<1.0	<2.0	<20	<20	339
TP1443	0.1		MG	GRAVEL	ash, hydrocarbon odour	tarmac	<1.5	<2.0	<1.0	<2.0	38	275	706
TP1443	0.5		MG	GRAVEL	ash, hydrocarbon odour		<1.5	<2.0	<1.0	<2.0	<20	22	107
TP1443	1		Nat	SAND			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1444	0.4		MG	GRAVEL		Hydraulic oil AST	<1.5	<2.0	<1.0	<2.0	<20	105	1160
TP1444	0.5		MG	SAND		Hydraulic oil AST	<1.5	<2.0	<1.0	<2.0	<20	<20	246
TP1446	0.3		MG	GRAVEL	blaes and brick	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	33
TP1446	0.5		MG	GRAVEL	blaes and brick	Rail	<1.5	<2.0	<1.0	<2.0	<20	25	101
TP1447	0.1		MG	GRAVEL	ash, strong hydrocarb odour		<1.5	<2.0	<1.0	2.5	35	148	705
TP1447	0.5		MG	SILT/CLAY	strong hydrocarbon odour		<1.5	<2.0	<1.0	3.3	<20	<20	35
TP1452	0.1		MG	GRAVEL	ash and bricks	General store	<1.5	<2.0	1.3	3.8	<20	27	112
TP1452	0.5		Nat	CLAY		General store	<1.5	<2.0	<1.0	<2.0	20	82	409
TP1453	0.1		MG	GRAVEL	type 1 under tarmac	General store	<1.5	<2.0	1.8	5.8	138	936	8150
TP1456	0.4		MG	GRAVEL	ash HC odour	MG Mineral working. Fuel UST	<1.5	<2.0	1.7	2.4	35	308	2140
TP1456	0.7		MG	CLAY	Strong HC odour	MG Mineral working. Fuel UST	<1.5	5.6	61.5	75.6	<20	72	294
TP1459	0.2		MG	GRAVEL	ash	Burning ground	<1.5	<2.0	<1.0	<2.0	54	79	438
TP1460	0.3		MG	GRAVEL	ash	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	49	194
TP1463	0.5		Nat	SILT/CLAY			<1.5	<2.0	<1.0	<2.0	<20	<20	60
TP1464	0.5		MG	SILT		Fuel UST	<1.5	<2.0	<1.0	<2.0	<20	31	161
TP1465	0.5		MG	silt& ash	diesel	Next to fuel UST	<1.5	<2.0	1.1	11.8	437	757	625
TP1465	1		MG	diesel & clay		Next to fuel UST	<1.5	<2.0	20.2	119.6	2190	2690	1430
TP1515	0.3		MG	GRAVEL	slight HC odour tarmac ash	Car park	<1.5	<2.0	<1.0	<2.0	43	86	453
TP1515	0.5		MG	SILT/CLAY		Car park	<1.5	<2.0	<1.0	<2.0	<20	52	262
TP1517	1		MG	sand sized pulverised ash		Car park	<1.5	<2.0	<1.0	<2.0	<20	23	127

Table A4.11
Recreational Open Space
TPH

 exceeds Tier 2 criteria
 exceeds Tier 2 criteria
+ suggested outlier (UC90)

n	92	93	95	95	97	97	97
min	1.5	1.0	1.0	2.0	20	20	20
mean	1.6	2.1	2.1	8.1	47	209	620
max	4.5	7.2	58.2	437.4	726	11700	7190
n detected	2	2	8	9	30	53	85
Tier 2 criteria	9.5	9.5	15.4	76.1	283	491	588
n exceeded	0	0	1	1	2	3	25
MeanVT							
stdev	0.5	0.8	6.1	45	86	1197	1296
t	1.671	1.671	1.671	1.671	1.671	1.671	1.671
mean UC95	1.7	2.3	3.1	16	62	412	840
pass/fail	pass	pass	pass	pass	pass	pass	fail
Max>criteria?	no	no	yes	yes	yes	yes	yes
MaxVT							
T			5.963	6.328	4.251	4.921	2.414
crit T			2.981	2.981	2.981	2.981	2.981
outliers?			yes	yes	yes	yes	no

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1050	0.3	C	Nat	clay/silt	dark organic spots	D/s of Boghall other side of dyke	<1.5	<2.0	<1.0	<2.0	<20	<20	33
BH1297	0.1	F	MG	topsoil		D/s of potential sources in Quarry Circle. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	159
BH1306	0.1	I	MG	topsoil		Acetone AST. Rail. Road	<1.5	<2.0	<1.0	<2.0	<20	63	629
BH1429	0.3	L	MG	black shale		MG Coal. Near storage areas and scrap compounds	1.6	2.5	3.7	3.4	131	178	636
HA1039	0.1	P	Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	73
HA1385	0.1	K	Nat	SILT			<1.5	<2.0	<1.0	<2.0	23	53	708
HA1388	0.1	K	Nat	PEAT			<4.5	<6.0	<3.0	<6.0	156	223	5580
HA1395	0.1	L	Nat	CLAY			<1.5	<2.0	<1.0	<2.0	<20	<20	258
HA1468	0.4	N	MG	SILT		Proof range	<1.5	<2.0	<1.0	<2.0	<20	<20	48
HA1488	0.1	P	Nat	CLAY			<1.5	<2.0	<1.0	<2.0	<20	<20	79
HA1507	0.4	R	Nat	SAND		Agriculture	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
HA1508	0.1	R	Nat	SILT		Agriculture	<1.5	<2.0	<1.0	<2.0	<20	<20	70
HA1521	0.1	R	Nat	PEAT		Agriculture					160	266	6900
HA1523	0.9	R	Nat	PEAT		Agriculture					49	79	4890
HA1525	0.1	R	Nat	PEAT		Agriculture	<4.5	<6.0	<3.0	<6.0	64	200	1530
HA1526	0.1	R	Nat	PEAT		Agriculture			<12.0	<24.0	53	66	1800
HA1526	0.4	R	Nat	PEAT		Agriculture			<12.0	<24.0	125	137	3560
HS1554	0.1	H	MG	sandy CLAY/SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	704
HS1593	0.05	I	MG	sandy CLAY			<1.5	<2.0	<1.0	<2.0	<20	<20	213
TP1026	0.3	B	MG	SILT	brick	NG pond	<1.5	<2.0	<1.0	<2.0	<20	<20	117
TP1033	0.3	B	MG	clinker	clinker		<1.5	<2.0	<1.0	<2.0	38	56	172
TP1038	0.3	P	MG	PEAT		MG Vegetation tip. Road	<1.5	<2.0	<1.0	<2.0	<20	140	1550
TP1041	0.5	C	MG	blaes			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1045	0.3	C	Nat	SAND & GRAVEL			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1047	0.5	I	MG	gravelly SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1141	0.2	E	MG	clinker	clinker		<1.5	<2.0	<1.0	<2.0	<20	24	136
TP1144	0.2	F	MG	GRAVEL	type 1	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1145	0.5	F	Nat	CLAY			<1.5	<2.0	<1.0	<2.0	<20	<20	21
TP1146	0.25	F	MG	SILT	charcoal, blaes, brick		<1.5	<2.0	<1.0	<2.0	<20	<20	88
TP1147	0.3	F	MG	gravel	clinker	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	112
TP1149	0.3	F	MG	SILT/CLAY		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1151	0.1	F	MG	clinker		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	27	100
TP1153	0.1	F	MG	clinker	asb.	Burning ground	<1.5	<2.0	1.7	10.3	90	149	386
TP1157	0.2	F	MG	GRAVEL		Road	<1.5	<2.0	<1.0	<2.0	36	61	278
TP1163	0.5	F	Nat	firm silt			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1166	0.3	F	MG	SILT		Ash	<1.5	<2.0	<1.0	<2.0	<20	29	217
TP1259	0.3	H	MG	redshale		Fills gap in Fil. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	141
TP1267	0.25	H	MG	GRAVEL	ash	Rail	<1.5	<2.0	<1.0	<2.0	<20	47	229
TP1269	0.5	H	MG	GRAVEL	type 1 ash concrete blaes		<1.5	<2.0	<1.0	<2.0	<20	25	271
TP1270	0.1	H	MG	GRAVEL	ash	Rail	<1.5	<2.0	2.5	2.7	28	53	214
TP1274	0.3	H	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	44	243
TP1274	0.5	H	Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	45
TP1279	0.1	H	MG	SILT		Rail	<1.5	<2.0	<1.0	<2.0	23	70	612
TP1286	0.7	H	MG	SAND		Rail	<1.5	<2.0	<1.0	<2.0	<20	66	214
TP1289	0.3	I	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	80
TP1289	0.8	I	Nat	SAND & GRAVEL			<1.5	<2.0	<1.0	<2.0	<20	<20	<20

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP1296	0.2	I	MG	SILT	brick tile charcoal		<1.5	<2.0	<1.0	<2.0	<20	32	300
TP1301	0.1	I	MG	SILT	brick blaes tile ash polystyrene	Rail	<1.5	<2.0	<1.0	<2.0	<20	41	654
TP1301	0.5	I	MG	GRAVEL	blaes concrete frags	Rail	<1.5	<2.0	<1.0	<2.0	<20	54	854
TP1304	0.2	I	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	402
TP1304	0.4	I	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	107
TP1305	0.3	I	Nat	SILT	tile		<1.5	<2.0	<1.0	<2.0	<20	34	307
TP1338	0.5	J	MG	SILT	purple staining brk blaes tile glass charc		<1.5	<2.0	<1.0	<2.0	<20	<20	73
TP1345	0.3	J	MG	GRAVEL	type 1	Substation	<1.5	<2.0	<1.0	<2.0	<20	31	645
TP1351	0.5	J	MG	GRAVEL	type 1 brk and blaes	Spent acid lagoon	<1.5	<2.0	<1.0	<2.0	<20	208	858
TP1354	0.5	J	MG	SILT	brick metal concrete	Ash	<1.5	<2.0	<1.0	<2.0	89	184	1580
TP1358	0.3	J	MG	GRAVEL	ash and coal	MG Coal	4	7.2	4.9	4.3	259	391	975
TP1362	0.3	K	MG	SAND		Ash	<1.5	<2.0	<1.0	<2.0	<20	<20	131
TP1364	0.25	K	MG	silt	wood, metal rubber	Acid AST. Road	<1.5	<2.0	<1.0	<2.0	97	11700	2750
TP1365	0.5	K	MG	clinker		Kerosene AST	<1.5	<2.0	<1.0	<2.0	<20	<20	23
TP1367	0.4	K	MG	clay	clinker, asphalt		<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1368	0.35	K	MG	sandy silt			<1.5	<2.0	<1.0	<2.0	<20	27	224
TP1376	0.1	K	MG	sandy clay			<1.5	<2.0	<1.0	<2.0	<20	<20	163
TP1377	0.9	K	MG	sandy silt	oily residue, HC odor		<1.5	<1.0	7.6	49	340	370	130
TP1380	0.1	K	MG	sandy silt	clinker		<1.5	<2.0	<1.0	<2.0	<20	25	145
TP1382	0.1	K	MG	sandy clay			<1.5	<2.0	<1.0	<2.0	<20	<20	203
TP1383	0.4	K	MG	sandy silt		Road	<1.5	<2.0	<1.0	<2.0	<20	<20	50
TP1392	0.3	K	MG	clay			<1.5	<2.0	<1.0	<2.0	<20	<20	31
TP1393	0.1	F	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	111
TP1393	0.7	F	Nat	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	134
TP1394	0.1	L	MG	SAND & GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	84
TP1400	0.3	L	Nat	GRAVEL		Rail	<1.5	<2.0	<1.0	<2.0	42	101	560
TP1404	0.1	L	MG	gravel		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	67
TP1405	0.1	L	MG	clinker		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	84	129
TP1406	0.5	L	MG	sandy clay	clinker	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	27	166
TP1409	0.1	L	MG	gravel		Burning ground. Road	<1.5	<2.0	3.6	28.3	173	1460	7190
TP1410	0.1	L	MG	clinker		Burning ground	<1.5	<2.0	<1.0	<2.0	156	66	197
TP1411	0.1	L	MG	clay	clinker	Burning ground	<1.5	<2.0	<1.0	<2.0	42	343	1460
TP1413	0.6	L	MG	sandy clay	HC odour	Burning ground	<1.5	<2.0	58.2	437.4	88	21	29
TP1415	0.2	L	MG	clay	clinker	Burning ground	<1.5	<2.0	<1.0	<2.0	22	58	268
TP1416	0.05	L	MG	clinker		Burning ground	<1.5	<2.0	2.8	5.9	<20	43	128
TP1418	1	L	MG	clay	clinker	Burning ground	<1.5	<2.0	<1.0	<2.0	<20	44	385
TP1419	0.3	L	MG	clinker		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	35	337
TP1420	0.3	L	MG	clinker		Burning ground	<1.5	<2.0	<1.0	<2.0	<20	<20	60
TP1421	0.1	L	MG	clay			<1.5	<2.0	<1.0	<2.0	24	69	402
TP1423	0.1	L	MG	GRAVEL	ash	Road	<1.5	<2.0	<1.0	<2.0	39	91	664
TP1423	0.5	L	MG	SILT/CLAY	visible and strong odour HC	Road	<1.5	<2.0	<1.0	8.7	726	1410	1200
TP1426	0.3	L	MG	GRAVEL	ash, clinker	Ash	<1.5	<2.0	<1.0	<2.0	40	57	139
TP1435	0.2	L	MG	GRAVEL	ash		<1.5	<2.0	<1.0	<2.0	53	98	382
TP1437	1	L	MG	silt/sand sized ash		Ash	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1439	0.5	L	MG	SILT/SAND sized ash		Ash	<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1484	0.1	P	MG	SILT			<1.5	<2.0	<1.0	<2.0	<20	<20	101
TP1492	0.1	P	MG	topsoil			<1.5	<2.0	<1.0	<2.0	<20	<20	146
TP1497	0.25	C	MG	SAND			<1.5	<2.0	<1.0	<2.0	<20	<20	<20
TP1506	0.3	Q	MG	SILT		Fuel AST	<1.5	<2.0	<1.0	<2.0	<20	35	231
TP1629	0.3	Q	MG	SILT		MG Netherfield Tip 2	<1.5	<2.0	<1.0	<2.0	52	121	806
TP1629	0.8	Q	MG	SILT		MG Netherfield Tip 2	<1.5	<2.0	<1.0	<2.0	24	76	794

Table A4.12
Retained Land
TPH

exceeds Tier 2 criteria

 exceeds Tier 2 criteria
+ suggested outlier (UC90)

n	9	9	10	10	10	10	10
min	1.5	2.0	1.0	2.0	20	20	31
mean	2.0	2.7	2.3	4.0	61	95	1512
max	6	8	8	16	152	207	6620
n detected	0	0	2	0	4	7	10
Tier 2 criteria	9.5	9.5	15.4	76.1	283	491	588
n exceeded	0	0	0	0	0	0	5
MeanVT							
stdev	1.5	2.0	2.7	4.6	55	82	2298
t	1.833	1.833	1.833	1.833	1.833	1.833	1.833
mean UC95	2.9	3.9	3.9	6.7	93	142	2844
pass/fail	pass	pass	pass	pass	pass	pass	fail
Max>criteria?	no	no	no	no	no	no	yes
MaxVT							
T							1.500
crit T							1.977
outliers?							no

Exp. Pt.	depth	Zone	MG/Nat	Description	Description comments	Location comments	C5-C6	> C6-C8	>C8-C10	>C10-C12	> C12-C16	> C16-C21	>C21-C40
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
BH1258	0.1	H	MG	topsoil		Fills gap in Fil. Rail	<1.5	<2.0	<1.0	<2.0	<20	96	800
BH1271	0.1	H	MG	topsoil		Fills gap in Fil. Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	75
HA1265	0.1	H	Nat	PEAT			<6.0	<8.0	6.7	<8.0	142	183	6620
HA1479	0.1	O	Nat	PEAT		Burning ground			<8.0	<16.0	152	203	4740
TP1254	0.3	H	MG	GRAVEL	blaes	Rail	<1.5	<2.0	<1.0	<2.0	<20	<20	31
TP1255	0.15	H	MG	SILT	brick, tile		<1.5	<2.0	<1.0	<2.0	91	146	1660
TP1257	0.1	H	MG	CLAY		Rail	<1.5	<2.0	<1.0	<2.0	<20	23	194
TP1474	0.2	O	MG	GRAVEL	ash	Ash	<1.5	<2.0	1.3	<2.0	<20	27	89
TP1481	0.3	O	MG	FILL	concrete, rubble,	Picrite lagoons	<1.5	<2.0	<1.0	<2.0	<20	<20	112
TP1499	1	Q	MG	GRAVEL	ash	Ash	<1.5	<2.0	<1.0	<2.0	101	207	799