

PAHs in Soil		
Our Reference:	UNITS	SE87477-1
Your Reference	-----	18
Composite Reference	-----	TP52
Depth		-
Sample Matrix		0-0.2
Date Sampled		Soil
		5/05/2011
Date Extracted		12/05/2011
Date Analysed		12/05/2011
Naphthalene	mg/kg	<0.10
2-Methylnaphthalene	mg/kg	<0.10
1-Methylnaphthalene	mg/kg	<0.10
Acenaphthylene	mg/kg	<0.10
Acenaphthene	mg/kg	<0.10
Fluorene	mg/kg	<0.10
Phenanthrene	mg/kg	<0.10
Anthracene	mg/kg	<0.10
Fluoranthene	mg/kg	<0.10
Pyrene	mg/kg	<0.10
Benzo[a]anthracene	mg/kg	<0.10
Chrysene	mg/kg	<0.10
Benzo[b,k]fluoranthene	mg/kg	<0.20
Benzo[a]pyrene	mg/kg	<0.10
Indeno[123-cd]pyrene	mg/kg	<0.10
Dibenzo[ah]anthracene	mg/kg	<0.10
Benzo[ghi]perylene	mg/kg	<0.10
Total PAHs (sum)	mg/kg	<1.8
Nitrobenzene-d5	%	119
2-Fluorobiphenyl	%	129
p -Terphenyl-d14	%	127

OC Pesticides in Soil Our Reference:	UNITS	SE87477-3 3	SE87477-5 4	SE87477-9 9	SE87477-1 27	SE87477-1 90
Your Reference	-----	TP15	TP23	TP42	TP55	Composite C1
Composite Reference	-----	-	-	-	-	1+34+143
Depth		0-0.1	0-0.1	0-0.15	0.5-0.7	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		2/05/2011	4/05/2011	2/05/2011	3/05/2011	
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	108	118	108	107	109



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-1 91	SE87477-1 92	SE87477-1 93	SE87477-1 94	SE87477-1 95
Your Reference	-----	Composite C2	Composite C3	Composite C4	Composite C5	Composite C6
Composite Reference	-----	3+5+7	9+11+13	15+38+40	17+21+29	23+25+101
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	109	115	117	117	117



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-1 96	SE87477-1 97	SE87477-1 98	SE87477-1 99	SE87477-2 00
Your Reference	-----	Composite C7	Composite C8	Composite C9	Composite C10	Composite C11
Composite Reference	-----	27+96+104	36+91+94	44+47+49	52+58+62	56+64+169
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	121	125	125	121	123



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 01	SE87477-2 02	SE87477-2 03	SE87477-2 04	SE87477-2 05
Your Reference	-----	Composite C12	Composite C13	Composite C14	Composite C15	Composite C16
Composite Reference	-----	66+70+72	74+76+78	80+82+84	87+89+106	108+109+110
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	121	106	125	124	119



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 06	SE87477-2 07	SE87477-2 08	SE87477-2 09	SE87477-2 10
Your Reference	-----	Composite C17	Composite C18	Composite C19	Composite C20	Composite C21
Composite Reference	-----	111+113+1 25	115+118+1 20	123+129+1 33	131+135+1 38	141+145+1 47
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	111	120	119	109	109



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 11	SE87477-2 12	SE87477-2 13	SE87477-2 14	SE87477-2 15
Your Reference	-----	Composite C22	Composite C23	Composite C24	Composite C25	Composite C26
Composite Reference	-----	149+151+1 53	156+158+1 63	160+165+1 67	16+18+41	19+42+59
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	112	111	113	104	107



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 16	SE87477-2 17	SE87477-2 18	SE87477-2 19	SE87477-2 20
Your Reference	-----	Composite C27	Composite C28	Composite C29	Composite C30	Composite C31
Composite Reference	-----	30+95+97	45+92+102	49+67+85	68+116+12 1	126+136+1 39
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	112	101	109	111	122



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 21	SE87477-2 22	SE87477-2 23	SE87477-2 24	SE87477-2 25
Your Reference	-----	Composite C32	Duplicate D1	Duplicate D2	TP8	TP8
Composite Reference	-----	154+161+1 70	180+181+1 82	183+184+1 85		
Depth		-	-	-	1.0-1.3	1.55-1.65
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled					5/05/2011	5/05/2011
Date Extracted		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
Date Analysed		12/05/2011	12/05/2011	12/05/2011	12/05/2011	12/05/2011
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total α & β - Endosulfan	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total DDD	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDE	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total DDT	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	114	119	118	121	119



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OC Pesticides in Soil Our Reference:	UNITS	SE87477-2 26
Your Reference	-----	TP51
Composite Reference	-----	
Depth		1.0-1.1
Sample Matrix		Soil
Date Sampled		5/05/2011
Date Extracted		12/05/2011
Date Analysed		12/05/2011
HCB	mg/kg	<0.1
Total α , β , Δ - BHC	mg/kg	<0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	<0.1
Heptachlor Epoxide	mg/kg	<0.1
Heptachlor	mg/kg	<0.1
Methoxychlor	mg/kg	<0.1
Aldrin	mg/kg	<0.1
Dieldrin	mg/kg	<0.05
Endrin	mg/kg	<0.1
Total α & β - Endosulfan	mg/kg	<0.2
Endosulfan Sulphate	mg/kg	<0.1
Total DDD	mg/kg	<0.2
Total DDE	mg/kg	<0.2
Total DDT	mg/kg	<0.2
Total cis, trans- Chlordane	mg/kg	<0.2
2,4,5,6-Tetrachloro-m-xylene (<i>Surrogate</i>)	%	111



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PCBs in Soil		
Our Reference:	UNITS	SE87477-1
		18
Your Reference	-----	TP52
Composite Reference	-----	-
Depth		0-0.2
Sample Matrix		Soil
Date Sampled		5/05/2011
Date Extracted		12/05/2011
Date Analysed		12/05/2011
Polychlorobiphenyls Total	mg/kg	<0.9
PCB_Surrogate 1	%	111

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-3	SE87477-5	SE87477-9	SE87477-1	SE87477-1
Your Reference	-----	3	4	9	27	90
Composite Reference	-----	TP15	TP23	TP42	TP55	Composite C1
Depth		-	-	-	-	1+34+143
Sample Matrix		0-0.1	0-0.1	0-0.15	0.5-0.7	-
Date Sampled		Soil	Soil	Soil	Soil	Soil
		2/05/2011	4/05/2011	2/05/2011	3/05/2011	
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	7	5	6	<3	6
Cadmium	mg/kg	0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	20	7.7	6.0	6.0	10
Copper	mg/kg	18	9.9	27	4.0	16
Lead	mg/kg	23	16	17	12	20
Nickel	mg/kg	7.8	4.8	16	6.6	7.3
Zinc	mg/kg	38	28	54	24	34

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-1	SE87477-1	SE87477-1	SE87477-1	SE87477-1
Your Reference	-----	91	92	93	94	95
Composite Reference	-----	Composite C2	Composite C3	Composite C4	Composite C5	Composite C6
Depth		3+5+7	9+11+13	15+38+40	17+21+29	23+25+101
Sample Matrix		-	-	-	-	-
Date Sampled		Soil	Soil	Soil	Soil	Soil
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	6	8	8	4	4
Cadmium	mg/kg	<0.3	0.8	<0.3	<0.3	<0.3
Chromium	mg/kg	9.5	11	12	8.5	12
Copper	mg/kg	18	16	17	14	14
Lead	mg/kg	23	600	19	15	17
Nickel	mg/kg	8.6	6.6	8.6	7.5	7.3
Zinc	mg/kg	110	35	37	37	28



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Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-1 96	SE87477-1 97	SE87477-1 98	SE87477-1 99	SE87477-2 00
Your Reference	-----	Composite C7	Composite C8	Composite C9	Composite C10	Composite C11
Composite Reference	-----	27+96+104	36+91+94	44+47+49	52+58+62	56+64+169
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	7	5	7	7	<3
Cadmium	mg/kg	0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	14	8.6	9.4	10	8.3
Copper	mg/kg	19	13	14	15	8.6
Lead	mg/kg	41	19	21	20	18
Nickel	mg/kg	8.6	6.7	6.4	8.6	5.0
Zinc	mg/kg	51	37	50	37	25

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-2 01	SE87477-2 02	SE87477-2 03	SE87477-2 04	SE87477-2 05
Your Reference	-----	Composite C12	Composite C13	Composite C14	Composite C15	Composite C16
Composite Reference	-----	66+70+72	74+76+78	80+82+84	87+89+106	108+109+110
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	3	4	5	6	10
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	7.8	8.2	9.2	12	15
Copper	mg/kg	14	12	15	14	19
Lead	mg/kg	16	15	24	19	22
Nickel	mg/kg	5.7	5.2	6.1	6.3	7.9
Zinc	mg/kg	42	30	71	31	40



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Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-2 06	SE87477-2 07	SE87477-2 08	SE87477-2 09	SE87477-2 10
Your Reference	-----	Composite C17	Composite C18	Composite C19	Composite C20	Composite C21
Composite Reference	-----	111+113+1 25	115+118+1 20	123+129+1 33	131+135+1 38	141+145+1 47
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	6	7	8	7	6
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	12	11	8.6	8.5	9.3
Copper	mg/kg	16	11	15	16	14
Lead	mg/kg	23	16	21	24	24
Nickel	mg/kg	8.6	5.0	5.6	6.8	6.0
Zinc	mg/kg	40	27	44	46	44

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-2 11	SE87477-2 12	SE87477-2 13	SE87477-2 14	SE87477-2 15
Your Reference	-----	Composite C22	Composite C23	Composite C24	Composite C25	Composite C26
Composite Reference	-----	149+151+1 53	156+158+1 63	160+165+1 67	16+18+41	19+42+59
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	5	5	6	7	8
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	9.1	12	12	14	11
Copper	mg/kg	14	17	17	16	19
Lead	mg/kg	30	23	21	18	15
Nickel	mg/kg	7.4	9.3	11	9.8	7.2
Zinc	mg/kg	50	47	44	34	29



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Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-2 16	SE87477-2 17	SE87477-2 18	SE87477-2 19	SE87477-2 20
Your Reference	-----	Composite C27	Composite C28	Composite C29	Composite C30	Composite C31
Composite Reference	-----	30+95+97	45+92+102	49+67+85	68+116+12 1	126+136+1 39
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	7	7	6	9	8
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	11	13	7.9	9.2	6.1
Copper	mg/kg	19	24	16	16	25
Lead	mg/kg	18	20	15	16	16
Nickel	mg/kg	8.3	7.4	6.0	5.5	11
Zinc	mg/kg	31	35	35	30	57

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477-2 21	SE87477-2 22	SE87477-2 23	SE87477-2 24	SE87477-2 25
Your Reference	-----	Composite C32	Duplicate D1	Duplicate D2	TP8	TP8
Composite Reference	-----	154+161+1 70	180+181+1 82	183+184+1 85		
Depth		-	-	-	1.0-1.3	1.55-1.65
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled					5/05/2011	5/05/2011
Date Extracted (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Metals)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Arsenic	mg/kg	7	5	6	10	4
Cadmium	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	14	11	12	6.6	6.1
Copper	mg/kg	18	13	18	22	13
Lead	mg/kg	23	17	24	12	11
Nickel	mg/kg	8.5	7.0	11	5.4	4.0
Zinc	mg/kg	38	36	50	35	19



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Metals in Soil by ICP-OES Our Reference: Your Reference Composite Reference Depth Sample Matrix Date Sampled	UNITS ----- -----	SE87477-2 26 TP51 1.0-1.1 Soil 5/05/2011
Date Extracted (Metals)		13/05/2011
Date Analysed (Metals)		13/05/2011
Arsenic	mg/kg	6
Cadmium	mg/kg	<0.3
Chromium	mg/kg	9.6
Copper	mg/kg	11
Lead	mg/kg	12
Nickel	mg/kg	4.6
Zinc	mg/kg	15



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Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-3	SE87477-5	SE87477-9	SE87477-1	SE87477-1
		3	4	9	27	90
Your Reference	-----	TP15	TP23	TP42	TP55	Composite
						C1
Composite Reference	-----	-	-	-	-	1+34+143
Depth		0-0.1	0-0.1	0-0.15	0.5-0.7	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		2/05/2011	4/05/2011	2/05/2011	3/05/2011	
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-1	SE87477-1	SE87477-1	SE87477-1	SE87477-1
		91	92	93	94	95
Your Reference	-----	Composite	Composite	Composite	Composite	Composite
		C2	C3	C4	C5	C6
Composite Reference	-----	3+5+7	9+11+13	15+38+40	17+21+29	23+25+101
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-1	SE87477-1	SE87477-1	SE87477-1	SE87477-2
		96	97	98	99	00
Your Reference	-----	Composite	Composite	Composite	Composite	Composite
		C7	C8	C9	C10	C11
Composite Reference	-----	27+96+104	36+91+94	44+47+49	52+58+62	56+64+169
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05



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Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-2 01	SE87477-2 02	SE87477-2 03	SE87477-2 04	SE87477-2 05
Your Reference	-----	Composite C12	Composite C13	Composite C14	Composite C15	Composite C16
Composite Reference	-----	66+70+72	74+76+78	80+82+84	87+89+106	108+109+110
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-2 06	SE87477-2 07	SE87477-2 08	SE87477-2 09	SE87477-2 10
Your Reference	-----	Composite C17	Composite C18	Composite C19	Composite C20	Composite C21
Composite Reference	-----	111+113+125	115+118+120	123+129+133	131+135+138	141+145+147
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-2 11	SE87477-2 12	SE87477-2 13	SE87477-2 14	SE87477-2 15
Your Reference	-----	Composite C22	Composite C23	Composite C24	Composite C25	Composite C26
Composite Reference	-----	149+151+153	156+158+163	160+165+167	16+18+41	19+42+59
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05



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Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-2 16	SE87477-2 17	SE87477-2 18	SE87477-2 19	SE87477-2 20
Your Reference	-----	Composite C27	Composite C28	Composite C29	Composite C30	Composite C31
Composite Reference	-----	30+95+97	45+92+102	49+67+85	68+116+12 1	126+136+1 39
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	SE87477-2 21	SE87477-2 22	SE87477-2 23	SE87477-2 24	SE87477-2 25
Your Reference	-----	Composite C32	Duplicate D1	Duplicate D2	TP8	TP8
Composite Reference	-----	154+161+1 70	180+181+1 82	183+184+1 85		
Depth		-	-	-	1.0-1.3	1.55-1.65
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled					5/05/2011	5/05/2011
Date Extracted (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Date Analysed (Mercury)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury Cold Vapor/Hg Analyser		
Our Reference:	UNITS	SE87477-2 26
Your Reference	-----	TP51
Composite Reference	-----	
Depth		1.0-1.1
Sample Matrix		Soil
Date Sampled		5/05/2011
Date Extracted (Mercury)		13/05/2011
Date Analysed (Mercury)		13/05/2011
Mercury	mg/kg	<0.05



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Asbestos ID in soil			
Our Reference:	UNITS	SE87477-1	SE87477-1
		77	79
Your Reference	-----	TP9	TP74
Composite Reference	-----	-	-
Depth		0.15-0.4	0.2-0.5
Sample Matrix		Soil	Soil
Date Sampled		2/05/2011	2/05/2011
Date Analysed		13/05/2011	13/05/2011
Sample Description		18g Soil	10g Soil
Asbestos ID in soil	-	No asbestos detected Organic fibres detected	No asbestos detected Organic fibres detected

Asbestos ID in materials Our Reference:	UNITS	SE87477-1 78
Your Reference	-----	TP74
Composite Reference	-----	-
Depth		-
Sample Matrix		Material
Date Sampled		2/05/2011
Date Analysed		13/05/2011
Sample Description		55x40x4m m Cement sheet fragments
Asbestos ID in materials	-	Chrysotile asbestos detected

Moisture						
Our Reference:	UNITS	SE87477-3	SE87477-5	SE87477-9	SE87477-1	SE87477-1
		3	4	9	18	27
Your Reference	-----	TP15	TP23	TP42	TP52	TP55
Composite Reference	-----	-	-	-	-	-
Depth		0-0.1	0-0.1	0-0.15	0-0.2	0.5-0.7
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		2/05/2011	4/05/2011	2/05/2011	5/05/2011	3/05/2011
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	14	17	11	14	3

Moisture						
Our Reference:	UNITS	SE87477-1	SE87477-1	SE87477-1	SE87477-1	SE87477-1
		90	91	92	93	94
Your Reference	-----	Composite	Composite	Composite	Composite	Composite
		C1	C2	C3	C4	C5
Composite Reference	-----	1+34+143	3+5+7	9+11+13	15+38+40	17+21+29
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	13	19	13	16	17

Moisture						
Our Reference:	UNITS	SE87477-1	SE87477-1	SE87477-1	SE87477-1	SE87477-1
		95	96	97	98	99
Your Reference	-----	Composite	Composite	Composite	Composite	Composite
		C6	C7	C8	C9	C10
Composite Reference	-----	23+25+101	27+96+104	36+91+94	44+47+49	52+58+62
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	16	14	16	23	14

Moisture						
Our Reference:	UNITS	SE87477-2 00	SE87477-2 01	SE87477-2 02	SE87477-2 03	SE87477-2 04
Your Reference	-----	Composite C11	Composite C12	Composite C13	Composite C14	Composite C15
Composite Reference	-----	56+64+169	66+70+72	74+76+78	80+82+84	87+89+106
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	11	13	13	13	18

Moisture						
Our Reference:	UNITS	SE87477-2 05	SE87477-2 06	SE87477-2 07	SE87477-2 08	SE87477-2 09
Your Reference	-----	Composite C16	Composite C17	Composite C18	Composite C19	Composite C20
Composite Reference	-----	108+109+1 10	111+113+1 25	115+118+1 20	123+129+1 33	131+135+1 38
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	14	13	16	16	17

Moisture						
Our Reference:	UNITS	SE87477-2 10	SE87477-2 11	SE87477-2 12	SE87477-2 13	SE87477-2 14
Your Reference	-----	Composite C21	Composite C22	Composite C23	Composite C24	Composite C25
Composite Reference	-----	141+145+1 47	149+151+1 53	156+158+1 63	160+165+1 67	16+18+41
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	13	14	16	15	10



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Moisture						
Our Reference:	UNITS	SE87477-2 15	SE87477-2 16	SE87477-2 17	SE87477-2 18	SE87477-2 19
Your Reference	-----	Composite C26	Composite C27	Composite C28	Composite C29	Composite C30
Composite Reference	-----	19+42+59	30+95+97	45+92+102	49+67+85	68+116+12 1
Depth		-	-	-	-	-
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	14	12	15	13	10

Moisture						
Our Reference:	UNITS	SE87477-2 20	SE87477-2 21	SE87477-2 22	SE87477-2 23	SE87477-2 24
Your Reference	-----	Composite C31	Composite C32	Duplicate D1	Duplicate D2	TP8
Composite Reference	-----	126+136+1 39	154+161+1 70	180+181+1 82	183+184+1 85	
Depth		-	-	-	-	1.0-1.3
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled						5/05/2011
Date Analysed (moisture)		13/05/2011	13/05/2011	13/05/2011	13/05/2011	13/05/2011
Moisture	%	12	9	16	17	10

Moisture			
Our Reference:	UNITS	SE87477-2 25	SE87477-2 26
Your Reference	-----	TP8	TP51
Composite Reference	-----		
Depth		1.55-1.65	1.0-1.1
Sample Matrix		Soil	Soil
Date Sampled		5/05/2011	5/05/2011
Date Analysed (moisture)		13/05/2011	13/05/2011
Moisture	%	11	14



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Method ID	Methodology Summary
AN410	BTEX / C6-C9 Hydrocarbons - Soil samples are extracted with methanol, purged and concentrated by a purge and trap apparatus, and then analysed using GC/MS technique. Water samples undergo the same analysis without the extraction step. Based on USEPA 5030B and 8260B
AN403	Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36, in accordance with the Australian Institute of Petroleum (AIP). Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatile loss. Total Petroleum Hydrocarbons (TPH) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with differential polarity of the eluent solvents. The GC/FID method is not well suited to the analysis of refined high boiling point materials (i.e. lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol (if care to control volatility is taken). This method will detect naturally occurring hydrocarbons, lipids, organic acids, phenols and PAHs if they are present at sufficient levels, dependant on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015E
AN422	Polynuclear Aromatic Hydrocarbons - determined by solvent extraction with dichloromethane / acetone for soils and dichloromethane for waters, followed by instrumentation analysis using GC/MS SIM mode
AN400	The determination of organochlorine (OC) and organophosphorus (OP) pesticides and polychlorinated biphenyls (PCBs) in soils, sludges and groundwater. (Based on USEPA methods 3510, 3550, 8140 and 8080.)
AN320	
AN312	After digestion with nitric acid, hydrogen peroxide and hydrochloric acid, mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500
AN602	Analysed using in house method AN602 - Qualitative identification of Asbestos Fibres, Synthetic Mineral Fibres and Organic Fibres in bulk samples (including building materials and soils) using Polarised Light Microscopy and Dispersion Staining Techniques
AN002	



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QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
MBTEX in Soil								
Date Extracted (MBTEX)				12/05/11	[NT]	[NT]	LCS	12/05/11
Date Analysed (MBTEX)				12/05/11	[NT]	[NT]	LCS	12/05/11
Methyl-tert-butyl ether (MtBE)	mg/kg	0.1	AN410	<0.1	[NT]	[NT]	LCS	82%
Benzene	mg/kg	0.1	AN410	<0.1	[NT]	[NT]	LCS	82%
Toluene	mg/kg	0.1	AN410	<0.1	[NT]	[NT]	LCS	79%
Ethylbenzene	mg/kg	0.1	AN410	<0.1	[NT]	[NT]	LCS	77%
Total Xylenes	mg/kg	0.3	AN410	<0.3	[NT]	[NT]	LCS	79%
BTEX Surrogate (%)	%	0	AN410	74	[NT]	[NT]	LCS	72%

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Total Recoverable Hydrocarbons in Soil								
Date Extracted (TRH C6-C9 PT)				12/05/11	[NT]	[NT]	LCS	12/05/11
Date Analysed (TRH C6-C9 PT)				12/05/11	[NT]	[NT]	LCS	12/05/11
TRH C6 - C9 P&T	mg/kg	20	AN410	<20	[NT]	[NT]	LCS	103%
Date Extracted (TRH C10-C40)				12/05/2011	[NT]	[NT]	LCS	12/05/2011
Date Analysed (TRH C10-C40)				12/05/2011	[NT]	[NT]	LCS	12/05/2011
TRH C10 - C14	mg/kg	20	AN403	<20	[NT]	[NT]	LCS	104%
TRH C15 - C28	mg/kg	50	AN403	<50	[NT]	[NT]	LCS	95%
TRH C29 - C40	mg/kg	150	AN403	<150	[NT]	[NT]	LCS	105%



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QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil								
Date Extracted				12/05/2011	[NT]	[NT]	LCS	12/05/2011
Date Analysed				12/05/2011	[NT]	[NT]	LCS	12/05/2011
Naphthalene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	98%
2-Methylnaphthalene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
1-Methylnaphthalene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	93%
Acenaphthylene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	106%
Acenaphthene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Fluorene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Phenanthrene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	98%
Anthracene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	108%
Fluoranthene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	99%
Pyrene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	109%
Benzo[a]anthracene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	0.2	AN422	<0.20	[NT]	[NT]	[NR]	[NR]
Benzo[a]pyrene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	LCS	94%
Indeno[123-cd]pyrene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	0.1	AN422	<0.10	[NT]	[NT]	[NR]	[NR]
Total PAHs (sum)	mg/kg	1.8	AN422	<1.8	[NT]	[NT]	[NR]	[NR]
Nitrobenzene-d5	%	0	AN422	83	[NT]	[NT]	LCS	72%
2-Fluorobiphenyl	%	0	AN422	71	[NT]	[NT]	LCS	68%
p -Terphenyl-d14	%	0	AN422	81	[NT]	[NT]	LCS	73%



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QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
OC Pesticides in Soil								
Date Extracted				12/05/2011	SE87477-3	12/05/2011 12/05/2011	LCS	12/05/2011
Date Analysed				12/05/2011	SE87477-3	12/05/2011 12/05/2011	LCS	12/05/2011
HCB	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	[NR]	[NR]
Total α , β , Δ - BHC	mg/kg	0.3	AN400	<0.3	SE87477-3	<0.3 <0.3	LCS	127%
<i>gamma</i> -BHC(Lindane)	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	[NR]	[NR]
Heptachlor Epoxide	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	LCS	122%
Methoxychlor	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	LCS	101%
Dieldrin	mg/kg	0.05	AN400	<0.05	SE87477-3	<0.05 <0.05	LCS	103%
Endrin	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	LCS	122%
Total α & β - Endosulfan	mg/kg	0.2	AN400	<0.2	SE87477-3	<0.2 <0.2	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	AN400	<0.1	SE87477-3	<0.1 <0.1	[NR]	[NR]
Total DDD	mg/kg	0.2	AN400	<0.2	SE87477-3	<0.2 <0.2	[NR]	[NR]
Total DDE	mg/kg	0.2	AN400	<0.2	SE87477-3	<0.2 <0.2	[NR]	[NR]
Total DDT	mg/kg	0.2	AN400	<0.2	SE87477-3	<0.2 <0.2	LCS	122%
Total cis, trans-Chlordane	mg/kg	0.2	AN400	<0.2	SE87477-3	<0.2 <0.2	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xy lene (<i>Surrogate</i>)	%	0	AN400	80	SE87477-3	108 109 RPD: 1	LCS	105%



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QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PCBs in Soil								
Date Extracted				12/05/2011	[NT]	[NT]	LCS	12/05/2011
Date Analysed				12/05/2011	[NT]	[NT]	LCS	12/05/2011
Polychlorobiphenyls Total	mg/kg	0.9	AN400	<0.9	[NT]	[NT]	LCS	119%
PCB_Surrogate 1	%	0	AN400	80	[NT]	[NT]	LCS	115%

QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Metals in Soil by ICP-OES								
Date Extracted (Metals)				13/05/2011	SE87477-3	13/05/2011 13/05/2011	SE87477-54	13/05/2011
Date Analysed (Metals)				13/05/2011	SE87477-3	13/05/2011 13/05/2011	SE87477-54	13/05/2011
Arsenic	mg/kg	3	AN320	<3	SE87477-3	7 8 RPD: 13	SE87477-54	85%
Cadmium	mg/kg	0.3	AN320	<0.3	SE87477-3	0.3 0.3 RPD: 0	SE87477-54	90%
Chromium	mg/kg	0.3	AN320	<0.3	SE87477-3	20 20 RPD: 0	SE87477-54	91%
Copper	mg/kg	0.5	AN320	<0.5	SE87477-3	18 19 RPD: 5	SE87477-54	90%
Lead	mg/kg	1	AN320	<1	SE87477-3	23 25 RPD: 8	SE87477-54	87%
Nickel	mg/kg	0.5	AN320	<0.5	SE87477-3	7.8 8.0 RPD: 3	SE87477-54	91%
Zinc	mg/kg	0.5	AN320	<0.5	SE87477-3	38 37 RPD: 3	SE87477-54	99%



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QUALITY CONTROL	UNITS	LOR	METHOD	Blank	Duplicate Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
Mercury Cold Vapor/Hg Analyser						Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted (Mercury)				13/05/11	SE87477-33	13/05/2011 13/05/2011	SE87477-54	13/05/11
Date Analysed (Mercury)				13/05/11	SE87477-33	13/05/2011 13/05/2011	SE87477-54	13/05/11
Mercury	mg/kg	0.05	AN312	<0.05	SE87477-33	<0.05 <0.05	SE87477-54	84%

QUALITY CONTROL	UNITS	LOR	METHOD	Blank
Asbestos ID in soil				
Date Analysed				[NT]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank
Asbestos ID in materials				
Date Analysed				[NT]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank
Hold sample- NO test required				
Sample on HOLD		[NT]		[NT]

QUALITY CONTROL	UNITS	LOR	METHOD	Blank
Moisture				
Date Analysed (moisture)				[NT]
Moisture	%	1	AN002	<1

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
OC Pesticides in Soil			Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted		SE87477-196	12/05/2011 12/05/2011	LCS	12/05/2011
Date Analysed		SE87477-196	12/05/2011 12/05/2011	LCS	12/05/2011
HCB	mg/kg	SE87477-196	<0.1 <0.1	[NR]	[NR]
Total α , β , Δ - BHC	mg/kg	SE87477-196	<0.3 <0.3	LCS	109%
<i>gamma</i> -BHC(Lindane)	mg/kg	SE87477-196	<0.1 <0.1	[NR]	[NR]



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QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
OC Pesticides in Soil			Base + Duplicate + %RPD		Duplicate + %RPD
Heptachlor Epoxide	mg/kg	SE87477-1 96	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	SE87477-1 96	<0.1 <0.1	LCS	129%
Methoxychlor	mg/kg	SE87477-1 96	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	SE87477-1 96	<0.1 <0.1	LCS	118%
Dieldrin	mg/kg	SE87477-1 96	<0.05 <0.05	LCS	118%
Endrin	mg/kg	SE87477-1 96	<0.1 <0.1	LCS	120%
Total α & β - Endosulfan	mg/kg	SE87477-1 96	<0.2 <0.2	[NR]	[NR]
Endosulfan Sulphate	mg/kg	SE87477-1 96	<0.1 <0.1	[NR]	[NR]
Total DDD	mg/kg	SE87477-1 96	<0.2 <0.2	[NR]	[NR]
Total DDE	mg/kg	SE87477-1 96	<0.2 <0.2	[NR]	[NR]
Total DDT	mg/kg	SE87477-1 96	<0.2 <0.2	LCS	122%
Total cis, trans- Chlordane	mg/kg	SE87477-1 96	<0.2 <0.2	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	SE87477-1 96	121 125 RPD: 3	LCS	103%

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
Metals in Soil by ICP-OES			Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted (Metals)		SE87477-1 96	13/05/2011 13/05/2011	SE87477-2 07	13/05/2011
Date Analysed (Metals)		SE87477-1 96	13/05/2011 13/05/2011	SE87477-2 07	13/05/2011
Arsenic	mg/kg	SE87477-1 96	7 6 RPD: 15	SE87477-2 07	96%
Cadmium	mg/kg	SE87477-1 96	0.3 <0.3	SE87477-2 07	103%
Chromium	mg/kg	SE87477-1 96	14 12 RPD: 15	SE87477-2 07	106%
Copper	mg/kg	SE87477-1 96	19 16 RPD: 17	SE87477-2 07	104%



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QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
Metals in Soil by ICP-OES			Base + Duplicate + %RPD		Duplicate + %RPD
Lead	mg/kg	SE87477-1 96	41 38 RPD: 8	SE87477-2 07	103%
Nickel	mg/kg	SE87477-1 96	8.6 7.2 RPD: 18	SE87477-2 07	104%
Zinc	mg/kg	SE87477-1 96	51 43 RPD: 17	SE87477-2 07	109%

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
Mercury Cold Vapor/Hg Analyser			Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted (Mercury)		SE87477-1 96	13/05/2011 13/05/2011	SE87477-2 07	13/05/11
Date Analysed (Mercury)		SE87477-1 96	13/05/2011 13/05/2011	SE87477-2 07	13/05/11
Mercury	mg/kg	SE87477-1 96	<0.05 <0.05	SE87477-2 07	109%

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate
OC Pesticides in Soil			Base + Duplicate + %RPD
Date Extracted		SE87477-2 06	12/05/2011 12/05/2011
Date Analysed		SE87477-2 06	12/05/2011 12/05/2011
HCB	mg/kg	SE87477-2 06	<0.1 <0.1
Total α , β , Δ - BHC	mg/kg	SE87477-2 06	<0.3 <0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	SE87477-2 06	<0.1 <0.1
Heptachlor Epoxide	mg/kg	SE87477-2 06	<0.1 <0.1
Heptachlor	mg/kg	SE87477-2 06	<0.1 <0.1
Methoxychlor	mg/kg	SE87477-2 06	<0.1 <0.1
Aldrin	mg/kg	SE87477-2 06	<0.1 <0.1
Dieldrin	mg/kg	SE87477-2 06	<0.05 <0.05
Endrin	mg/kg	SE87477-2 06	<0.1 <0.1



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QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Total α & β - Endosulfan	mg/kg	SE87477-2 06	<0.2 <0.2
Endosulfan Sulphate	mg/kg	SE87477-2 06	<0.1 <0.1
Total DDD	mg/kg	SE87477-2 06	<0.2 <0.2
Total DDE	mg/kg	SE87477-2 06	<0.2 <0.2
Total DDT	mg/kg	SE87477-2 06	<0.2 <0.2
Total cis, trans- Chlordane	mg/kg	SE87477-2 06	<0.2 <0.2
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	SE87477-2 06	111 112 RPD: 1

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Metals)		SE87477-2 06	13/05/2011 13/05/2011
Date Analysed (Metals)		SE87477-2 06	13/05/2011 13/05/2011
Arsenic	mg/kg	SE87477-2 06	6 7 RPD: 15
Cadmium	mg/kg	SE87477-2 06	<0.3 <0.3
Chromium	mg/kg	SE87477-2 06	12 13 RPD: 8
Copper	mg/kg	SE87477-2 06	16 16 RPD: 0
Lead	mg/kg	SE87477-2 06	23 23 RPD: 0
Nickel	mg/kg	SE87477-2 06	8.6 8.5 RPD: 1
Zinc	mg/kg	SE87477-2 06	40 38 RPD: 5



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QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		SE87477-2 06	13/05/2011 13/05/2011
Date Analysed (Mercury)		SE87477-2 06	13/05/2011 13/05/2011
Mercury	mg/kg	SE87477-2 06	<0.05 <0.05

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		SE87477-2 16	12/05/2011 12/05/2011
Date Analysed		SE87477-2 16	12/05/2011 12/05/2011
HCB	mg/kg	SE87477-2 16	<0.1 <0.1
Total α , β , Δ - BHC	mg/kg	SE87477-2 16	<0.3 <0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	SE87477-2 16	<0.1 <0.1
Heptachlor Epoxide	mg/kg	SE87477-2 16	<0.1 <0.1
Heptachlor	mg/kg	SE87477-2 16	<0.1 <0.1
Methoxychlor	mg/kg	SE87477-2 16	<0.1 <0.1
Aldrin	mg/kg	SE87477-2 16	<0.1 <0.1
Dieldrin	mg/kg	SE87477-2 16	<0.05 <0.05
Endrin	mg/kg	SE87477-2 16	<0.1 <0.1
Total α & β - Endosulfan	mg/kg	SE87477-2 16	<0.2 <0.2
Endosulfan Sulphate	mg/kg	SE87477-2 16	<0.1 <0.1
Total DDD	mg/kg	SE87477-2 16	<0.2 <0.2
Total DDE	mg/kg	SE87477-2 16	<0.2 <0.2
Total DDT	mg/kg	SE87477-2 16	<0.2 <0.2
Total cis, trans- Chlordane	mg/kg	SE87477-2 16	<0.2 <0.2



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QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	SE87477-2 16	112 116 RPD: 4

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Metals)		SE87477-2 16	13/05/2011 13/05/2011
Date Analysed (Metals)		SE87477-2 16	13/05/2011 13/05/2011
Arsenic	mg/kg	SE87477-2 16	7 6 RPD: 15
Cadmium	mg/kg	SE87477-2 16	<0.3 <0.3
Chromium	mg/kg	SE87477-2 16	11 9.8 RPD: 12
Copper	mg/kg	SE87477-2 16	19 20 RPD: 5
Lead	mg/kg	SE87477-2 16	18 17 RPD: 6
Nickel	mg/kg	SE87477-2 16	8.3 8.6 RPD: 4
Zinc	mg/kg	SE87477-2 16	31 35 RPD: 12



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QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted (Mercury)		SE87477-2 16	13/05/2011 13/05/2011
Date Analysed (Mercury)		SE87477-2 16	13/05/2011 13/05/2011
Mercury	mg/kg	SE87477-2 16	<0.05 <0.05

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		SE87477-2 26	12/05/2011 12/05/2011
Date Analysed		SE87477-2 26	12/05/2011 12/05/2011
HCB	mg/kg	SE87477-2 26	<0.1 <0.1
Total α , β , Δ - BHC	mg/kg	SE87477-2 26	<0.3 <0.3
<i>gamma</i> -BHC(Lindane)	mg/kg	SE87477-2 26	<0.1 <0.1
Heptachlor Epoxide	mg/kg	SE87477-2 26	<0.1 <0.1
Heptachlor	mg/kg	SE87477-2 26	<0.1 <0.1
Methoxychlor	mg/kg	SE87477-2 26	<0.1 <0.1
Aldrin	mg/kg	SE87477-2 26	<0.1 <0.1
Dieldrin	mg/kg	SE87477-2 26	<0.05 <0.05
Endrin	mg/kg	SE87477-2 26	<0.1 <0.1
Total α & β - Endosulfan	mg/kg	SE87477-2 26	<0.2 <0.2
Endosulfan Sulphate	mg/kg	SE87477-2 26	<0.1 <0.1
Total DDD	mg/kg	SE87477-2 26	<0.2 <0.2
Total DDE	mg/kg	SE87477-2 26	<0.2 <0.2
Total DDT	mg/kg	SE87477-2 26	<0.2 <0.2
Total cis, trans- Chlordane	mg/kg	SE87477-2 26	<0.2 <0.2



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QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
2,4,5,6-Tetrachloro-m-xylen e (Surrogate	%	SE87477-2 26	111 110 RPD: 1

Result Codes

[INS] : Insufficient Sample for this test
[NR] : Not Requested
[NT] : Not tested
[LOR] : Limit of reporting

[RPD] : Relative Percentage Difference
* : Not part of NATA Accreditation
[N/A] : Not Applicable

Report Comments

Sampled by the client

Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarised light microscopy.

This is due to the low grade or small length or diameter of asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials.

No respirable fibres detected using trace analysis technique.

Asbestos analysed by Approved Identifier Ravee Sivasubramaniam.

Samples analysed as received. Solid samples expressed on a dry weight basis.

Date Organics extraction commenced:

NATA Corporate Accreditation No. 2562, Site No 4354

Note: Test results are not corrected for recovery (excluding Air-toxics and Dioxins/Furans*)

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This document is to be treated as an original within the meaning of UCP 600. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Quality Control Protocol

Method Blank: An analyte free matrix to which all reagents are added in the same volume or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. A method blank is prepared every 20 samples.

Duplicate: A separate portion of a sample being analysed that is treated the same as the other samples in the batch. One duplicate is processed at least every 10 samples.

Surrogate Spike: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are added to samples before extraction to monitor extraction efficiency and percent recovery in each sample.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) or metals by ICP after the extraction/digestion process; the compounds/elements serve to give a standard of retention time and/or response, which is invariant from run-to-run with the instruments.

Laboratory Control Sample: A known matrix spiked with compound(s) representative of the target analytes. It is used to document laboratory performance. When the results of the matrix spike analysis indicates a potential problem due to the sample matrix itself, the LCS results are used to verify that the laboratory can perform the analysis in a clean matrix.

Matrix Spike: An aliquot of sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Quality Acceptance Criteria

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: <http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf>



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COC received 10.5.11 at 1:32pm



Laboratory Test Request / Chain of Custody Record

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email: info@geotech.com.au

TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015		Sampling By: AN/JK	Job No: 12467/2
PH: 02 8594 0400		Project Manager: AB	Location: Claymore
FAX: 02 8594 0499		Project:	
ATTN: MS ANGELA MAMALICOS			

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS					KEEP SAMPLE
1 TP1	0-0.2	5/05/2011	-	SG												YES
2 TP1	0.25-0.35	5/05/2011	-	SG												YES
3 TP2	0-0.15	5/05/2011	-	SG												YES
4 TP2	0.2-0.3	5/05/2011	-	SG												YES
5 TP3	0-0.15	5/05/2011	-	SG												YES
6 TP3	0.2-0.3	5/05/2011	-	SG												YES
7 TP4	0-0.15	5/05/2011	-	SG												YES
8 TP4	0.2-0.3	5/05/2011	-	SG												YES
9 TP5	0-0.15	5/05/2011	-	SG												YES
10 TP5	0.2-0.3	5/05/2011	-	SG												YES
11 TP6	0-0.15	5/05/2011	-	SG												YES
12 TP6	0.2-0.3	5/05/2011	-	SG												YES
13 TP7	0-0.15	5/05/2011	-	SG												YES
14 TP7	0.2-0.3	5/05/2011	-	SG												YES

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WC		9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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**TO: SGS ENVIRONMENTAL SERVICES
UNIT 16
33 MADDOX STREET
ALEXANDRIA NSW 2015**

PH: 02 8594 0400

FAX: 02 8594 0499

Sampling By:	AN/JK
--------------	-------

Job No: 12467/2

Project:

Project Manager: AB

Location: Claymore

ATTN: MS ANGELA MAMALICOS

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
15 TP8	0-0.15	5/05/2011	-	SG											YES
16 TP8	0.2-0.5	5/05/2011	-	SG											YES
17 TP9	0-0.15	2/05/2011	-	SG											YES
18 TP9	0.15-0.4	2/05/2011	-	SG											YES
19 TP9	0.4-0.7	2/05/2011	-	SG											YES
20 TP9	0.85-0.95	2/05/2011	-	SG											YES
21 TP10	0-0.15	2/05/2011	-	SG											YES
22 TP10	0.2-0.3	2/05/2011	-	SG											YES
23 TP11	0-0.15	2/05/2011	-	SG											YES
24 TP11	0.25-0.35	2/05/2011	-	SG											YES
25 TP12	0-0.15	5/05/2011	-	SG											YES
26 TP12	0.25-0.35	5/05/2011	-	SG											YES
27 TP13	0-0.15	2/05/2011	-	SG											YES
28 TP13	0.25-0.35	2/05/2011	-	SG											YES
Relinquished by							Received by								
Name		Signature			Date		Name		Signature			Date			
ANWAR BARBHUYIA		AB			9/05/2011		WC		[Signature]			9.5.11			
Legend:															
WG	Water sample, glass bottle				SG	Soil sample (glass jar)				SP	Soil sample (plastic bag)				* Purge & Trap
WP	Water sample, plastic bottle									✓	Test required				

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
29 TP14	0-0.15	2/05/2011	-	SG											YES
30 TP14	0.2-0.5	2/05/2011	-	SG											YES
31 TP14	0.7-1.0	2/05/2011	-	SG											YES
32 TP14	1.15-1.25	2/05/2011	-	SG											YES
33 TP15	0-0.1	2/05/2011	-	SG		✓			✓						YES
34 TP15	0.1-0.3	2/05/2011	-	SG											YES
35 TP15	0.35-0.45	2/05/2011	-	SG											YES
36 TP16	0-0.15	5/05/2011	-	SG											YES
37 TP16	0.2-0.3	5/05/2011	-	SG											YES
38 TP17	0-0.1	5/05/2011	-	SG											YES
39 TP17	0.15-0.25	5/05/2011	-	SG											YES
40 TP18	0-0.15	5/05/2011	-	SG											YES
41 TP18	0.15-0.45	5/05/2011	-	SG											YES
42 TP18	0.9-1.2	5/05/2011	-	SG											YES

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WC		9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015		Sampling By: AN/JK		Job No: 12467/2	
PH: 02 8594 0400		Project Manager: AB		Project:	
ATTN: MS ANGELA MAMALICOS		Location: Claymore			
FAX: 02 8594 0499					

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
43 TP18	1.5-1.8	5/05/2011	-	SG											YES
44 TP19	0-0.15	5/05/2011	-	SG											YES
45 TP19	0.15-0.45	5/05/2011	-	SG											YES
46 TP19	0.6-0.7	5/05/2011	-	SG											YES
47 TP20	0-0.15	5/05/2011	-	SG											YES
48 TP20	0.25-0.35	5/05/2011	-	SG											YES
49 TP21	0-0.15	4/05/2011	-	SG											YES
50 TP21	0.15-0.45	4/05/2011	-	SG											YES
51 TP21	0.55-0.65	4/05/2011	-	SG											YES
52 TP22	0-0.1	5/05/2011	-	SG											YES
53 TP22	0.15-0.25	5/05/2011	-	SG											YES
54 TP23	0-0.1	4/05/2011	-	SG		✓			✓						YES
55 TP23	0.15-0.25	4/05/2011	-	SG											YES
56 TP24	0-0.1	4/05/2011	-	SG											YES
57 TP24	0.15-0.25	4/05/2011	-	SG											YES

Relinquished by		Received by	
Name	Signature	Name	Signature
ANWAR BARBHUYIA	AB	WLC	[Signature]
Date		Date	
9/05/2011		9.5.11	

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
58 TP25	0-0.15	5/05/2011	-	SG											YES
59 TP25	0.2-0.5	5/05/2011	-	SG											YES
60 TP25	0.7-1.0	5/05/2011	-	SG											YES
61 TP25	1.05-1.15	5/05/2011	-	SG											YES
62 TP26	0-0.1	5/05/2011	-	SG											YES
63 TP26	0.15-0.25	5/05/2011	-	SG											YES
64 TP27	0-0.15	4/05/2011	-	SG											YES
65 TP27	0.2-0.3	4/05/2011	-	SG											YES
66 TP28	0-0.1	4/05/2011	-	SG											YES
67 TP28	0.2-0.5	4/05/2011	-	SG											YES
68 TP28	0.7-1.0	4/05/2011	-	SG											YES
69 TP28	1.2-1.4	4/05/2011	-	SG											YES
70 TP29	0-0.15	4/05/2011	-	SG											YES
71 TP29	0.2-0.3	4/05/2011	-	SG											YES

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WC	CE	9.5.11

Legend:	WG Water sample, glass bottle	SG Soil sample (glass jar)	SP Soil sample (plastic bag)	* Purge & Trap
	WP Water sample, plastic bottle		✓ Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE	
72 TP30	0-0.15	4/05/2011	-	SG											YES	
73 TP30	0.25-0.35	4/05/2011	-	SG											YES	
74 TP31	0-0.1	4/05/2011	-	SG											YES	
75 TP31	0.15-0.25	4/05/2011	-	SG											YES	
76 TP32	0-0.15	4/05/2011	-	SG											YES	
77 TP32	0.2-0.3	4/05/2011	-	SG											YES	
78 TP33	0-0.1	4/05/2011	-	SG											YES	
79 TP33	0.15-0.25	4/05/2011	-	SG											YES	
80 TP34	0-0.15	4/05/2011	-	SG											YES	
81 TP34	0.2-0.3	4/05/2011	-	SG											YES	
82 TP35	0-0.15	4/05/2011	-	SG											YES	
83 TP35	0.2-0.3	4/05/2011	-	SG											YES	
84 TP36	0-0.1	4/05/2011	-	SG											YES	
85 TP36	0.1-0.3	4/05/2011	-	SG											YES	

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	<i>AN</i>	<i>[Signature]</i>	9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE	
86 TP36	0.35-0.45	4/05/2011	-	SG											YES	
87 TP37	0-0.15	4/05/2011	-	SG											YES	
88 TP37	0.25-0.35	4/05/2011	-	SG											YES	
89 TP38	0-0.1	4/05/2011	-	SG											YES	
90 TP38	0.15-0.25	4/05/2011	-	SG											YES	
91 TP39	0-0.15	3/05/2011	-	SG											YES	
92 TP39	0.2-0.5	3/05/2011	-	SG											YES	
93 TP39	0.65-0.75	3/05/2011	-	SG											YES	
94 TP40	0-0.15	2/05/2011	-	SG											YES	
95 TP40	0.2-0.3	2/05/2011	-	SG											YES	
96 TP41	0-0.15	2/05/2011	-	SG											YES	
97 TP41	0.2-0.4	2/05/2011	-	SG											YES	
98 TP41	0.45-0.55	2/05/2011	-	SG											YES	
99 TP42	0-0.15	2/05/2011	-	SG		✓			✓						YES	

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WLC	[Signature]	9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE	
102 TP42	0.35-0.45	2/05/2011	-	SG											YES	
101 TP43	0-0.1	3/05/2011	-	SG											YES	
102 TP43	0.1-0.4	3/05/2011	-	SG											YES	
103 TP43	0.55-0.65	3/05/2011	-	SG											YES	
104 TP44	0-0.15	3/05/2011	-	SG											YES	
105 TP44	0.3-0.4	3/05/2011	-	SG											YES	
106 TP45	0-0.15	3/05/2011	-	SG											YES	
107 TP45	0.2-0.3	3/05/2011	-	SG											YES	
108 TP46	0-0.1	3/05/2011	-	SG											YES	
109 TP47	0-0.1	2/05/2011	-	SG											YES	
110 TP48	0-0.15	3/05/2011	-	SG											YES	
111 TP49	0-0.15	3/05/2011	-	SG											YES	
112 TP49	0.25-0.35	3/05/2011	-	SG											YES	
113 TP50	0-0.1	3/05/2011	-	SG											YES	

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WLC	[Signature]	9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE	
114 TP50	0.15-0.25	3/05/2011	-	SG											YES	
115 TP51	0-0.2	5/05/2011	-	SG											YES	
116 TP51	0.2-0.5	5/05/2011	-	SG											YES	
117 TP51	1.15-1.25	5/05/2011	-	SG											YES	
118 TP52	0-0.2	5/05/2011	-	SG			✓	✓		✓					YES	
119 TP52	0.25-0.35	5/05/2011	-	SG											YES	
120 TP53	0-0.2	5/05/2011	-	SG											YES	
121 TP53	0.2-0.4	5/05/2011	-	SG											YES	
122 TP53	0.45-0.55	5/05/2011	-	SG											YES	
123 TP54	0-0.15	5/05/2011	-	SG											YES	
124 TP54	0.2-0.3	5/05/2011	-	SG											YES	
125 TP55	0-0.1	3/05/2011	-	SG											YES	
126 TP55	0.1-0.4	3/05/2011	-	SG											YES	
127 TP55	0.5-0.7	3/05/2011	-	SG		✓			✓						YES	

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	AN/JK	[Signature]	9-5-11

Legend:	WG Water sample, glass bottle	SG Soil sample (glass jar)	SP Soil sample (plastic bag)	* Purge & Trap
	WP Water sample, plastic bottle		✓ Test required	

Lemko Place
PENRITH NSW 2750

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PENRITH NSW 2751

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Fax: (02) 4722 6161
email: info@geotech.com.au

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015		Sampling By: AN/JK	Job No: 12467/2
PH: 02 8594 0400		Project Manager: AB	Location: Claymore
ATTN: MS ANGELA MAMALICOS		Project:	
FAX: 02 8594 0499			

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
128 TP55	0.75-0.85	3/05/2011	-	SG											YES
129 TP56	0-0.15	3/05/2011	-	SG											YES
130 TP56	0.2-0.3	3/05/2011	-	SG											YES
131 TP57	0-0.1	3/05/2011	-	SG											YES
132 TP57	0.15-0.25	3/05/2011	-	SG											YES
133 TP58	0-0.15	3/05/2011	-	SG											YES
134 TP58	0.2-0.3	3/05/2011	-	SG											YES
135 TP59	0-0.1	3/05/2011	-	SG											YES
136 TP59	0.1-0.4	3/05/2011	-	SG											YES
137 TP59	0.5-0.6	3/05/2011	-	SG											YES
138 TP60	0-0.1	3/05/2011	-	SG											YES
139 TP60	0.1-0.4	3/05/2011	-	SG											YES
140 TP60	0.45-0.55	3/05/2011	-	SG											YES
141 TP61	0-0.15	3/05/2011	-	SG											YES

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WC	[Signature]	9.5.11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details				Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
142 TP61	0.2-0.3	3/05/2011	-	SG											YES
143 TP62	0-0.3	3/05/2011	-	SG											YES
144 TP62	0.35-0.45	3/05/2011	-	SG											YES
145 TP63	0-0.15	3/05/2011	-	SG											YES
146 TP63	0.2-0.3	3/05/2011	-	SG											YES
147 TP64	0-0.1	4/05/2011	-	SG											YES
148 TP64	0.15-0.25	4/05/2011	-	SG											YES
149 TP65	0-0.15	3/05/2011	-	SG											YES
150 TP65	0.25-0.35	3/05/2011	-	SG											YES
151 TP66	0-0.1	4/05/2011	-	SG											YES
152 TP66	0.15-0.25	4/05/2011	-	SG											YES
153 TP67	0-0.1	4/05/2011	-	SG											YES
154 TP67	0.1-0.4	4/05/2011	-	SG											YES
155 TP67	0.45-0.55	4/05/2011	-	SG											YES

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011	WLC	[Signature]	9.5.11

Legend:	WG Water sample, glass bottle	SG Soil sample (glass jar)	SP Soil sample (plastic bag)	* Purge & Trap
	WP Water sample, plastic bottle		✓ Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details					Sample type		Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE	
156 TP68	0-0.1	3/05/2011	-	SG											YES	
157 TP68	0.15-0.25	3/05/2011	-	SG											YES	
158 TP69	0-0.1	3/05/2011	-	SG											YES	
159 TP69	0.15-0.25	3/05/2011	-	SG											YES	
160 TP70	0-0.15	4/05/2011	-	SG											YES	
161 TP70	0.15-0.4	4/05/2011	-	SG											YES	
162 TP70	0.5-0.6	4/05/2011	-	SG											YES	
163 TP71	0-0.1	3/05/2011	-	SG											YES	
164 TP71	0.15-0.25	3/05/2011	-	SG											YES	
165 TP72	0-0.15	4/05/2011	-	SG											YES	
166 TP72	0.2-0.3	4/05/2011	-	SG											YES	
167 TP73	0-0.1	4/05/2011	-	SG											YES	
168 TP73	0.15-0.25	4/05/2011	-	SG											YES	
169 TP74	0-0.15	2/05/2011	-	SG											YES	

Relinquished by			Received by		
Name	Signature	Date	Name	Signature	Date
ANWAR BARBHUYIA	AB	9/05/2011			9-5-11

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle			✓	Test required	

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TO: SGS ENVIRONMENTAL SERVICES UNIT 16 33 MADDOX STREET ALEXANDRIA NSW 2015 PH: 02 8594 0400 FAX: 02 8594 0499 ATTN: MS ANGELA MAMALICOS	Sampling By: AN/JK Job No: 12467/2 Project: Project Manager: AB Location: Claymore
---	---

Sampling details				Sample type			Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Material	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
170 TP74	0.2-0.5	2/05/2011	-	SG												YES
171 TP74	0.65-0.75	2/05/2011	-	SG												YES
172 TP75	0-0.1	2/05/2011	-	SG												YES
173 TP75	0.15-0.25	2/05/2011	-	SG												YES
174 TP76	0-0.1	4/05/2011	-	SG												YES
175 TP76	0.1-0.3	4/05/2011	-	SG												YES
176 TP76	0.35-0.45	4/05/2011	-	SG												YES
177 TP9	0.15-0.4	2/05/2011	-	SP								✓				YES
178 TP74	-	2/05/2011	-		FCP							✓				YES
179 TP74	0.2-0.5	2/05/2011	-	SP								✓				YES
180 X1		2/05/2011	-	SG												YES
181 X2		2/05/2011	-	SG												YES
182 X3		2/05/2011	-	SG												YES
183 X4		4/05/2011	-	SG												YES

Relinquished by				Received by			
Name		Signature		Name		Signature	
ANWAR BARBHUYIA		AB					
		Date				Date	
		9/05/2011				9-5-11	

Legend:

WG	Water sample, glass bottle	SG	Soil sample (glass jar)	SP	Soil sample (plastic bag)	* Purge & Trap
WP	Water sample, plastic bottle	FCP	Fibro cement piece	✓	Test required	

Lemko Place
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TO: SGS ENVIRONMENTAL SERVICES
UNIT 16
33 MADDOX STREET
ALEXANDRIA NSW 2015

PH: 02 8594 0400

FAX: 02 8594 0499

Sampling By:	AN/JK
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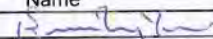
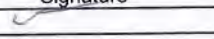
Job No: 12467/2

Project:

Project Manager: AB

Location: Claymore

ATTN: MS ANGELA MAMALICOS

Sampling details						Results required by: Friday 13 May 2011 (Normal Turnaround Time)									
Location	Depth (m)	Date	Time	Soil	Water	Metals As, Cd, Cr, Cu, Pb, Hg, Ni and Zn	TPH* & BTEX	PAH	OCP	PCB	ASBESTOS				KEEP SAMPLE
184 X5		4/05/2011	-	SG											YES
185 X6		4/05/2011	-	SG											YES
186 Rinsate R1		2/05/2011	-		WG										YES
187 Rinsate R2		3/05/2011	-		WG										YES
188 Rinsate R3		4/05/2011	-		WG										YES
189 Rinsate R4		5/05/2011	-		WG										YES
224 TP8	1.0-1.3	5/05/2011	-	SG											YES
225 TP8	1.55-1.65	5/05/2011	-	SG											YES
226 TP51	1.0-1.1	5/05/2011	-	SG											YES
Relinquished by							Received by								
Name		Signature			Date		Name		Signature			Date			
ANWAR BARBHUYIA		AB			9/05/2011							9/5/11			
Legend:															
WG		Water sample, glass bottle		SG		Soil sample (glass jar)		SP		Soil sample (plastic bag)		* Purge & Trap			
WP		Water sample, plastic bottle						✓		Test required					

Sampling Date:
Sampled by:
Project Manager:

2-5/05/2011
AN/JK
AB

Job No: 12467/2
Location: Claymore

Results Required by: Friday 13 May 2011 (Normal Turnaround Time)

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Composite Sample	Sub-Samples	Analyte	
		Metals	OCP
190 Composite C1	TP1 (0-0.2m) + TP15 (0.1-0.3m) + TP62 (0-0.3m)	✓	✓
191 Composite C2	TP2 (0-0.15m) + TP3 (0-0.15m) + TP4 (0-0.15m)	✓	✓
192 Composite C3	TP5 (0-0.15m) + TP6 (0-0.15m) + TP7 (0-0.15m)	✓	✓
193 Composite C4	TP8 (0-0.15m) + TP17 (0-0.1m) + TP18 (0-0.15m)	✓	✓
194 Composite C5	TP9 (0-0.15m) + TP10 (0-0.15m) + TP14 (0-0.15m)	✓	✓
195 Composite C6	TP11 (0-0.15m) + TP12 (0-0.15m) + TP43 (0-0.1m)	✓	✓
196 Composite C7	TP13 (0-0.15m) + TP41 (0-0.15m) + TP44 (0-0.15m)	✓	✓
197 Composite C8	TP16 (0-0.15m) + TP39 (0-0.15m) + TP40 (0-0.15m)	✓	✓
198 Composite C9	TP19 (0-0.15m) + TP20 (0-0.15m) + TP21 (0-0.15m)	✓	✓
199 Composite C10	TP22 (0-0.1m) + TP25 (0-0.15m) + TP26 (0-0.1m)	✓	✓
200 Composite C11	TP24 (0-0.1m) + TP27 (0-0.15m) + TP74 (0-0.15m)	✓	✓
201 Composite C12	TP28 (0-0.1m) + TP29 (0-0.15m) + TP30 (0-0.15m)	✓	✓
202 Composite C13	TP31 (0-0.1m) + TP32 (0-0.15m) + TP33 (0-0.1m)	✓	✓
203 Composite C14	TP34 (0-0.15m) + TP35 (0-0.15m) + TP36 (0-0.1m)	✓	✓
204 Composite C15	TP37 (0-0.15m) + TP38 (0-0.1m) + TP45 (0-0.15m)	✓	✓
205 Composite C16	TP46 (0-0.1m) + TP47 (0-0.1m) + TP48 (0-0.15m)	✓	✓
206 Composite C17	TP49 (0-0.15m) + TP50 (0-0.1m) + TP55 (0-0.1m)	✓	✓

✓ Test required

Metals include arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni) and zinc (Zn).

OCP = Organochlorine Pesticides

AB
9/05/2011
(ANWAR BARBHUYIA)
Geotechnique Pty Ltd

Sampling Date:
Sampled by:
Project Manager:

2-5/05/2011
AN/JK
AB

Job No: 12467/2
Location: Claymore

Results Required by: Friday 13 May 2011 (Normal Turnaround Time)

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Composite Sample	Sub-Samples	Analyte	
		Metals	OCP
207 Composite C18 115+118+120	TP51 (0-0.2m) + TP52 (0-0.2m) + TP53 (0-0.2m)	✓	✓
208 Composite C19 123+125+133	TP54 (0-0.15m) + TP56 (0-0.15m) + TP58 (0-0.15m)	✓	✓
209 Composite C20 131+135+138	TP57 (0-0.1m) + TP59 (0-0.1m) + TP60 (0-0.1m)	✓	✓
210 Composite C21 141+145+147	TP61 (0-0.15m) + TP63 (0-0.15m) + TP64 (0-0.1m)	✓	✓
211 Composite C22 149+151+153	TP65 (0-0.15m) + TP66 (0-0.1m) + TP67 (0-0.1m)	✓	✓
212 Composite C23 156+158+163	TP68 (0-0.1m) + TP69 (0-0.1m) + TP71 (0-0.1m)	✓	✓
213 Composite C24 160+165+167	TP70 (0-0.15m) + TP72 (0-0.15m) + TP73 (0-0.1m)	✓	✓
214 Composite C25 164+168+171	TP8 (0.2-0.5m) + TP9 (0.15-0.4m) + TP18 (0.15-0.45m)	✓	✓
215 Composite C26 171+172+179	TP9 (0.4-0.7m) + TP18 (0.9-1.2m) + TP25 (0.2-0.5m)	✓	✓
216 Composite C27 180+185+197	TP14 (0.2-0.5m) + TP40 (0.2-0.3m) + TP41 (0.2-0.4m)	✓	✓
217 Composite C28 185+192+197	TP19 (0.15-0.45m) + TP39 (0.2-0.5m) + TP43 (0.1-0.4m)	✓	✓
218 Composite C29 199+167+185	TP21 (0.15-0.15m) + TP28 (0.2-0.5) + TP36 (0.1-0.3m)	✓	✓
219 Composite C30 165+116+121	TP28 (0.7-1.0m) + TP51 (0.2-0.5m) + TP53 (0.2-0.4m)	✓	✓
220 Composite C31 126+136+139	TP55 (0.1-0.4m) + TP59 (0.1-0.4m) + TP60 (0.1-0.4m)	✓	✓
221 Composite C32 154+114+170	TP67 (0.1-0.4m) + TP70 (0.15-0.4m) + TP74 (0.2-0.5m)	✓	✓
222 Duplicate D1 180+181+182	X1+ X2 + X3	✓	✓
223 Duplicate D2 183+184+185	X4+ X5 + X6	✓	✓

✓ Test required

Metals include arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni) and zinc (Zn).

OCP = Organochlorine Pesticides

AB
9/05/2011
(ANWAR BARBHUYIA)
Geotechnique Pty Ltd

Client Details

Requested By : **Anwar Barbhuyia**
 Client : Geotechnique
 Contact : Frances Kuipers
 Address : P.O. Box 880
 PENRITH NSW 2751

Email : frances.kuipers@geotech.com.au
 Telephone : 02 4722 2700
 Facsimile : 02 4722 6161

Project : 12467-2 - Claymore
 Order Number :
 Samples : 187 Soils, 4 Waters, 1 Material

Laboratory Details

Laboratory : SGS Environmental Services
 Manager : Edward Ibrahim
 Address : Unit 16, 33 Maddox Street
 Alexandria NSW 2015

Email : au.samplerreceipt.sydney@sgs.com
 Telephone : 61 2 8594 0400
 Facsimile : 61 2 8594 0499

Report No : **SE87477**
 No. of Samples : 226
 Due Date : 13/05/2011

Date Instructions Received : 10/05/2011
 Sample Receipt Date : 10/05/2011

Samples received in good order	: YES	Samples received in correct container:	YES
Samples received without headspace	: YES	Sufficient quantity supplied	: YES
Upon receipt sample temperature	: Cool	Cooling Method	: Ice Pack
Sample containers provided by	: SGS	Samples clearly Labelled	: YES
Turnaround time requested	: Standard	Completed documentation received	: YES

Samples will be held for 1 month for water samples and 3 months for soil samples from date of receipt of samples, unless otherwise instructed.

Comments

To the extent not inconsistent with the other provisions of this document and unless specifically agreed otherwise in writing by SGS, all SGS services are rendered in accordance with the applicable SGS General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm as at the date of this document. Attention is drawn to the limitations of liability and to the clauses of indemnification.

The signed chain of custody will be returned to you with the original report.



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Summary of Samples and Requested Analysis

The table below represents SGS Environmental Service's understanding and interpretation of the customer supplied sample request.

Please indicate ASAP if your request differs from these details.

Testing shall commence immediately as per this table, unless the customer intervenes with a correction prior to testing.

Note that a small X in the table below indicates some testing has not been requested in the package.

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
2	TP1											X	
4	TP2											X	
6	TP3											X	
8	TP4											X	
10	TP5											X	
12	TP6											X	
14	TP7											X	
20	TP9											X	
22	TP10											X	
24	TP11											X	
26	TP12											X	
28	TP13											X	
31	TP14											X	
32	TP14											X	
33	TP15	X				X		X	X				X
35	TP15											X	
37	TP16											X	
39	TP17											X	



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
43	TP18											X	
46	TP19											X	
48	TP20											X	
50	TP21											X	
51	TP21											X	
53	TP22											X	
54	TP23	X				X		X	X				X
55	TP23											X	
57	TP24											X	
60	TP25											X	
61	TP25											X	
63	TP26											X	
65	TP27											X	
69	TP28											X	
71	TP29											X	
73	TP30											X	
75	TP31											X	
77	TP32											X	
79	TP33											X	
81	TP34											X	
83	TP35											X	
86	TP36											X	
88	TP37											X	
90	TP38											X	



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
91	TP39											X	
93	TP39											X	
94	TP40											X	
98	TP41											X	
99	TP42	X				X		X	X				X
100	TP42											X	
103	TP43											X	
105	TP44											X	
107	TP45											X	
112	TP49											X	
114	TP50											X	
117	TP51											X	
118	TP52		X	X	X		X						X
119	TP52											X	
122	TP53											X	
124	TP54											X	
127	TP55	X				X		X	X				X
128	TP55											X	
130	TP56											X	
132	TP57											X	
134	TP58											X	
137	TP59											X	
140	TP60											X	
142	TP61											X	



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
144	TP62											X	
146	TP63											X	
148	TP64											X	
150	TP65											X	
152	TP66											X	
155	TP67											X	
157	TP68											X	
159	TP69											X	
162	TP70											X	
164	TP71											X	
166	TP72											X	
167	TP73											X	
168	TP73											X	
169	TP74											X	
171	TP74											X	
172	TP75											X	
173	TP75											X	
174	TP76											X	
175	TP76											X	
176	TP76											X	
177	TP9									X			
178	TP74										X		
179	TP74									X			
186	Rinsate R1											X	



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
187	Rinsate R2											X	
188	Rinsate R3											X	
189	Rinsate R4											X	
190	Composite C1	X				X		X	X				X
191	Composite C2	X				X		X	X				X
192	Composite C3	X				X		X	X				X
193	Composite C4	X				X		X	X				X
194	Composite C5	X				X		X	X				X
195	Composite C6	X				X		X	X				X
196	Composite C7	X				X		X	X				X
197	Composite C8	X				X		X	X				X
198	Composite C9	X				X		X	X				X
199	Composite C10	X				X		X	X				X
200	Composite C11	X				X		X	X				X
201	Composite C12	X				X		X	X				X
202	Composite C13	X				X		X	X				X
203	Composite C14	X				X		X	X				X
204	Composite C15	X				X		X	X				X
205	Composite C16	X				X		X	X				X
206	Composite C17	X				X		X	X				X
207	Composite C18	X				X		X	X				X
208	Composite C19	X				X		X	X				X
209	Composite C20	X				X		X	X				X
210	Composite C21	X				X		X	X				X



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description	Metals Prep & Inorganics - All	MBTEX in Soil	TRH in soil C6-C9 by P/T	PAHs in Soil	OC Pesticides in Soil (GEOT)	total PCBs in Soil (GEOT)	Metals in Soil by ICP-OES	Mercury Cold Vapor/Hg Analyser	Asbestos ID in soil	Asbestos ID in materials	Hold sample-NO test required	Moisture
211	Composite C22	X				X		X	X				X
212	Composite C23	X				X		X	X				X
213	Composite C24	X				X		X	X				X
214	Composite C25	X				X		X	X				X
215	Composite C26	X				X		X	X				X
216	Composite C27	X				X		X	X				X
217	Composite C28	X				X		X	X				X
218	Composite C29	X				X		X	X				X
219	Composite C30	X				X		X	X				X
220	Composite C31	X				X		X	X				X
221	Composite C32	X				X		X	X				X
222	Duplicate D1	X				X		X	X				X
223	Duplicate D2	X				X		X	X				X
224	TP8	X				X		X	X				X
225	TP8	X				X		X	X				X
226	TP51	X				X		X	X				X

Sample No.	Description
2	TP1
4	TP2
6	TP3



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description
8	TP4
10	TP5
12	TP6
14	TP7
20	TP9
22	TP10
24	TP11
26	TP12
28	TP13
31	TP14
32	TP14
33	TP15
35	TP15
37	TP16
39	TP17
43	TP18
46	TP19
48	TP20
50	TP21
51	TP21
53	TP22
54	TP23
55	TP23
57	TP24
60	TP25
61	TP25
63	TP26
65	TP27
69	TP28



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description
71	TP29
73	TP30
75	TP31
77	TP32
79	TP33
81	TP34
83	TP35
86	TP36
88	TP37
90	TP38
91	TP39
93	TP39
94	TP40
98	TP41
99	TP42
100	TP42
103	TP43
105	TP44
107	TP45
112	TP49
114	TP50
117	TP51
118	TP52
119	TP52
122	TP53
124	TP54
127	TP55
128	TP55
130	TP56



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description
132	TP57
134	TP58
137	TP59
140	TP60
142	TP61
144	TP62
146	TP63
148	TP64
150	TP65
152	TP66
155	TP67
157	TP68
159	TP69
162	TP70
164	TP71
166	TP72
167	TP73
168	TP73
169	TP74
171	TP74
172	TP75
173	TP75
174	TP76
175	TP76
176	TP76
177	TP9
178	TP74
179	TP74
186	Rinsate R1



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description
187	Rinsate R2
188	Rinsate R3
189	Rinsate R4
190	Composite C1
191	Composite C2
192	Composite C3
193	Composite C4
194	Composite C5
195	Composite C6
196	Composite C7
197	Composite C8
198	Composite C9
199	Composite C10
200	Composite C11
201	Composite C12
202	Composite C13
203	Composite C14
204	Composite C15
205	Composite C16
206	Composite C17
207	Composite C18
208	Composite C19
209	Composite C20
210	Composite C21
211	Composite C22
212	Composite C23
213	Composite C24
214	Composite C25
215	Composite C26



SAMPLE RECEIPT ADVICE (SRA) - continued

Client : Geotechnique
Project : 12467-2 - Claymore

Report No : SE87477

Sample No.	Description
216	Composite C27
217	Composite C28
218	Composite C29
219	Composite C30
220	Composite C31
221	Composite C32
222	Duplicate D1
223	Duplicate D2
224	TP8
225	TP8
226	TP51

ANALYTICAL REPORT

18 May 2011

Geotechnique

P.O. Box 880

PENRITH

NSW 2751

Attention: **Anwar Barbhuyia**

Your Reference: 12467-2 - Claymore - Additional Analysis

Our Reference: SE87477A

Samples: 54 Soils, 4 Waters

Received: 10/05/2011

Preliminary Report Sent: Not Issued

These samples were analysed in accordance with your written instructions.

For and on Behalf of:

SGS ENVIRONMENTAL SERVICES

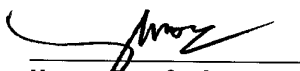
Sample Receipt: Angela Mamalicos

AU.SampleReceipt.Sydney@sgs.com

Production Manager: Huong Crawford

Huong.Crawford@sgs.com

Results Approved and/or Authorised by:


Huong Crawford
Metals Signatory

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Page 1 of 14

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-3	SE87477A-5	SE87477A-7	SE87477A-9	SE87477A-10
Your Reference	-----	TP2	TP3	TP4	TP5	TP5
Composite Reference	-----	-	-	-	-	-
Depth		0-0.15	0-0.15	0-0.15	0-0.15	0.2-0.3
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	[NA]	[NA]	[NA]	7	[NA]
Lead	mg/kg	[NA]	[NA]	[NA]	16	20
Zinc	mg/kg	280	33	68	[NA]	[NA]

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-11	SE87477A-12	SE87477A-13	SE87477A-14	SE87477A-15
Your Reference	-----	TP6	TP6	TP7	TP7	TP8
Composite Reference	-----	-	-	-	-	-
Depth		0-0.15	0.2-0.3	0-0.15	0.2-0.3	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	12	[NA]	10	[NA]	9
Lead	mg/kg	22	18	2,400	160	[NA]

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-16	SE87477A-18	SE87477A-19	SE87477A-27	SE87477A-30
Your Reference	-----	TP8	TP9	TP9	TP13	TP14
Composite Reference	-----	-	-	-	-	-
Depth		0.2-0.5	0.15-0.4	0.4-0.7	0-0.15	0.2-0.5
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	2/05/2011	2/05/2011	2/05/2011	2/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	8	7	7	6	7

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-38	SE87477A-40	SE87477A-41	SE87477A-42	SE87477A-44
Your Reference	-----	TP17	TP18	TP18	TP18	TP19
Composite Reference	-----	-	-	-	-	-
Depth		0-0.1	0-0.15	0.15-0.45	0.9-1.2	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	9	10	9	11	7

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-45	SE87477A-47	SE87477A-49	SE87477A-52	SE87477A-58
Your Reference	-----	TP19	TP20	TP21	TP22	TP25
Composite Reference	-----	-	-	-	-	-
Depth		0.15-0.45	0-0.15	0-0.15	0-0.1	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	4/05/2011	5/05/2011	5/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	10	8	9	9	8

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-59	SE87477A-62	SE87477A-68	SE87477A-92	SE87477A-95
Your Reference	-----	TP25	TP26	TP28	TP39	TP40
Composite Reference	-----	-	-	-	-	-
Depth		0.2-0.5	0-0.1	0.7-1.0	0.2-0.5	0.2-0.3
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	4/05/2011	3/05/2011	2/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	4	7	19	11	9



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Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-96	SE87477A-97	SE87477A-102	SE87477A-104	SE87477A-108
Your Reference	-----	TP41	TP41	TP43	TP44	TP46
Composite Reference	-----	-	-	-	-	-
Depth		0-0.15	0.2-0.4	0.1-0.4	0-0.15	0-0.1
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		2/05/2011	2/05/2011	3/05/2011	3/05/2011	3/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	8	9	7	8	10

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-109	SE87477A-110	SE87477A-115	SE87477A-116	SE87477A-118
Your Reference	-----	TP47	TP48	TP51	TP51	TP52
Composite Reference	-----	-	-	-	-	-
Depth		0-0.1	0-0.15	0-0.2	0.2-0.5	0-0.2
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		2/05/0011	3/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	13	8	7	6	8

Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-120	SE87477A-121	SE87477A-123	SE87477A-126	SE87477A-129
Your Reference	-----	TP53	TP53	TP54	TP55	TP56
Composite Reference	-----	-	-	-	-	-
Depth		0-0.2	0.2-0.4	0-0.15	0.1-0.4	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	3/05/2011	3/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	8	9	9	9	9



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Metals in Soil by ICP-OES						
Our Reference:	UNITS	SE87477A-131	SE87477A-133	SE87477A-135	SE87477A-136	SE87477A-138
Your Reference	-----	TP57	TP58	TP59	TP59	TP60
Composite Reference	-----	-	-	-	-	-
Depth		0-0.1	0-0.15	0-0.1	0.1-0.4	0-0.1
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		3/05/2011	3/05/2011	3/05/2011	3/05/2011	3/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	8	11	8	9	8

Metals in Soil by ICP-OES					
Our Reference:	UNITS	SE87477A-139	SE87477A-154	SE87477A-161	SE87477A-170
Your Reference	-----	TP60	TP67	TP70	TP74
Composite Reference	-----	-	-	-	-
Depth		0.1-0.4	0.1-0.4	0.15-0.4	0.2-0.5
Sample Matrix		Soil	Soil	Soil	Soil
Date Sampled		3/05/2011	4/05/2011	4/05/2011	2/05/2011
Date Extracted (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011
Date Analysed (Metals)		18/05/2011	18/05/2011	18/05/2011	18/05/2011
Arsenic	mg/kg	8	7	6	8

Metals in water by ICP-OES					
Our Reference:	UNITS	SE87477A-186	SE87477A-187	SE87477A-188	SE87477A-189
Your Reference	-----	Rinsate R1	Rinsate R2	Rinsate R3	Rinsate R4
Composite Reference	-----	-	-	-	-
Depth		-	-	-	-
Sample Matrix		Water	Water	Water	Water
Date Sampled		2/05/2011	3/05/2011	4/05/2011	5/05/2011
Date Extracted (Metals)		17/05/2011	17/05/2011	17/05/2011	17/05/2011
Date Analysed (Metals)		17/05/2011	17/05/2011	17/05/2011	17/05/2011
Arsenic (Dissolved)	mg/L	<0.05	<0.05	<0.05	<0.05
Lead (Dissolved)	mg/L	[NA]	[NA]	[NA]	<0.02
Zinc (Dissolved)	mg/L	[NA]	[NA]	[NA]	<0.010

Moisture						
Our Reference:	UNITS	SE87477A-3	SE87477A-5	SE87477A-7	SE87477A-9	SE87477A-10
Your Reference	-----	TP2	TP3	TP4	TP5	TP5
Composite Reference	-----	-	-	-	-	-
Depth		0-0.15	0-0.15	0-0.15	0-0.15	0.2-0.3
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Analysed (moisture)		17/05/2011	17/05/2011	17/05/2011	17/05/2011	17/05/2011
Moisture	%	23	18	17	18	10

Moisture						
Our Reference:	UNITS	SE87477A-11	SE87477A-12	SE87477A-13	SE87477A-14	SE87477A-15
Your Reference	-----	TP6	TP6	TP7	TP7	TP8
Composite Reference	-----	-	-	-	-	-
Depth		0-0.15	0.2-0.3	0-0.15	0.2-0.3	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Analysed (moisture)		17/05/2011	17/05/2011	17/05/2011	17/05/2011	17/05/2011
Moisture	%	8	12	19	16	19

Moisture						
Our Reference:	UNITS	SE87477A-16	SE87477A-18	SE87477A-19	SE87477A-27	SE87477A-30
Your Reference	-----	TP8	TP9	TP9	TP13	TP14
Composite Reference	-----	-	-	-	-	-
Depth		0.2-0.5	0.15-0.4	0.4-0.7	0-0.15	0.2-0.5
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	2/05/2011	2/05/2011	2/05/2011	2/05/2011
Date Analysed (moisture)		17/05/2011	17/05/2011	17/05/2011	17/05/2011	17/05/2011
Moisture	%	10	12	11	14	10

Moisture						
Our Reference:	UNITS	SE87477A-38	SE87477A-40	SE87477A-41	SE87477A-42	SE87477A-44
Your Reference	-----	TP17	TP18	TP18	TP18	TP19
Composite Reference	-----	-	-	-	-	-
Depth		0-0.1	0-0.15	0.15-0.45	0.9-1.2	0-0.15
Sample Matrix		Soil	Soil	Soil	Soil	Soil
Date Sampled		5/05/2011	5/05/2011	5/05/2011	5/05/2011	5/05/2011
Date Analysed (moisture)		17/05/2011	17/05/2011	17/05/2011	17/05/2011	17/05/2011
Moisture	%	12	17	11	16	29