

Asbestos			
Our Reference:	UNITS	05/1926-25	05/1926-26
Your Reference	-----	TP7	TP7 Asb-1
Depth	-----	0.4-0.6	-
Date Sampled		17/08/05	17/08/05
Type of sample		Soil	Soil
Sample Description		20g sand & rocks	50x50x5mm fibre cement sheet
Asbestos ID in materials		[NA]	Chrysotile asbestos detected
Asbestos ID in soil		No asbestos detected	[NA]

vTPH & BTEX in Water			
Our Reference:	UNITS	05/1926-40	05/1926-41
Your Reference	-----	Trip spike	Trip blank
Depth	-----	-	-
Date Sampled		17/08/05	17/08/05
Type of sample		Water	Water
Date extracted	--	24/08/2005	24/08/2005
Date analysed	--	24/08/2005	24/08/2005
Benzene	µg/L	90%	<1.0
Toluene	µg/L	81%	<1.0
Ethylbenzene	µg/L	87%	<1.0
m+p-xylene	µg/L	81%	<2.0
o-xylene	µg/L	83%	<1.0
Surrogate chlorobenzene-d5	%	118	103

Method ID	Methodology Summary
GC.16	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
GC.14	Soil samples extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
GC.3	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
GC.12	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
Metals.20	Determination of various metals by ICP-AES.
Metals.21	Determination of Mercury by Cold Vapour AAS.
LAB.8	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
ASB.1	Qualitative identification of asbestos type fibres in bulk using Polarised Light Microscopy and Dispersion Staining Techniques. Accreditation does not cover the identification of Synthetic Mineral Fibre.
GC.13	Water samples are analysed directly by purge and trap GC-MS.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery
vTPH & BTEX in Soil								
vTPH C6 - C9	mg/kg	25	GC.16	<25	05/1926-1 1	<25 <25	05/1926-1 2	107%
Benzene	mg/kg	1	GC.14	<1.0	05/1926-1 1	<1.0 <1.0	05/1926-1 2	101%
Toluene	mg/kg	1	GC.14	<1.0	05/1926-1 1	1.6 1.6 RPD: 0	05/1926-1 2	124%
Ethylbenzene	mg/kg	1	GC.14	<1.0	05/1926-1 1	<1.0 <1.0	05/1926-1 2	96%
m + p-Xylene	mg/kg	2	GC.14	<2.0	05/1926-1 1	<2.0 <2.0	05/1926-1 2	110%
o-Xylene	mg/kg	1	GC.14	<1.0	05/1926-1 1	<1.0 <1.0	05/1926-1 2	104%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery
sTPH in Soil (C10-C36)								
TPH C10 - C14	mg/kg	50	GC.3	<50	[NT]	[NT]	Control	64%
TPH C15 - C26	mg/kg	100	GC.3	<100	[NT]	[NT]	Control	62%
TPH C27 - C36	mg/kg	100	GC.3	<100	[NT]	[NT]	Control	66%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery
PAHs in Soil								
Naphthalene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	126%
Acenaphthylene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Acenaphthene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Fluorene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	127%
Phenanthrene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	128%
Anthracene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Fluoranthene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	128%
Pyrene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	133%
Benzo(a)anthracene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Chrysene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	127%
Benzo(b,k)fluoranthene	mg/kg	0.2	GC.12	<0.20	[NT]	[NT]	Control	[NT]
Benzo(a)pyrene	mg/kg	0.05	GC.12	<0.050	[NT]	[NT]	Control	130%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Dibenzo(a,h)anthracene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]
Benzo(g,h,i)perylene	mg/kg	0.1	GC.12	<0.10	[NT]	[NT]	Control	[NT]