APPENDIX II

CHEMICAL TESTING RESULTS

Scientific Analysis Laboratories

Report Number:	107871-1
Date of Report:	02-Aug-2007
Client:	Resource Environmental Consultants Ltd, Osprey House, Pacific Quay, Broadway, Salford. M50 2UE
Client Contact:	Ms Jayne Carrick
Client Job Reference:	42731
Client Site Reference:	Maxi Haulage Oldham Rd
Date Job Received at SAL:	26-Jul-2007
Date Analysis Started:	27-Jul-2007
Date Analysis Completed:	02-Aug-2007

The results reported relate to samples received at the laboratory
Opinions and interpretations expressed herein are outside the scope of UKAS or MCERTS accreditation
This report should not be reproduced except in full without the written approval of the laboratory
Tests covered by this certificate were conducted in accordance with SAL SOPs

Key to symbols used in this report:
W: Analysis was performed at another SAL Laboratory
S: Analysis was sub-contracted
N: Analysis is not UKAS accredited
U: Analysis is UKAS accredited
M: Analysis is MCERTS accredited

Report checked and authorised by: Miss Debra Hau, Project Manager

UKAS TESTING
1549

Group

Index to caveats used in this report

Value	Description
AR	As Received
-	Not Required
3	LOD Raised Due to Elevated Blank
13	Results have been blank corrected.

SAL Reference: 107871
Project Site: Maxi Haulage Oldham Rd
Customer Reference: 42731

Water Analysed as Water
Water suite 3

				SAL Reference	**107871 001**	**107871 002**	**107871 003**
				Customer Sample Reference	**WS105**	**WS106**	**WS108**
				Test Sample	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**			
Arsenic (Dissolved)	ICP/MS (Filtered)	0.05	µg/l	N	**7.6**	**14**	**12**
Cadmium (Dissolved)	ICP/MS (Filtered)	0.02	µg/l	N	**0.06**	**0.10**	**0.04**
Chromium (Dissolved)	ICP/MS (Filtered)	1	µg/l	N	**20**	**25**	**13**
Lead (Dissolved)	ICP/MS (Filtered)	0.3	µg/l	N	**0.7**	**0.7**	<0.3
Mercury (Dissolved)	ICP/MS (Filtered)	0.05	µg/l	N	**0.11**	<0.05	<0.05
Selenium (Dissolved)	ICP/MS (Filtered)	0.2	µg/l	N	**2.5**	**2.7**	**2.8**
Boron	ICP/OES	0.01	mg/l	N	**0.57**	**0.24**	**0.25**
Copper (Dissolved)	ICP/MS (Filtered)	0.5	µg/l	N	**1.8**	**6.8**	**1.4**
Nickel (Dissolved)	ICP/MS (Filtered)	1	µg/l	N	**29**	**16**	**11**
Zinc (Dissolved)	ICP/MS (Filtered)	2	µg/l	N	**6**	**44**	**4**
pH	Probe			U	**7.4**	**7.7**	**7.9**
Sulphate (Total)	ICP/OES	50	mg/l	N	**75**	**200**	**290**
Sulphide	Colorimetry	0.05	mg/l	N	<0.05	<0.05	<0.05
Cyanide (Total)	Colorimetry	0.05	mg/l	U	<0.05	<0.05	<0.05
Phenols (Total-Mono)	Colorimetry	0.1	mg/l	N	<0.1	<0.1	<0.1

SAL Reference: 107871
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Water Analysed as Water
Total and Speciated USEPA16 PAH

					SAL Reference	107871 001	107871 002	107871 003
					Customer Sample Reference	WS105	WS106	WS108
					Test Sample	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
Naphthalene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.10**	[3,13] <0.05	[13] **0.13**
Acenaphthylene	GC/MS (SIR)	0.01	µg/l	U	[3,13] <0.05	[3,13] <0.05	[3,13] <0.05
Acenaphthene	GC/MS (SIR)	0.01	µg/l	U	[3,13] <0.05	[3,13] <0.05	[13] **0.06**
Fluorene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.09**	[3,13] <0.05	[13] **0.07**
Phenanthrene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.27**	[3,13] <0.05	[13] **0.14**
Anthracene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.06**	[3,13] <0.05	[3,13] <0.05
Fluoranthene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.13**	[3,13] <0.05	[13] **0.06**
Pyrene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.27**	[13] **0.07**	[13] **0.11**
Benzo(a)Anthracene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.07**	[3,13] <0.05	[3,13] <0.05
Chrysene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.08**	[3,13] <0.05	[3,13] <0.05
Benzo(b/k)Fluoranthene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.18**	[13] **0.13**	[13] **0.12**
Benzo(a)Pyrene	GC/MS (SIR)	0.01	µg/l	U	[13] **0.09**	[3,13] <0.05	[13] **0.05**
Indeno(123-cd)Pyrene	GC/MS (SIR)	0.01	µg/l	U	[3,13] <0.05	[3,13] <0.05	[3,13] <0.05
Dibenzo(ah)Anthracene	GC/MS (SIR)	0.01	µg/l	U	[3,13] <0.05	[3,13] <0.05	[3,13] <0.05
Benzo(ghi)Perylene	GC/MS (SIR)	0.01	µg/l	U	[3,13] <0.05	[3,13] <0.05	[3,13] <0.05
Polyaromatic Hydrocarbons (Total)	GC/MS (SIR)	0.01	µg/l	U	[13] **1.3**	[13] **0.20**	[13] **0.76**

SAL Reference: 107871
Project Site: Maxi Haulage Oldham Rd
Customer Reference: 42731

Water Analysed as Water
TPH

				SAL Reference	**107871 001**	**107871 002**	**107871 003**
				Customer Sample Reference	**WS105**	**WS106**	**WS108**
				Test Sample	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**			
Total Petroleum Hydrocarbons	GC/FID	0.1	mg/l	U	**0.7**	<0.1	**0.1**

SAL Reference: 107871
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Water Analysed as Water
PCBs EC7 congeners(28,52,101,118,138,153,180)

					SAL Reference	107871 001	107871 002	107871 003
					Customer Sample Reference	WS105	WS106	WS108
					Test Sample	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
Polychlorinated biphenyl BZ#101	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	GC/MS (HR)	0.005	µg/l	U		<0.005	<0.005	<0.005

SAL Reference: 107871
Project Site: Maxi Haulage Oldham Rd
Customer Reference: 42731

Water Analysed as Water
Volatile Organic Compounds (USEPA 624)

	SAL Reference	107871 001	107871 002	107871 003
	Customer Sample Reference	WS105	WS106	WS108
	Test Sample	-	-	-

Determinant	Technique	LOD	Units	Symbol			
1,1,1,2-Tetrachloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1,1-Trichloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1,2,2-Tetrachloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1,2-Trichloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1,2-Trichloroethylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1-Dichloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1-Dichloroethylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,1-Dichloropropene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2,3-Trichloropropane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2,4-Trimethylbenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2-dibromoethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2-Dichlorobenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2-Dichloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,2-Dichloropropane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,3,5-Trimethylbenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,3-Dichlorobenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,3-Dichloropropane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
1,4-Dichlorobenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
2,2-Dichloropropane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
2-Chlorotoluene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
4-Chlorotoluene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Benzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Bromobenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Bromochloromethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Bromodichloromethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Bromoform	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Bromomethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Carbon tetrachloride	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Chlorobenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Chlorodibromomethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Chloroethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Chloroform	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Chloromethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
cis-1,2-Dichloroethylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
cis-1,3-Dichloropropene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Dibromomethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
EthylBenzene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Meta/Para-Xylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Ortho-Xylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Styrene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Tetrachloroethylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Toluene	GC/MS (Headspace)	1	µg/l	U	(3)<2	(3)<2	(3)<2
trans-1,2-Dichloroethylene	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1

SAL Reference: 107871
Project Site: Maxi Haulage Oldham Rd
Customer Reference: 42731

Water Analysed as Water
Volatile Organic Compounds (USEPA 624)

				SAL Reference	**107871 001**	**107871 002**	**107871 003**
				Customer Sample Reference	**WS105**	**WS106**	**WS108**
				Test Sample	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**			
Trichlorofluoromethane	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1
Vinyl chloride monomer	GC/MS (Headspace)	1	µg/l	U	<1	<1	<1

SAL Reference: 107871
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Customer Reference: 42731

Water Analysed as Water
Semi-Volatile Organic Compounds (USEPA 625)

				SAL Reference	107871 001	107871 002	107871 003	107871 004
				Customer Sample Reference	WS105	WS106	WS108	BLANK
				Test Sample	-	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
1,2,4-Trichlorobenzene	GC/MS	10	µg/l	U	<10	<10	<10	<10
1,2-Dichlorobenzene	GC/MS	10	µg/l	U	<10	<10	<10	<10
1,3-Dichlorobenzene	GC/MS	10	µg/l	U	<10	<10	<10	<10
1,4-Dichlorobenzene	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4,5-Trichlorophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4,6-Trichlorophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4-Dichlorophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4-Dimethylphenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4-Dinitrophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,4-Dinitrotoluene	GC/MS	10	µg/l	U	<10	<10	<10	<10
2,6-Dinitrotoluene	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-Chloronaphthalene	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-Chlorophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-methyl phenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-Methylnaphthalene	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-Nitroaniline	GC/MS	10	µg/l	U	<10	<10	<10	<10
2-Nitrophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
3-Nitroaniline	GC/MS	10	µg/l	U	<10	<10	<10	<10
3/4-Methylphenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Bromophenyl phenylether	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Chloro-3-methylphenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Chloroaniline	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Chlorophenyl phenylether	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Nitroaniline	GC/MS	10	µg/l	U	<10	<10	<10	<10
4-Nitrophenol	GC/MS	10	µg/l	U	<10	<10	<10	<10
Acenaphthene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Acenaphthylene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Anthracene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Azobenzene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Benzo(a)Anthracene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Benzo(a)Pyrene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Benzo(b/k)Fluoranthene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Benzo(ghi)Perylene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Bis (2-chloroethoxy) methane	GC/MS	10	µg/l	U	<10	<10	<10	<10
Bis (2-chloroethyl) ether	GC/MS	10	µg/l	U	<10	<10	<10	<10
Bis (2-chloroisopropyl) ether	GC/MS	10	µg/l	U	<10	<10	<10	<10
Bis (2-ethylhexyl)phthalate	GC/MS	10	µg/l	U	<10	<10	<10	<10
Butyl benzylphthalate	GC/MS	10	µg/l	U	<10	<10	<10	<10
Carbazole	GC/MS	10	µg/l	U	<10	<10	<10	<10
Chrysene	GC/MS	10	µg/l	U	<10	<10	<10	<10
Di-n-butylphthalate	GC/MS	10	µg/l	U	<10	<10	<10	<10
Di-n-octylphthalate	GC/MS	10	µg/l	U	<10	<10	<10	<10

SAL Reference: 107871
Project Site: Maxi Haulage Oldham Rd
Customer Reference: 42731

Water Analysed as Water
Semi-Volatile Organic Compounds (USEPA 625)

					SAL Reference	107871 001	107871 002	107871 003	107871 004
					Customer Sample Reference	WS105	WS106	WS108	BLANK
					Test Sample	-	-	-	-
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Dibenzo(ah)Anthracene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Dibenzofuran	GC/MS	10	µg/l	U		<10	<10	<10	<10
Diethyl phthalate	GC/MS	10	µg/l	U		<10	<10	<10	<10
Dimethyl phthalate	GC/MS	10	µg/l	U		<10	<10	<10	<10
Fluoranthene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Fluorene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Hexachlorobenzene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Hexachlorobutadiene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Hexachlorocyclopentadiene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Hexachloroethane	GC/MS	10	µg/l	U		<10	<10	<10	<10
Indeno(123-cd)Pyrene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Isophorone	GC/MS	10	µg/l	U		<10	<10	<10	<10
Naphthalene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Nitrobenzene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Pentachlorophenol	GC/MS	10	µg/l	U		<10	<10	<10	<10
Phenanthrene	GC/MS	10	µg/l	U		<10	<10	<10	<10
Phenol	GC/MS	10	µg/l	U		<10	<10	<10	<10
Pyrene	GC/MS	10	µg/l	U		<10	<10	<10	<10

Scientific Analysis Laboratories

Report Number:	107232-1
Date of Report:	26-Jul-2007
Client:	Resource Environmental Consultants Ltd, Osprey House, Pacific Quay, Broadway, Salford. M50 2UE
Client Contact:	Ms Jayne Carrick
Client Job Reference:	42731
Client Site Reference:	Maxi Haulage
Date Job Received at SAL:	18-Jul-2007
Date Analysis Started:	20-Jul-2007
Date Analysis Completed:	26-Jul-2007

The results reported relate to samples received at the laboratory
Opinions and interpretations expressed herein are outside the scope of UKAS or MCERTS accreditation
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Tests covered by this certificate were conducted in accordance with SAL SOPs

Key to symbols used in this report:
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S: Analysis was sub-contracted
N: Analysis is not UKAS accredited
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M: Analysis is MCERTS accredited

Report checked and authorised by: Miss Debra Hau, Project Manager

1549 Group 1549

Index to caveats used in this report

Value	Description
ND	Not Detected
AR	As Received
A105	Air Dried 105C
A40	Air Dried <40C
3	LOD Raised Due to Elevated Blank
9	LOD raised due to dilution of sample
33	Sample is outside the scope of MCERTS accreditation. Results are UKAS only

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
REC Ltd 001S M

				SAL Reference	**107232 001**	**107232 001**	**107232 003**	**107232 003**	**107232 004**
				Customer Sample Reference	**WS101A 0.3**	**WS101A 0.3**	**WS103 0.4**	**WS103 0.4**	**WS104 0.3**
				Test Sample	**AR**	**A40**	**AR**	**A40**	**AR**
				Type	**Fill**	**Fill**	**Clay**	**Clay**	**Fill**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.3**	**0.3**	**0.4**	**0.4**	**0.3**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Arsenic	ICP/OES	2.0	mg/kg	U	-	(33) **3.0**	-	-	-
Arsenic	ICP/OES	2	mg/kg	M	-	-	-	**10**	-
Cadmium	ICP/OES	1.0	mg/kg	U	-	(33) <1.0	-	-	-
Cadmium	ICP/OES	1	mg/kg	M	-	-	-	<1	-
Chromium	ICP/OES	1.0	mg/kg	U	-	(33) **16**	-	-	-
Chromium	ICP/OES	1	mg/kg	M	-	-	-	**31**	-
Lead	ICP/OES	1.0	mg/kg	U	-	(33) **16**	-	-	-
Lead	ICP/OES	1	mg/kg	M	-	-	-	**65**	-
Mercury	ICP/OES	1.0	mg/kg	U	-	(33) <1.0	-	-	-
Mercury	ICP/OES	1	mg/kg	M	-	-	-	<1	-
Selenium	ICP/OES	2.0	mg/kg	U	-	(33) <2.0	-	-	-
Selenium	ICP/OES	2	mg/kg	M	-	-	-	<2	-
Boron	ICP/OES	1	mg/kg	N	<1	-	<1	-	<1
Copper	ICP/OES	1.0	mg/kg	U	-	(33) **8.2**	-	-	-
Copper	ICP/OES	1	mg/kg	M	-	-	-	**33**	-
Nickel	ICP/OES	1.0	mg/kg	U	-	(33) **15**	-	-	-
Nickel	ICP/OES	1	mg/kg	M	-	-	-	**25**	-
Zinc	ICP/OES	1.0	mg/kg	U	-	(33) **48**	-	-	-
Zinc	ICP/OES	1	mg/kg	M	-	-	-	**77**	-
pH	Probe			U	(33) **8.8**	-	-	-	(33) **9.1**
pH	Probe			M	-	-	**9.4**	-	-
Sulphate (Total)	ICP/OES	0.01	%	N	-	**0.05**	-	**0.19**	-
Sulphate(2:1)	ICP/OES	0.1	g/l	N	<0.1	-	<0.1	-	<0.1
Sulphur (Free)	Grav	500	mg/kg	N	-	<500	-	<500	-
Sulphide	Colorimetry	10	mg/kg	N	<10	-	<10	-	<10
Cyanide (Total)	Colorimetry	1	mg/kg	U	<1	-	<1	-	<1
Phenols (Total-Mono)	Colorimetry	1	mg/kg	U	<1	-	<1	-	<1

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				SAL Reference	**107232 004**	**107232 005**	**107232 005**	**107232 006**	**107232 006**
				Customer Sample Reference	**WS104 0.3**	**WS105 0.7**	**WS105 0.7**	**WS106 0.4**	**WS106 0.4**
				Test Sample	**A40**	**AR**	**A40**	**AR**	**A40**
				Type	**Fill**	**Fill**	**Fill**	**Fill**	**Fill**
				Date Sampled	**16-JUL-2007**	**17-JUL-2007**	**17-JUL-2007**	**17-JUL-2007**	**17-JUL-2007**
				Depth	**0.3**	**0.7**	**0.7**	**0.4**	**0.4**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Arsenic	ICP/OES	2.0	mg/kg	U	(33) **3.5**	-	(33) **43**	-	(33) **32**
Arsenic	ICP/OES	2	mg/kg	M	-	-	-	-	-
Cadmium	ICP/OES	1.0	mg/kg	U	(33) <1.0	-	(33) **1.2**	-	(33) **1.0**
Cadmium	ICP/OES	1	mg/kg	M	-	-	-	-	-
Chromium	ICP/OES	1.0	mg/kg	U	(33) **21**	-	(33) **31**	-	(33) **50**
Chromium	ICP/OES	1	mg/kg	M	-	-	-	-	-
Lead	ICP/OES	1.0	mg/kg	U	(33) **21**	-	(33) **440**	-	(33) **2300**
Lead	ICP/OES	1	mg/kg	M	-	-	-	-	-
Mercury	ICP/OES	1.0	mg/kg	U	(33) <1.0	-	(33) **1.4**	-	(33) <1.0
Mercury	ICP/OES	1	mg/kg	M	-	-	-	-	-
Selenium	ICP/OES	2.0	mg/kg	U	(33) <2.0	-	(33) <2.0	-	(33) <2.0
Selenium	ICP/OES	2	mg/kg	M	-	-	-	-	-
Boron	ICP/OES	1	mg/kg	N	-	<1	-	<1	-
Copper	ICP/OES	1.0	mg/kg	U	(33) **9.2**	-	(33) **210**	-	(33) **110**
Copper	ICP/OES	1	mg/kg	M	-	-	-	-	-
Nickel	ICP/OES	1.0	mg/kg	U	(33) **19**	-	(33) **69**	-	(33) **26**
Nickel	ICP/OES	1	mg/kg	M	-	-	-	-	-
Zinc	ICP/OES	1.0	mg/kg	U	(33) **47**	-	(33) **310**	-	(33) **960**
Zinc	ICP/OES	1	mg/kg	M	-	-	-	-	-
pH	Probe			U	-	(33) **8.2**	-	(33) **8.7**	-
pH	Probe			M	-	-	-	-	-
Sulphate (Total)	ICP/OES	0.01	%	N	**0.04**	-	**0.40**	-	**0.56**
Sulphate(2:1)	ICP/OES	0.1	g/l	N	-	<0.1	-	<0.1	-
Sulphur (Free)	Grav	500	mg/kg	N	<500	-	<500	-	<500
Sulphide	Colorimetry	10	mg/kg	N	-	<10	-	<10	-
Cyanide (Total)	Colorimetry	1	mg/kg	U	-	**2**	-	<1	-
Phenols (Total-Mono)	Colorimetry	1	mg/kg	U	-	<1	-	<1	-

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				SAL Reference	107232 007	107232 007	107232 008	107232 008	107232 010
				Customer Sample Reference	WS107 0.4	WS107 0.4	WS108 0.5	WS108 0.5	TP101 0.6
				Test Sample	AR	A40	AR	A40	AR
				Type	Fill	Fill	Sand	Sand	Sand
				Date Sampled	17-JUL-2007	17-JUL-2007	17-JUL-2007	17-JUL-2007	16-JUL-2007
				Depth	0.4	0.4	0.5	0.5	0.6
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Arsenic	ICP/OES	2.0	mg/kg	U	-	(33) 6.9	-	-	-
Arsenic	ICP/OES	2	mg/kg	M	-	-	-	92	-
Cadmium	ICP/OES	1.0	mg/kg	U	-	(33) <1.0	-	-	-
Cadmium	ICP/OES	1	mg/kg	M	-	-	-	1	-
Chromium	ICP/OES	1.0	mg/kg	U	-	(33) 20	-	-	-
Chromium	ICP/OES	1	mg/kg	M	-	-	-	100	-
Lead	ICP/OES	1.0	mg/kg	U	-	(33) 86	-	-	-
Lead	ICP/OES	1	mg/kg	M	-	-	-	14000	-
Mercury	ICP/OES	1.0	mg/kg	U	-	(33) <1.0	-	-	-
Mercury	ICP/OES	1	mg/kg	M	-	-	-	<1	-
Selenium	ICP/OES	2.0	mg/kg	U	-	(33) <2.0	-	-	-
Selenium	ICP/OES	2	mg/kg	M	-	-	-	<2	-
Boron	ICP/OES	1	mg/kg	N	<1	-	<1	-	<1
Copper	ICP/OES	1.0	mg/kg	U	-	(33) 18	-	-	-
Copper	ICP/OES	1	mg/kg	M	-	-	-	730	-
Nickel	ICP/OES	1.0	mg/kg	U	-	(33) 10	-	-	-
Nickel	ICP/OES	1	mg/kg	M	-	-	-	180	-
Zinc	ICP/OES	1.0	mg/kg	U	-	(33) 100	-	-	-
Zinc	ICP/OES	1	mg/kg	M	-	-	-	1700	-
pH	Probe			U	(33) 12.3	-	-	-	-
pH	Probe			M	-	-	7.7	-	10.7
Sulphate (Total)	ICP/OES	0.01	%	N	-	0.78	-	1.3	-
Sulphate(2:1)	ICP/OES	0.1	g/l	N	<0.1	-	1.1	-	0.2
Sulphur (Free)	Grav	500	mg/kg	N	-	<500	-	<500	-
Sulphide	Colorimetry	10	mg/kg	N	<10	-	<10	-	<10
Cyanide (Total)	Colorimetry	1	mg/kg	U	<1	-	<1	-	<1
Phenols (Total-Mono)	Colorimetry	1	mg/kg	U	<1	-	<1	-	<1

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				SAL Reference	**107232 010**	**107232 015**	**107232 015**	**107232 016**	**107232 016**
				Customer Sample Reference	**TP101 0.6**	**TP106 0.5**	**TP106 0.5**	**TP109 0.8**	**TP109 0.8**
				Test Sample	**A40**	**AR**	**A40**	**AR**	**A40**
				Type	**Sand**	**Sand**	**Sand**	**Clay**	**Clay**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.6**	**0.5**	**0.5**	**0.8**	**0.8**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Arsenic	ICP/OES	2.0	mg/kg	U	-	-	-	-	-
Arsenic	ICP/OES	2	mg/kg	M	**35**	-	**12**	-	**26**
Cadmium	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Cadmium	ICP/OES	1	mg/kg	M	**1**	-	<1	-	<1
Chromium	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Chromium	ICP/OES	1	mg/kg	M	**25**	-	**19**	-	**33**
Lead	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Lead	ICP/OES	1	mg/kg	M	**500**	-	**120**	-	**250**
Mercury	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Mercury	ICP/OES	1	mg/kg	M	<1	-	<1	-	<1
Selenium	ICP/OES	2.0	mg/kg	U	-	-	-	-	-
Selenium	ICP/OES	2	mg/kg	M	<2	-	<2	-	<2
Boron	ICP/OES	1	mg/kg	N	-	<1	-	<1	-
Copper	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Copper	ICP/OES	1	mg/kg	M	**130**	-	**37**	-	**120**
Nickel	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Nickel	ICP/OES	1	mg/kg	M	**40**	-	**17**	-	**53**
Zinc	ICP/OES	1.0	mg/kg	U	-	-	-	-	-
Zinc	ICP/OES	1	mg/kg	M	**480**	-	**140**	-	**790**
pH	Probe			U	-	-	-	-	-
pH	Probe			M	-	**10.8**	-	**8.0**	-
Sulphate (Total)	ICP/OES	0.01	%	N	**0.60**	-	**0.63**	-	**0.31**
Sulphate(2:1)	ICP/OES	0.1	g/l	N	-	<0.1	-	<0.1	-
Sulphur (Free)	Grav	500	mg/kg	N	<500	-	<500	-	<500
Sulphide	Colorimetry	10	mg/kg	N	-	<10	-	<10	-
Cyanide (Total)	Colorimetry	1	mg/kg	U	-	<1	-		-
Phenols (Total-Mono)	Colorimetry	1	mg/kg	U	-	<1	-	<1	-

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				SAL Reference	**107232 001**	**107232 003**	**107232 004**	**107232 005**	**107232 006**
				Customer Sample Reference	**WS101A 0.3**	**WS103 0.4**	**WS104 0.3**	**WS105 0.7**	**WS106 0.4**
				Test Sample	**A105**	**A105**	**A105**	**A105**	**A105**
				Type	**Fill**	**Clay**	**Fill**	**Fill**	**Fill**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**17-JUL-2007**	**17-JUL-2007**
				Depth	**0.3**	**0.4**	**0.3**	**0.7**	**0.4**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(9,33)<1.0	(33)<0.1
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Acenaphthylene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1	(9)<1.0	<0.1
Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	**0.2**	<0.1	<0.1	**2.0**	**0.1**
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.2**	-	(33)<0.1	(9,33)<1.0	(33)**0.6**
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.1**	-	-	-
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.1**	-	(33)<0.1	(9,33)<1.0	(33)**0.5**
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.2**	-	(33)<0.1	(9,33)<1.0	(33)**1.0**
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.1**	-	-	-
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(9,33)<1.0	(33)**0.2**
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.2**	-	(33)<0.1	(9,33)<1.0	(33)**0.6**
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.1**	-	-	-
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(9,33)<1.0	(33)<0.1
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.5**	-	(33)<0.1	(33)**1.8**	(33)**1.2**
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.2**	-	-	-
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(33)**7.5**	(33)<0.1
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(9,33)<1.0	(33)**0.2**
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)<0.1	-	(33)<0.1	(33)**1.8**	(33)**0.4**
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	-	-	-
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.6**	-	(33)<0.1	(33)**12**	(33)**0.6**
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.2**	-	-	-
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	(33)**0.5**	-	(33)<0.1	(33)**2.9**	(33)**1.4**
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	**0.4**	-	-	-
Polyaromatic Hydrocarbons (Total)	GC/MS(MCERTS)	0.1	mg/kg	U	**2.5**	**1.1**	<0.1	**28**	**6.8**

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PAH (USEPA 16) (SVOC 625)

					SAL Reference	107232 007	107232 008	107232 010	107232 015	107232 016
					Customer Sample Reference	WS107 0.4	WS108 0.5	TP101 0.6	TP106 0.5	TP109 0.8
					Test Sample	A105	A105	A105	A105	A105
					Type	Fill	Sand	Sand	Sand	Clay
					Date Sampled	17-JUL-2007	17-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007
					Depth	0.4	0.5	0.6	0.5	0.8
Determinant	**Technique**	**LOD**	**Units**	**Symbol**						
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	0.9	0.6	1.6
Acenaphthylene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1	<0.1	0.6
Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	0.2	1.5	1.7	7.0
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	0.7	3.3	5.4	9.4
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	0.5	2.4	3.9	6.3
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	1.0	4.7	7.7	11
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	M	-	0.2	0.9	1.4	1.6
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	M	-	0.7	3.4	5.4	9.6
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	0.2	0.3	0.5
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	1.4	7.8	11	22
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	M	-	<0.1	0.5	0.3	3.1
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	0.1	0.8	1.3	1.3
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	M	-	1.8	0.2	0.6	0.3
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	1.0	4.9	4.3	19
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	[33]<0.1	-	-	-	-
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	1.3	7.3	14	23
Polyaromatic Hydrocarbons (Total)	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	8.9	39	58	120

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					SAL Reference	107232 002	107232 003	107232 010	107232 011	107232 012
					Customer Sample Reference	WS102 0.8	WS103 0.4	TP101 0.6	TP102 0.6	TP103 0.7
					Test Sample	A105	A105	A105	A105	A105
					Type	Fill	Clay	Sand	Fill	Clay
					Date Sampled	16-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007
					Depth	0.8	0.4	0.6	0.6	0.7
Determinant	**Technique**	**LOD**	**Units**	**Symbol**						
Total Petroleum Hydrocarbons	GC/FID	1.0	mg/kg	U	(33) **120**	-	-	(33) **97**	-
Total Petroleum Hydrocarbons	GC/FID	1	mg/kg	M	-	(3) <4	**190**	-	**38**

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Total Petroleum Hydrocarbons (C5-C35 aliphatic/aromatic)

				SAL Reference	107232 005	107232 013	107232 014	107232 015	107232 016
				Customer Sample Reference	WS105 0.7	TP104 0.6	TP105 0.7	TP106 0.5	TP109 0.8
				Test Sample	AR	AR	AR	AR	AR
				Type	Fill	Fill	Clay	Sand	Clay
				Date Sampled	17-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007
				Depth	0.7	0.6	0.7	0.5	0.8
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Total Petroleum Hydrocarbons (C5 - C6 aliphatic)	GC/MS (Headspace)	0.010	mg/kg	N	<0.010	**0.013**	<0.010	<0.010	<0.010
Total Petroleum Hydrocarbons (C6-C8 aliphatic)	GC/MS (Headspace)	0.010	mg/kg	N	**0.032**	**0.11**	<0.010	<0.010	<0.010
Total Petroleum Hydrocarbons (C8-C10 aliphatic)	GC/MS (Headspace)	0.010	mg/kg	N	**0.83**	**0.99**	<0.010	<0.010	<0.010
Total Petroleum Hydrocarbons (C10-C12 aliphatic)	GC/FID	1	mg/kg	N	**120**	**3**	<1	[9]<10	**3**
Total Petroleum Hydrocarbons (C12-C16 aliphatic)	GC/FID	1	mg/kg	N	**1800**	**53**	**4**	**60**	**22**
Total Petroleum Hydrocarbons (C16-C21 aliphatic)	GC/FID	1	mg/kg	N	**3200**	**120**	**13**	**180**	**35**
Total Petroleum Hydrocarbons (C21-C35 aliphatic)	GC/FID	1	mg/kg	N	**1200**	**45**	**42**	**400**	**130**
Total Petroleum Hydrocarbons (Aliphatic) total	Calculation		mg/kg	N	**6300**	**220**	**59**	**640**	**190**
Total Petroleum Hydrocarbons (C6 - C7 aromatic)	GC/MS (Headspace)	0.010	mg/kg	N	<0.010	<0.010	<0.010	<0.010	<0.010

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Soil Analysed as Soil
Total Petroleum Hydrocarbons (C5-C35 aliphatic/aromatic)

				SAL Reference	**107232 005**	**107232 013**	**107232 014**	**107232 015**	**107232 016**
				Customer Sample Reference	**WS105 0.7**	**TP104 0.6**	**TP105 0.7**	**TP106 0.5**	**TP109 0.8**
				Test Sample	**AR**	**AR**	**AR**	**AR**	**AR**
				Type	**Fill**	**Fill**	**Clay**	**Sand**	**Clay**
				Date Sampled	**17-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.7**	**0.6**	**0.7**	**0.5**	**0.8**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Total Petroleum Hydrocarbons (C7-C8 aromatic)	GC/MS (Headspace)	0.010	mg/kg	N	<0.010	<0.010	<0.010	<0.010	<0.010
Total Petroleum Hydrocarbons (C8-C10 aromatic)	GC/MS (Headspace)	0.010	mg/kg	N	**0.17**	**0.11**	<0.010	<0.010	<0.010
Total Petroleum Hydrocarbons (C10-C12 aromatic)	GC/FID	1	mg/kg	N	**36**	<1	<1	[9]<10	<1
Total Petroleum Hydrocarbons (C12-C16 aromatic)	GC/FID	1	mg/kg	N	**820**	**13**	**1**	**15**	**7**
Total Petroleum Hydrocarbons (C16-C21 aromatic)	GC/FID	1	mg/kg	N	**1300**	**44**	**5**	**110**	**40**
Total Petroleum Hydrocarbons (C21-C35 aromatic)	GC/FID	1	mg/kg	N	**420**	**26**	**17**	**350**	**130**
Total Petroleum Hydrocarbons (Aromatic) total	Calculation		mg/kg	N	**2600**	**83**	**23**	**480**	**180**

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Soil Analysed as Soil
Miscellaneous

				SAL Reference	107232 001	107232 003	107232 004	107232 005	107232 005	107232 006
				Customer Sample Reference	WS101A 0.3	WS103 0.4	WS104 0.3	WS105 0.7	WS105 0.7	WS106 0.4
				Test Sample	AR	AR	AR	AR	A40	AR
				Type	Fill	Clay	Fill	Fill	Fill	Fill
				Date Sampled	16-JUL-2007	16-JUL-2007	16-JUL-2007	17-JUL-2007	17-JUL-2007	17-JUL-2007
				Depth	0.3	0.4	0.3	0.7	0.7	0.4
Determinant	**Technique**	**LOD**	**Units**	**Symbol**						
Asbestos (Screen Only)	Visual			N	ND	ND	ND	ND	-	ND
Total Organic Carbon	OX/IR	0.1	%	N	-	-	-	-	13	-

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Soil Analysed as Soil
Miscellaneous

				SAL Reference	107232 007	107232 008	107232 009	107232 010	107232 015	107232 016
				Customer Sample Reference	WS107 0.4	WS108 0.5	WS108 2.0	TP101 0.6	TP106 0.5	TP109 0.8
				Test Sample	AR	AR	A40	AR	AR	AR
				Type	Fill	Sand	Clay	Sand	Sand	Clay
				Date Sampled	17-JUL-2007	17-JUL-2007	17-JUL-2007	16-JUL-2007	16-JUL-2007	16-JUL-2007
				Depth	0.4	0.5	2.0	0.6	0.5	0.8
Determinant	**Technique**	**LOD**	**Units**	**Symbol**						
Asbestos (Screen Only)	Visual			N	ND	ND	-	ND	ND	ND
Total Organic Carbon	OX/IR	0.1	%	N	-	-	1.0	-	-	-

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Soil Analysed as Soil
PCB EC7

					SAL Reference	**107232 003**	**107232 007**	**107232 014**
					Customer Sample Reference	**WS103 0.4**	**WS107 0.4**	**TP105 0.7**
					Test Sample	**A105**	**A105**	**A105**
					Type	**Clay**	**Fill**	**Clay**
					Date Sampled	**16-JUL-2007**	**17-JUL-2007**	**16-JUL-2007**
					Depth	**0.4**	**0.4**	**0.7**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
Polychlorinated biphenyl BZ#28	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#28	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**0.08**
Polychlorinated biphenyl BZ#52	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#52	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**0.44**
Polychlorinated biphenyl BZ#101	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#101	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**1.0**
Polychlorinated biphenyl BZ#118	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#118	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**1.3**
Polychlorinated biphenyl BZ#153	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#153	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**0.88**
Polychlorinated biphenyl BZ#138	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#138	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**1.2**
Polychlorinated biphenyl BZ#180	GC/MS (HR)	0.05	µg/kg	U		-	(33)<0.05	-
Polychlorinated biphenyl BZ#180	GC/MS (HR)	0.05	µg/kg	M		<0.05	-	**0.88**

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Soil Analysed as Soil
Semi-Volatile Organic Compounds (USEPA 625)

					SAL Reference	**107232 002**	**107232 011**	**107232 013**
					Customer Sample Reference	**WS102 0.8**	**TP102 0.6**	**TP104 0.6**
					Test Sample	**A105**	**A105**	**A105**
					Type	**Fill**	**Fill**	**Fill**
					Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
					Depth	**0.8**	**0.6**	**0.6**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
1,2,4-Trichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) **0.1**
1,2,4-Trichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
1,2-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
1,2-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
1,3-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
1,3-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
1,4-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
1,4-Dichlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2,4,5-Trichlorophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2,4,6-Trichlorophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2,4-Dichlorophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2,4-Dimethylphenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2,4-Dinitrophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2,4-Dinitrotoluene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
2,4-Dinitrotoluene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2,6-Dinitrotoluene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
2-Chloronaphthalene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
2-Chloronaphthalene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2-Chlorophenol	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
2-Chlorophenol	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2-methyl phenol	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
2-methyl phenol	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2-Methylnaphthalene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) **0.2**	(33) **1.4**
2-Methylnaphthalene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2-Nitroaniline	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
2-Nitroaniline	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
2-Nitrophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
3-Nitroaniline	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
3/4-Methylphenol	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
3/4-Methylphenol	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
4-Bromophenyl phenylether	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
4-Bromophenyl phenylether	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
4-Chloro-3-methylphenol	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
4-Chloro-3-methylphenol	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
4-Chloroaniline	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
4-Chlorophenyl phenylether	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
4-Chlorophenyl phenylether	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
4-Nitroaniline	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
4-Nitrophenol	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1

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Soil Analysed as Soil
Semi-Volatile Organic Compounds (USEPA 625)

					SAL Reference	**107232 002**	**107232 011**	**107232 013**
					Customer Sample Reference	**WS102 0.8**	**TP102 0.6**	**TP104 0.6**
					Test Sample	**A105**	**A105**	**A105**
					Type	**Fill**	**Fill**	**Fill**
					Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
					Depth	**0.8**	**0.6**	**0.6**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Acenaphthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Acenaphthylene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	**0.2**
Azobenzene	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
Azobenzene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.2**	(33) **0.7**	(33) **1.3**
Benzo(a)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.3**	(33) **0.9**	(33) **1.1**
Benzo(a)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.4**	(33) **1.4**	(33) **1.9**
Benzo(b/k)Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.2**	(33) **0.4**	(33) **0.4**
Benzo(ghi)Perylene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Bis (2-chloroethoxy) methane	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Bis (2-chloroethoxy) methane	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Bis (2-chloroethyl) ether	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Bis (2-chloroethyl) ether	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Bis (2-chloroisopropyl) ether	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Bis (2-chloroisopropyl) ether	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Bis (2-ethylhexyl)phthalate	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.2**	(33) <0.1	(33) **0.3**
Bis (2-ethylhexyl)phthalate	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Butyl benzylphthalate	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
Carbazole	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	**0.1**	<0.1
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.3**	(33) **0.8**	(33) **1.9**
Chrysene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Di-n-butylphthalate	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Di-n-butylphthalate	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Di-n-octylphthalate	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Di-n-octylphthalate	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) <0.1	(33) <0.1
Dibenzo(ah)Anthracene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Dibenzofuran	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) **0.1**	(33) **0.3**
Dibenzofuran	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Diethyl phthalate	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
Dimethyl phthalate	GC/MS(MCERTS)	0.1	mg/kg	U	<0.1	<0.1	<0.1
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) **0.6**	(33) **1.9**	(33) **2.1**
Fluoranthene	GC/MS(MCERTS)	0.1	mg/kg	M	-	-	-
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	U	(33) <0.1	(33) **0.1**	(33) **0.3**

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Soil Analysed as Soil
Semi-Volatile Organic Compounds (USEPA 625)

					SAL Reference	107232 002	107232 011	107232 013
					Customer Sample Reference	WS102 0.8	TP102 0.6	TP104 0.6
					Test Sample	A105	A105	A105
					Type	Fill	Fill	Fill
					Date Sampled	16-JUL-2007	16-JUL-2007	16-JUL-2007
					Depth	0.8	0.6	0.6
Determinant	**Technique**	**LOD**	**Units**	**Symbol**				
Fluorene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Hexachlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) <0.1	(33) <0.1
Hexachlorobenzene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Hexachlorobutadiene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) <0.1	(33) <0.1
Hexachlorobutadiene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Hexachlorocyclopentadiene	GC/MS(MCERTS)	0.1	mg/kg	U		<0.1	<0.1	<0.1
Hexachloroethane	GC/MS(MCERTS)	0.1	mg/kg	U		<0.1	<0.1	<0.1
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) **0.3**	(33) **0.3**
Indeno(123-cd)Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Isophorone	GC/MS(MCERTS)	0.1	mg/kg	U		<0.1	<0.1	<0.1
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) **0.3**	(33) **1.2**
Naphthalene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Nitrobenzene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) <0.1	(33) <0.1
Nitrobenzene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Pentachlorophenol	GC/MS(MCERTS)	0.1	mg/kg	U		<0.1	<0.1	<0.1
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) **0.3**	(33) **1.6**
Phenanthrene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Phenol	GC/MS(MCERTS)	0.1	mg/kg	U		(33) <0.1	(33) <0.1	(33) <0.1
Phenol	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	U		(33) **0.6**	(33) **1.9**	(33) **2.7**
Pyrene	GC/MS(MCERTS)	0.1	mg/kg	M		-	-	-

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Soil Analysed as Soil

Volatile Organic Compounds (USEPA 624) (MCERTS)

SAL Reference	**107232 002**	**107232 011**	**107232 013**
Customer Sample Reference	**WS102 0.8**	**TP102 0.6**	**TP104 0.6**
Test Sample	**A105**	**A105**	**A105**
Type	**Fill**	**Fill**	**Fill**
Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
Depth	**0.8**	**0.6**	**0.6**

Determinant	Technique	LOD	Units	Symbol			
1,1,1,2-Tetrachloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1,1-Trichloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1,2,2-Tetrachloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1,2-Trichloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1-Dichloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1-Dichloroethylene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,1-Dichloropropene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2,3-Trichloropropane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2,4-Trimethylbenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2-dibromoethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2-Dichlorobenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2-Dichloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,2-Dichloropropane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,3,5-Trimethylbenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,3-Dichlorobenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,3-Dichloropropane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
1,4-Dichlorobenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
2,2-Dichloropropane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
2-Chlorotoluene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
4-Chlorotoluene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Benzene	GC/MS(Head Space)(MCERTS)	10	µg/kg	U	(33) <10	(33) <10	(33) **55**

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
Volatile Organic Compounds (USEPA 624) (MCERTS)

				SAL Reference	**107232 002**	**107232 011**	**107232 013**
				Customer Sample Reference	**WS102 0.8**	**TP102 0.6**	**TP104 0.6**
				Test Sample	**A105**	**A105**	**A105**
				Type	**Fill**	**Fill**	**Fill**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.8**	**0.6**	**0.6**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**			
Bromobenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Bromochloromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Bromodichloromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Bromoform	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Bromomethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Carbon tetrachloride	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Chlorobenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Chlorodibromomethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Chloroethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Chloroform	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Chloromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
cis-1,2-Dichloroethylene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
cis-1,3-Dichloropropene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Dibromomethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
dichlorodifluoromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Dichloromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<300	(33)<300	(33)<300
EthylBenzene	GC/MS(Head Space)(MCERTS)	10	µg/kg	U	(33)<10	(33)<10	(33)**13**
Isopropyl benzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Meta/Para-Xylene	GC/MS(Head Space)(MCERTS)	10	µg/kg	U	(33)<10	(33)<10	(33)<10
n-Propylbenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33)<50	(33)<50	(33)<50
Ortho-Xylene	GC/MS(Head Space)(MCERTS)	10	µg/kg	U	(33)<10	(33)<10	(33)<10

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
Volatile Organic Compounds (USEPA 624) (MCERTS)

SAL Reference	**107232 002**	**107232 011**	**107232 013**
Customer Sample Reference	**WS102 0.8**	**TP102 0.6**	**TP104 0.6**
Test Sample	**A105**	**A105**	**A105**
Type	**Fill**	**Fill**	**Fill**
Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
Depth	**0.8**	**0.6**	**0.6**

Determinant	Technique	LOD	Units	Symbol			
p-Isopropyltoluene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
sec-Butylbenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Styrene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
tert-Butylbenzene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Tetrachloroethylene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Toluene	GC/MS(Head Space)(MCERTS)	10	µg/kg	U	(33) <12	(33) <12	(33) <12
trans-1,2-Dichloroethylene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
trans-1,3-Dichloropropene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Trichloroethylene	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Trichlorofluoromethane	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50
Vinyl chloride monomer	GC/MS(Head Space)(MCERTS)	50	µg/kg	U	(33) <50	(33) <50	(33) <50

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
MCERTS Preparation

				SAL Reference	**107232 001**	**107232 002**	**107232 003**	**107232 004**	**107232 005**
				Customer Sample Reference	**WS101A 0.3**	**WS102 0.8**	**WS103 0.4**	**WS104 0.3**	**WS105 0.7**
				Test Sample	**AR**	**AR**	**AR**	**AR**	**AR**
				Type	**Fill**	**Fill**	**Clay**	**Fill**	**Fill**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**17-JUL-2007**
				Depth	**0.3**	**0.8**	**0.4**	**0.3**	**0.7**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Moisture @ 105 C	Grav (1 Dec) (105 C)	0.1	%	N	**6.1**	**8.7**	**15**	**6.1**	**24**
Moisture	Grav (1 Dec) (40 C)	0.1	%	N	**4.3**	**7.0**	**18**	**3.1**	**20**

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
MCERTS Preparation

				SAL Reference	**107232 006**	**107232 007**	**107232 008**	**107232 010**	**107232 011**
				Customer Sample Reference	**WS106 0.4**	**WS107 0.4**	**WS108 0.5**	**TP101 0.6**	**TP102 0.6**
				Test Sample	**AR**	**AR**	**AR**	**AR**	**AR**
				Type	**Fill**	**Fill**	**Sand**	**Sand**	**Fill**
				Date Sampled	**17-JUL-2007**	**17-JUL-2007**	**17-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.4**	**0.4**	**0.5**	**0.6**	**0.6**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Moisture @ 105 C	Grav (1 Dec) (105 C)	0.1	%	N	**19**	**2.5**	**16**	**14**	**17**
Moisture	Grav (1 Dec) (40 C)	0.1	%	N	**16**	**2.9**	**16**	**12**	**10**

SAL Reference: 107232
Project Site: Maxi Haulage
Customer Reference: 42731

Soil Analysed as Soil
MCERTS Preparation

				SAL Reference	**107232 012**	**107232 013**	**107232 014**	**107232 015**	**107232 016**
				Customer Sample Reference	**TP103 0.7**	**TP104 0.6**	**TP105 0.7**	**TP106 0.5**	**TP109 0.8**
				Test Sample	**AR**	**AR**	**AR**	**AR**	**AR**
				Type	**Clay**	**Fill**	**Clay**	**Sand**	**Clay**
				Date Sampled	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**	**16-JUL-2007**
				Depth	**0.7**	**0.6**	**0.7**	**0.5**	**0.8**
Determinant	**Technique**	**LOD**	**Units**	**Symbol**					
Moisture @ 105 C	Grav (1 Dec) (105 C)	0.1	%	N	**21**	**18**	**16**	**13**	**17**
Moisture	Grav (1 Dec) (40 C)	0.1	%	N	**20**	**20**	**15**	**12**	**16**

APPENDIX III

GEOTECHNICAL TESTING RESULTS

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LABORATORY REPORT

RECEIVED
15 AUG 2007

UKAS TESTING

4043

Contract Number: PSL07/1750

Client's Reference: Report Date: 13 August 2007

Client Name: REC
Osprey House
Pacific Quay
Broadway
Manchester
M50 2UE

For the attention of: Stuart Roberts

Contract Title: Former Maxi Haulage Site, Oldham Road

Date Received: 1-Aug-07
Date Commenced: 1-Aug-07
Date Completed: 13-Aug-07

Notes: **Observations and Interpretations are outside the UKAS Accreditation**

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced in full without the prior written approval of the laboratory.

Approved Signatories:

R Gunson (Director)
A Watkins (Director)
D Lambe (Senior Technician)

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SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Borehole Number	Sample Number	Depth m	Description of Sample
WS102		3.00-3.20	Hard brown slightly gravelly slightly sandy CLAY.
WS102		5.00-5.20	Very stiff brown slightly sandy CLAY.
WS104		4.00-4.20	Brown slightly gravelly slightly sandy CLAY.
WS105		4.00-4.20	Hard brown slightly gravelly sandy CLAY.
WS106		3.00-3.20	Hard brown slightly gravelly sandy CLAY.
WS107		3.00-3.20	Hard brown slightly gravelly sandy CLAY.
WS108		3.00-3.20	Stiff brown slightly sandy CLAY.

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Compiled by	Date	Checked by	Date	Approved by	Date
	13/8/07		13/8/07		13/8/07

FORMER MAXI HAULAGE SITE, OLDHAM ROAD.

Contract No: PSL07/1750

Client Ref: 42731

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377 : PART 2 : 1990)

Borehole Number	Sample Number	Depth m	Moisture Content % Clause 3.2	Bulk Density Mg/m^3 Clause 7.2	Dry Density Mg/m^3 Clause 7.2	Particle Density Mg/m^3 Clause 8.	Liquid Limit % Clause 4.3/4.4	Plastic Limit % Clause 5.	Plasticity Index % Clause 5.	% Passing .425mm	Remarks
WS102		3.00-3.20	11				39	18	21	92	Intermediate plasticity CI.
WS104		4.00-4.20	17				41	19	22	94	Intermediate plasticity CI.
WS105		4.00-4.20	15				38	18	20	90	Intermediate plasticity CI.
WS106		3.00-3.20	15				38	18	20	91	Intermediate plasticity CI.

SYMBOLS : NP : Non Plastic * : Liquid Limit and Plastic Limit Wet Sieved.

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Compiled by	Date	Checked by	Date	Approved by	Date
	13/8/07		13/8/07		13/8/07

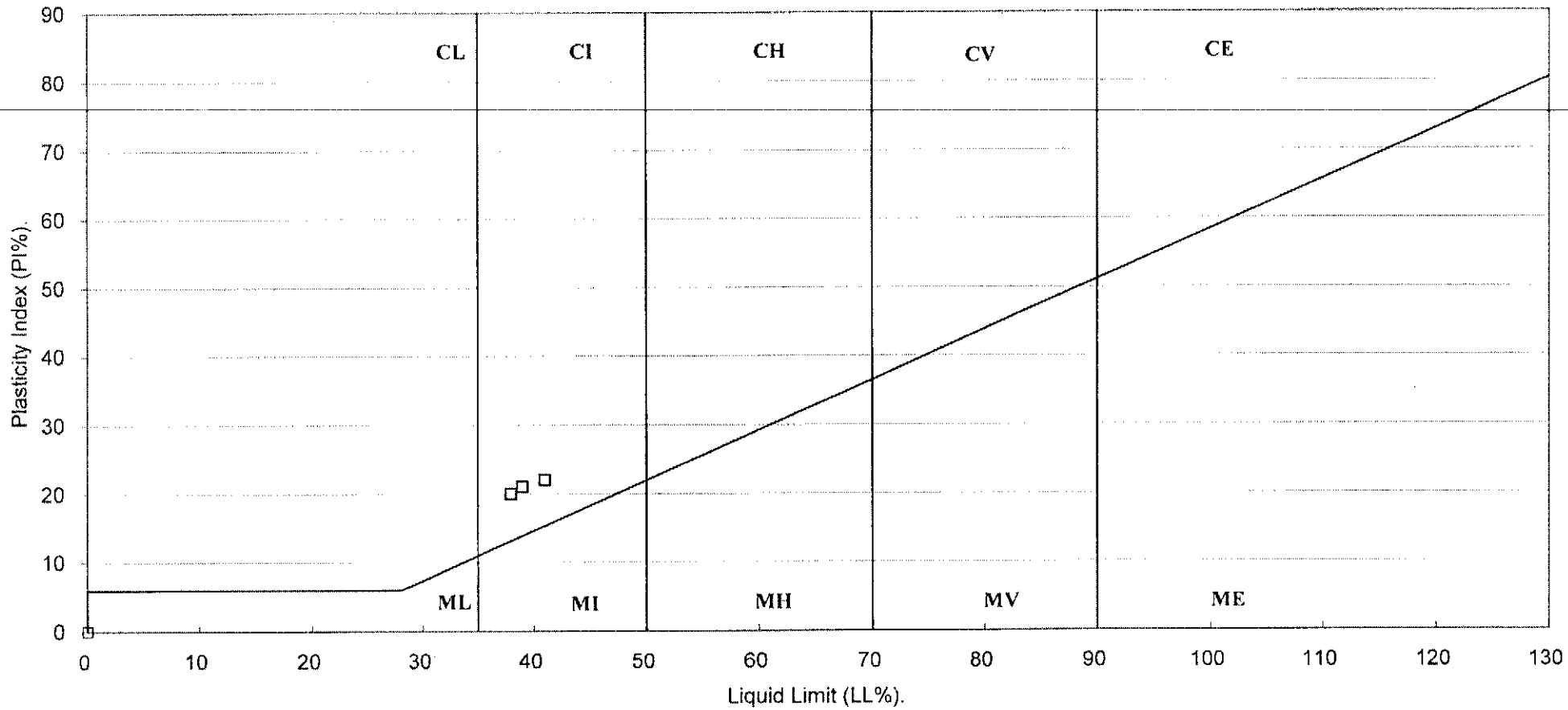
FORMER MAXI HAULAGE SITE, OLDHAM ROAD.

Contract No: PSL07/1750

Client Ref: 42731

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930 : 1999)



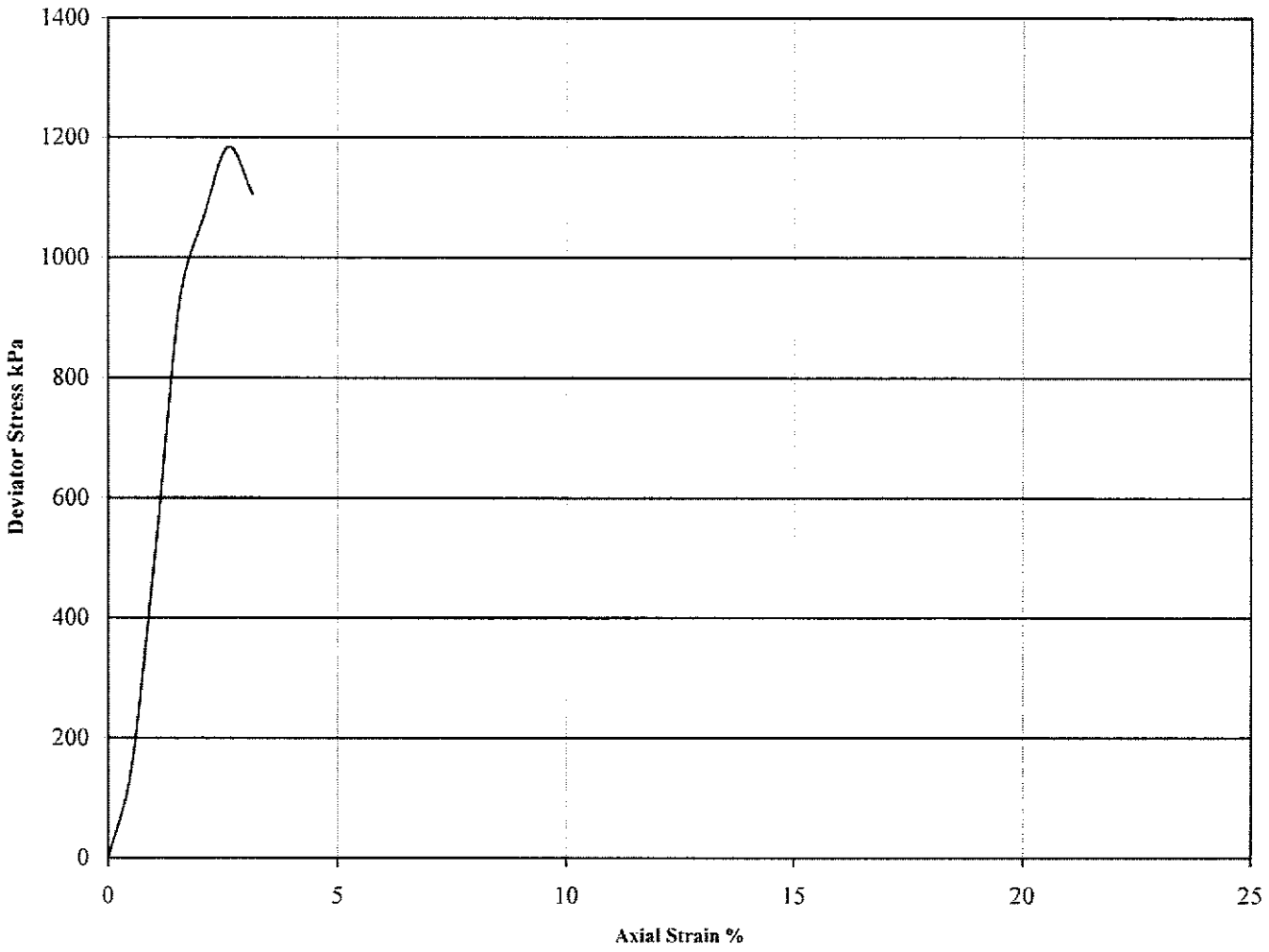
PSL Professional Soils Laboratory	Compiled by	Date	Checked by	Date	Approved by	Date
	[signature]	13/8/07	[signature]	13/8/07	[signature]	13/8/07
	FORMER MAXI HAULAGE SITE, OLDHAM ROAD.				Contract No:	PSL07/1750
					Client Ref:	42731

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS102** Depth (m): **3.00-3.20**



Diameter (mm):		36	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	11	2.25	2.02	160	1183	592	2.6	Brittle	See summary of soil descriptions.
B									
C									

Checked and Approved By Date

13/8/07

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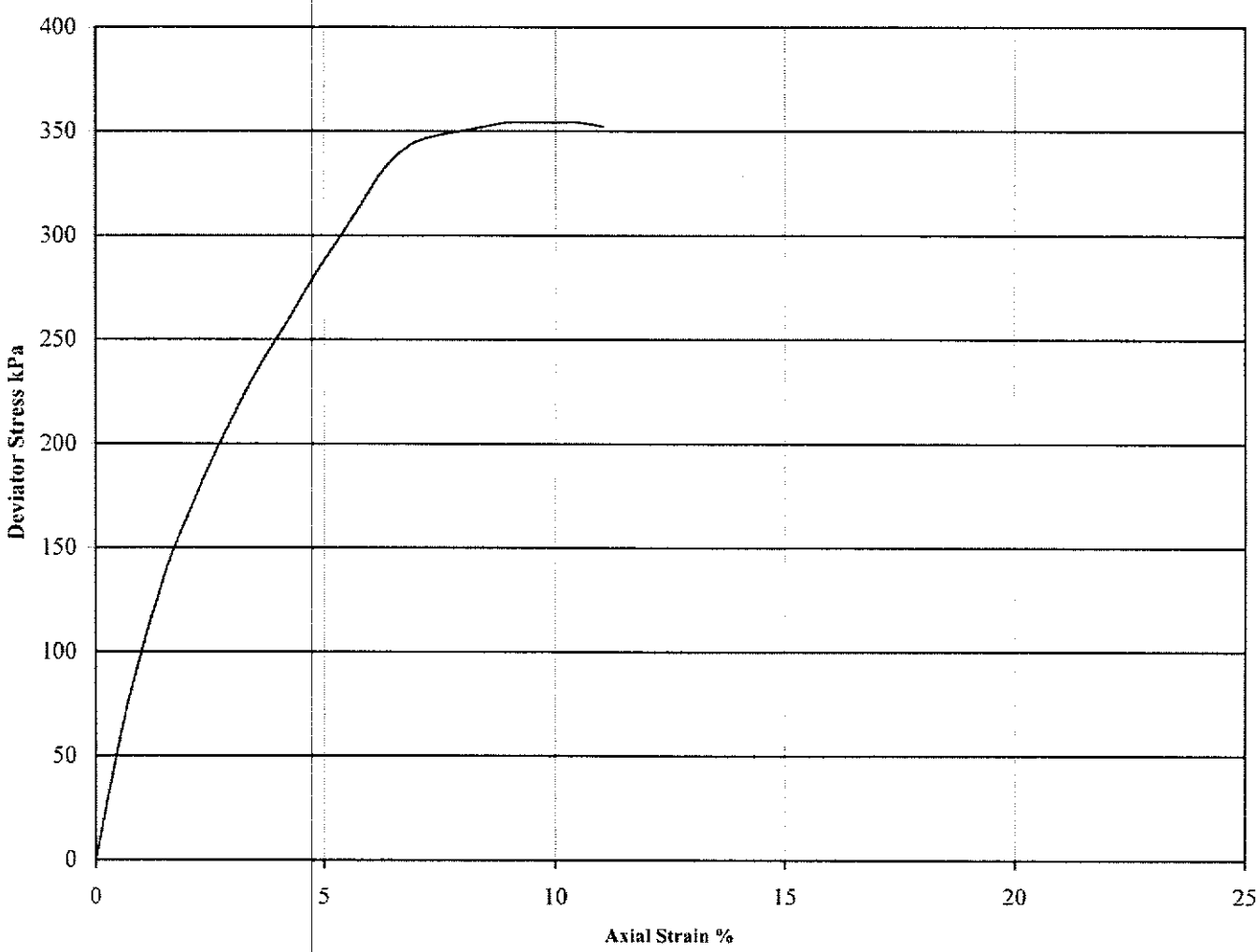
FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No:** **PSL07/1750**

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS102** Depth (m): **5.00-5.20**



Diameter (mm):		38	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	20	2.09	1.74	200	354	177	10.0	Plastic	See summary of soil descriptions.
B									
C									

Checked and Approved By Date 13/8/07

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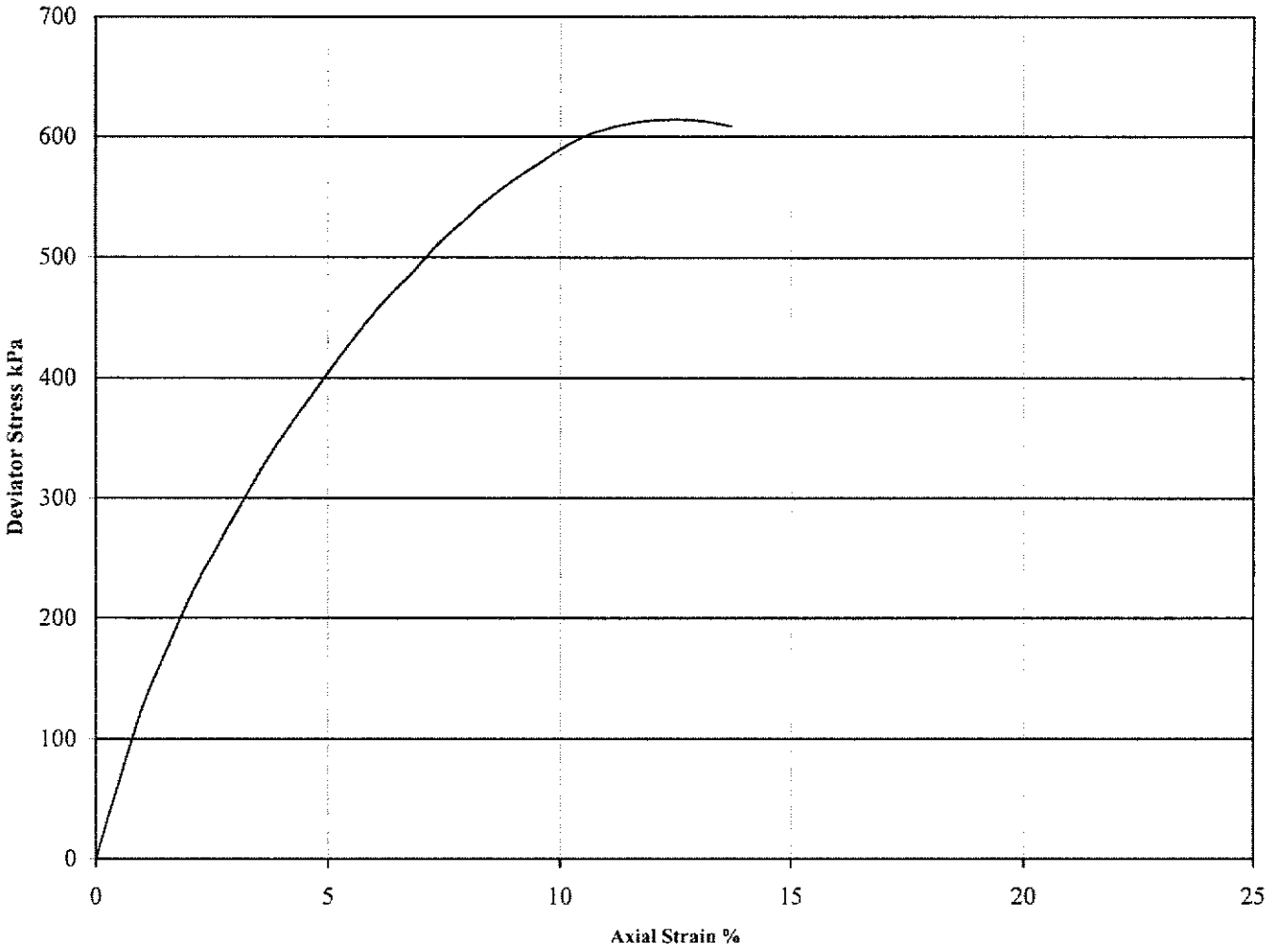
FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No: PSL07/1750**

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS105** Depth (m): **4.00-4.20**



Diameter (mm):		38	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	15	2.09	1.81	100	614	307	12.6	Plastic	See summary of soil descriptions.
B									
C									

Checked and Approved By Date

13/8/07

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Professional Soils Laboratory

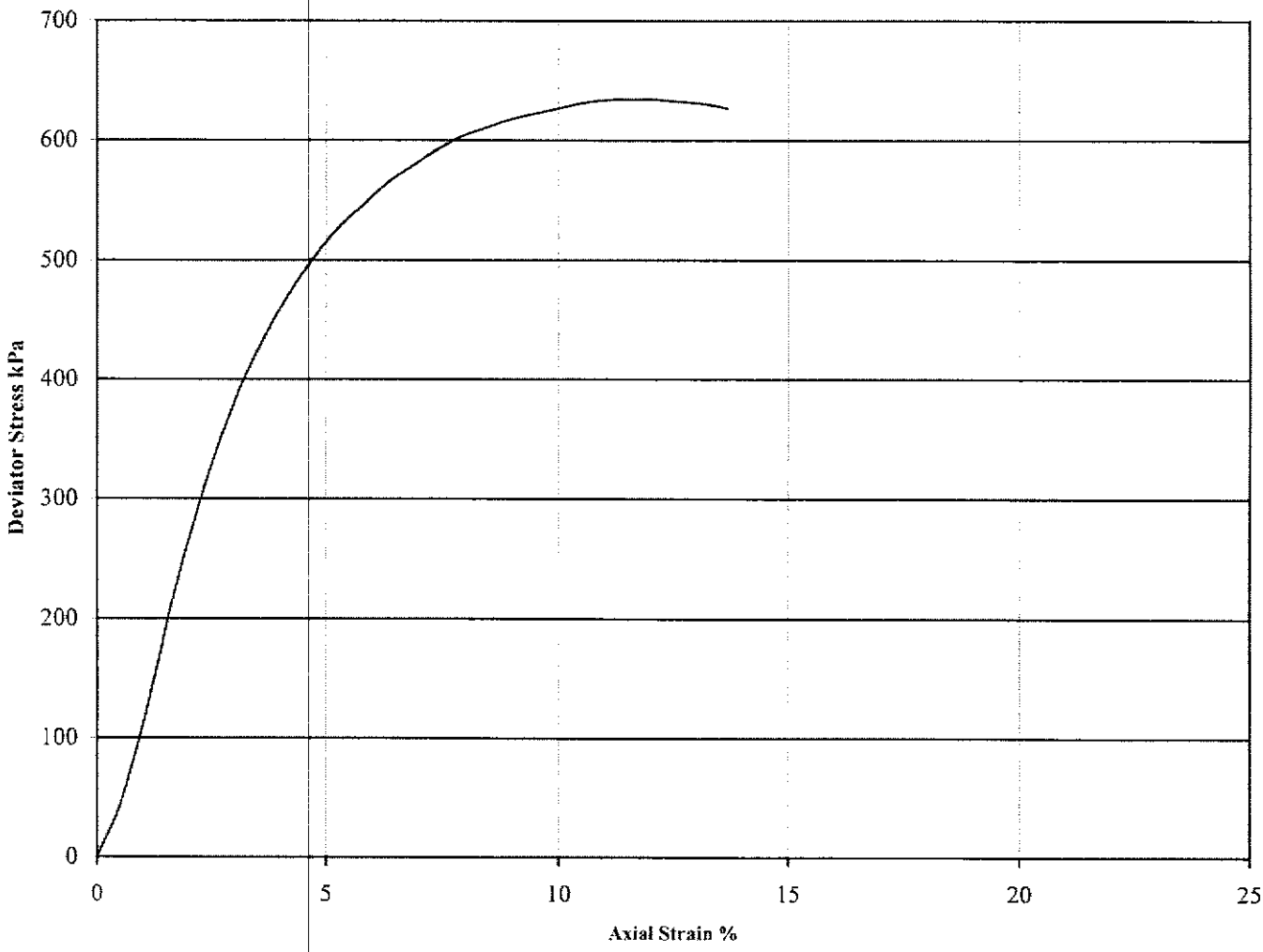
FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No: PSL07/1750**

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS106** Depth (m): **3.00-3.20**



Diameter (mm):		38	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	15	2.12	1.84	100	634	317	12.1	Plastic	See summary of soil descriptions.
B									
C									

Checked and Approved By Date

13/8/07

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Professional Soils Laboratory

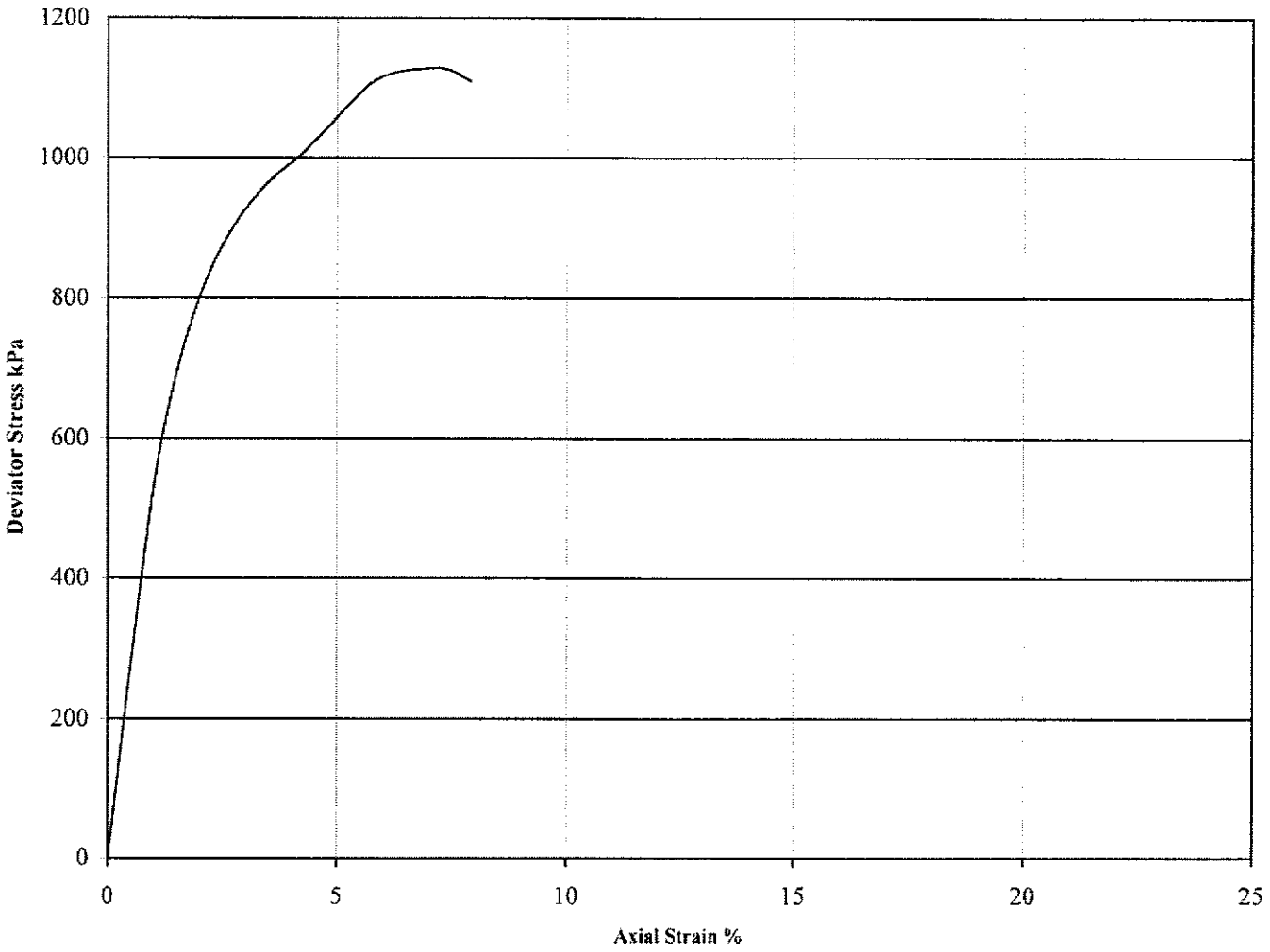
FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No: PSL07/1750**

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS107** Depth (m): **3.00-3.20**



Diameter (mm):		38	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	15	2.19	1.91	100	1128	564	7.4	Brittle	See summary of soil descriptions.
B									
C									

Checked and Approved By Date

13/8/07

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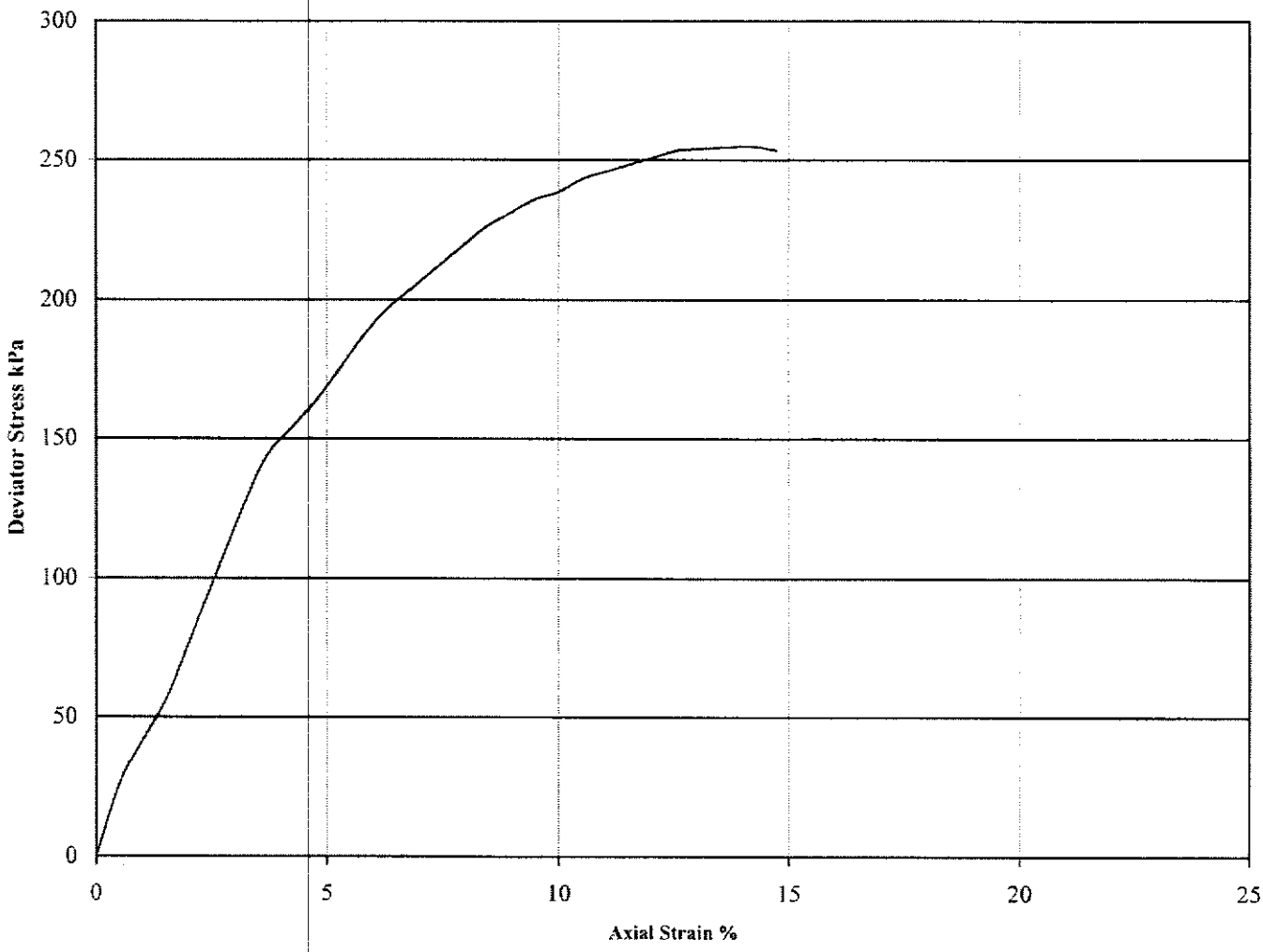
FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No: PSL07/1750**

Undrained Shear Strength in Triaxial Compression

without measurement of Pore Pressure

B.S. 1377 : Part7 : Clause 8 : 1990

Borehole Number: **WS108** Depth (m): **3.00-3.20**



Diameter (mm):		38	Height (mm):		76	Test:	38 mm Single Stage.		
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Deviator Stress (kPa)	Cohesion (kPa)	Failure Strain (%)	Mode of Failure	Remarks
A	18	2.10	1.78	100	255	127	14.2	Plastic	See summary of soil descriptions.
B									
C									

Checked and Approved By Date 13/8/07

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FORMER MAXI HAULAGE SITE, OLDHAM ROAD. **Contract No: PSL07/1750**

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Trial Pit Number	Sample Number	Depth m	Description of Sample
TP102		0.60	MADE GROUND dark brown slightly sandy clayey gravel with some cobbles.
TP103		0.70	MADE GROUND brown very gravelly very sandy clay.
TP105		0.50	MADE GROUND brown slightly sandy slightly clayey gravel with many cobbles.
TP108		0.40	MADE GROUND brown sandy clayey gravel with some cobbles.

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Compiled by	Date	Checked by	Date	Approved by	Date
	13/8/07		13/8/07		13/8/07

FORMER MAXI HAULAGE SITE, OLDHAM ROAD.

Contract No: PSL07/1750

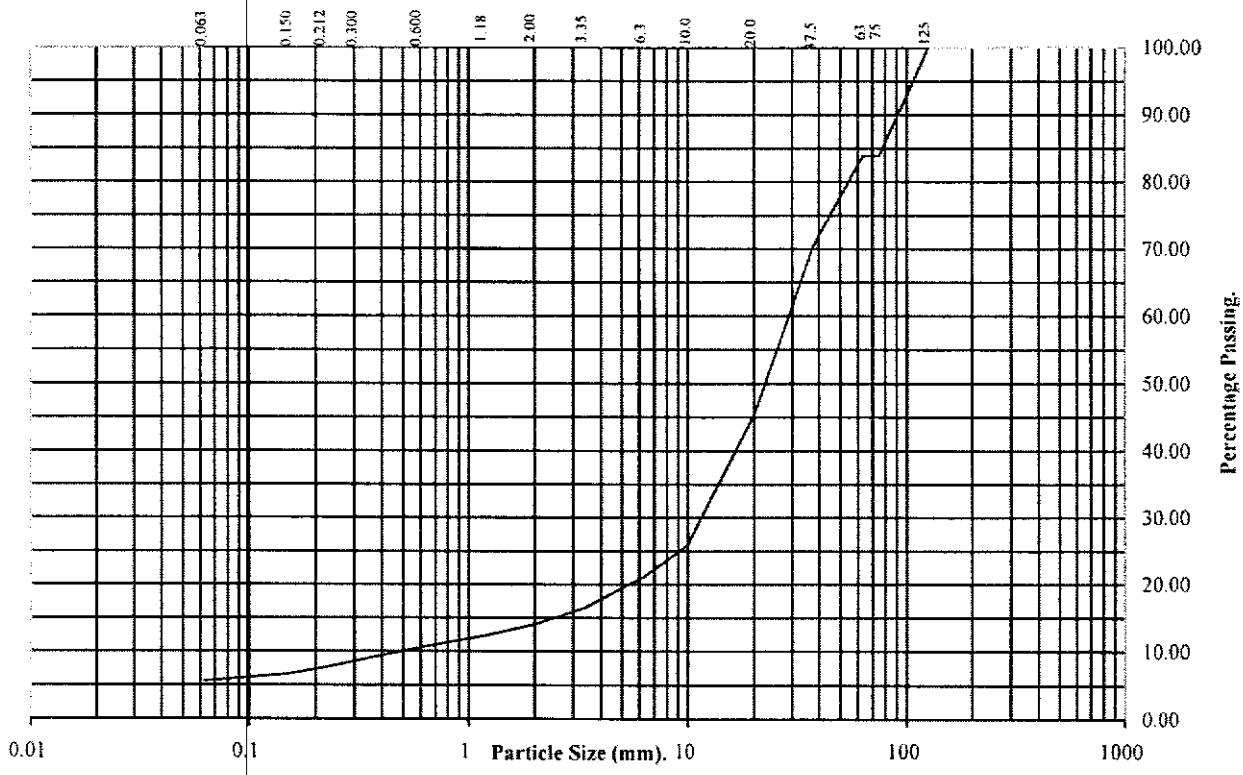
Client Ref: 42731

PARTICLE SIZE DISTRIBUTION TEST

BS1377:Part 2:1990

Wet Sieve: Clause 9.2

Trial Pit /Sample Number: TP102 **Depth (m):** 0.60



BS Test Sieve	Percentage Passing
125	100
75	84
63	84
37.5	70
20	45
10	26
6.3	21
3.35	16
2	14
1.18	12
0.6	11
0.3	9
0.212	7
0.15	7
0.063	6

Soil Fraction	Total Percentage
Cobbles	16
Gravel	70
Sand	8
Silt/Clay	6

Remarks:
See summary of soil descriptions.

Checked By	Date	Approved By	Date
KL	13/8/07	KL	13/8/07

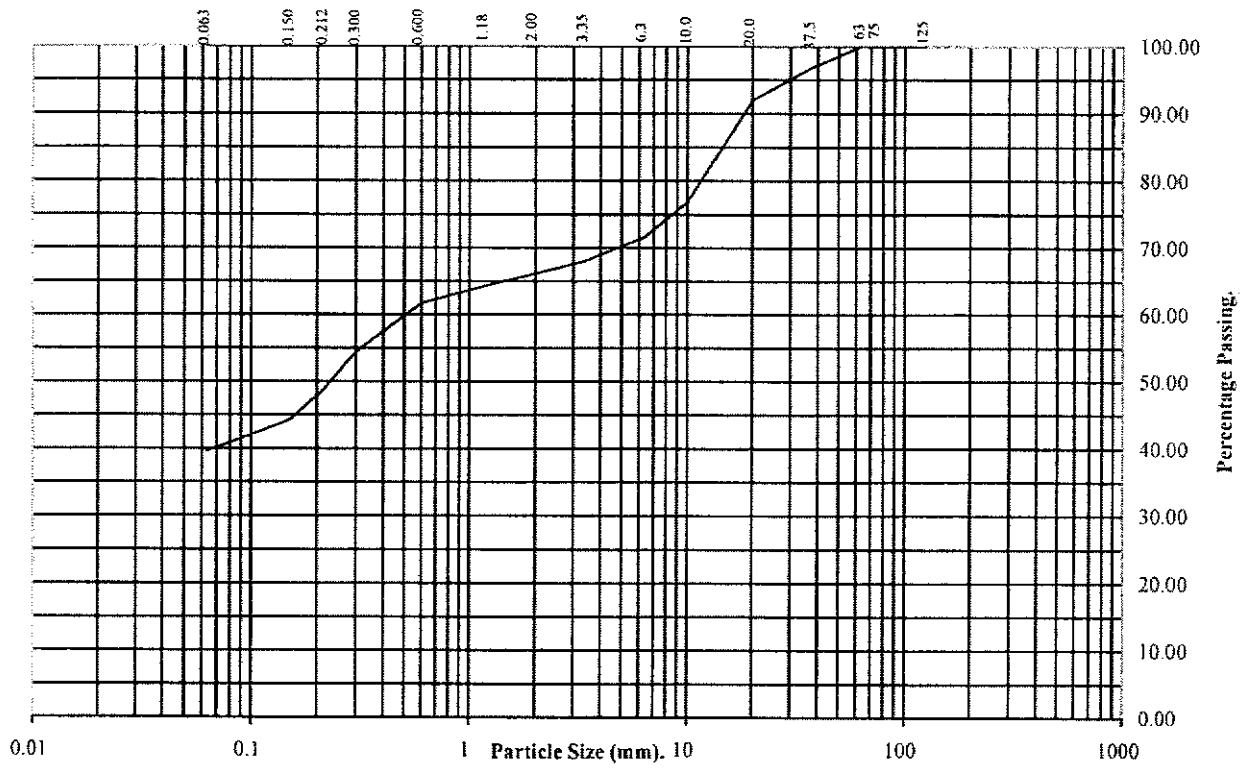
PSL Professional Soils Laboratory	**FORMER MAXI HAULAGE SITE, OLDHAM ROAD.**	**Contract No.: PSL07/1750**

PARTICLE SIZE DISTRIBUTION TEST

BS1377:Part 2:1990

Wet Sieve: Clause 9.2

Trial Pit /Sample Number: TP103 **Depth (m):** 0.70



BS Test Sieve	Percentage Passing
125	100
75	100
63	100
37.5	97
20	92
10	77
6.3	72
3.35	68
2	66
1.18	64
0.6	62
0.3	54
0.212	49
0.15	44
0.063	40

Soil Fraction	Total Percentage
Cobbles	0
Gravel	34
Sand	26
Silt/Clay	40

Remarks:
See summary of soil descriptions.

Checked By	Date	Approved By	Date
RC	13/8/07	RC	13/8/07

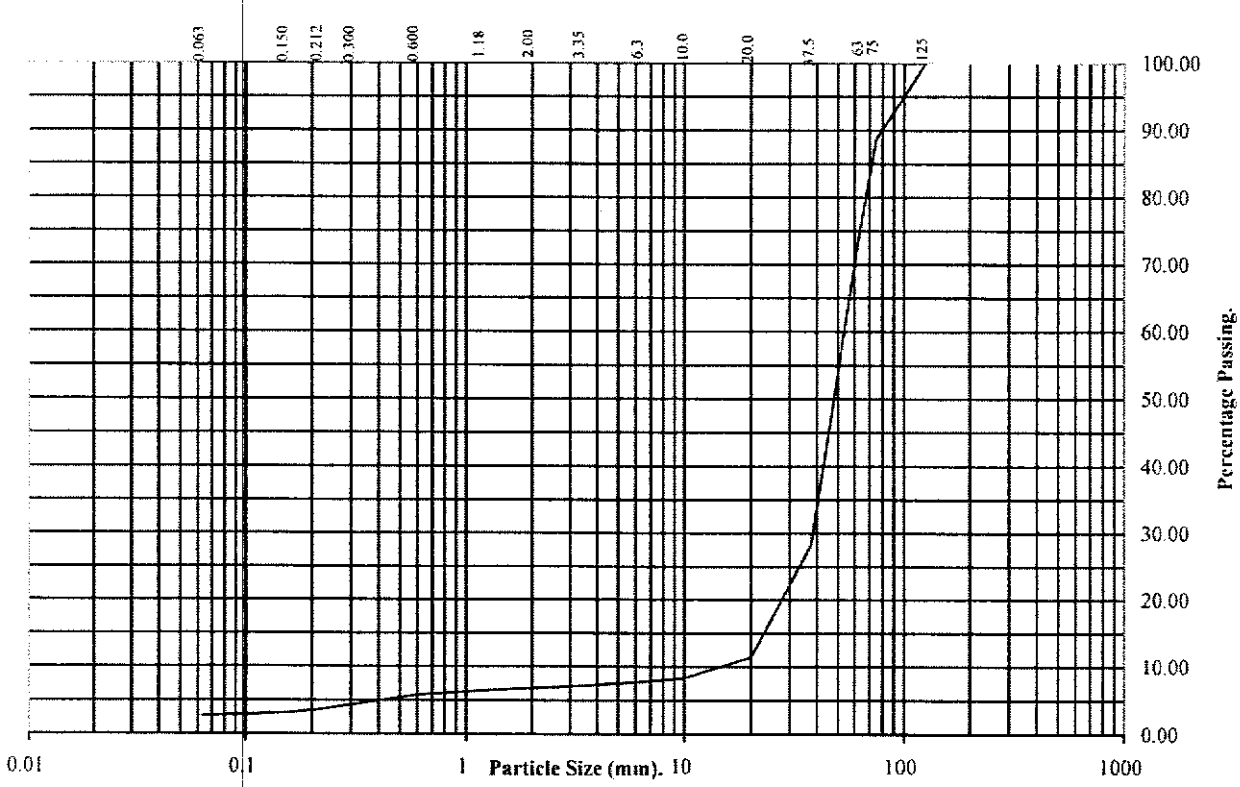
PSL Professional Soils Laboratory	**FORMER MAXI HAULAGE SITE, OLDHAM ROAD.**	**Contract No.: PSL07/1750**

PARTICLE SIZE DISTRIBUTION TEST

BS1377:Part 2:1990

Wet Sieve: Clause 9.2

Trial Pit /Sample Number: TP105 **Depth (m):** 0.50



BS Test Sieve	Percentage Passing
125	100
75	89
63	75
37.5	28
20	11
10	8
6.3	8
3.35	7
2	7
1.18	6
0.6	6
0.3	4
0.212	4
0.15	3
0.063	3

Soil Fraction	Total Percentage
Cobbles	25
Gravel	68
Sand	4
Silt/Clay	3

Remarks:
See summary of soil descriptions.

Checked By	Date	Approved By	Date
RC	13/8/07	RC	13/8/07

PSL
Professional Soils Laboratory

FORMER MAXI HAULAGE SITE, OLDHAM ROAD.

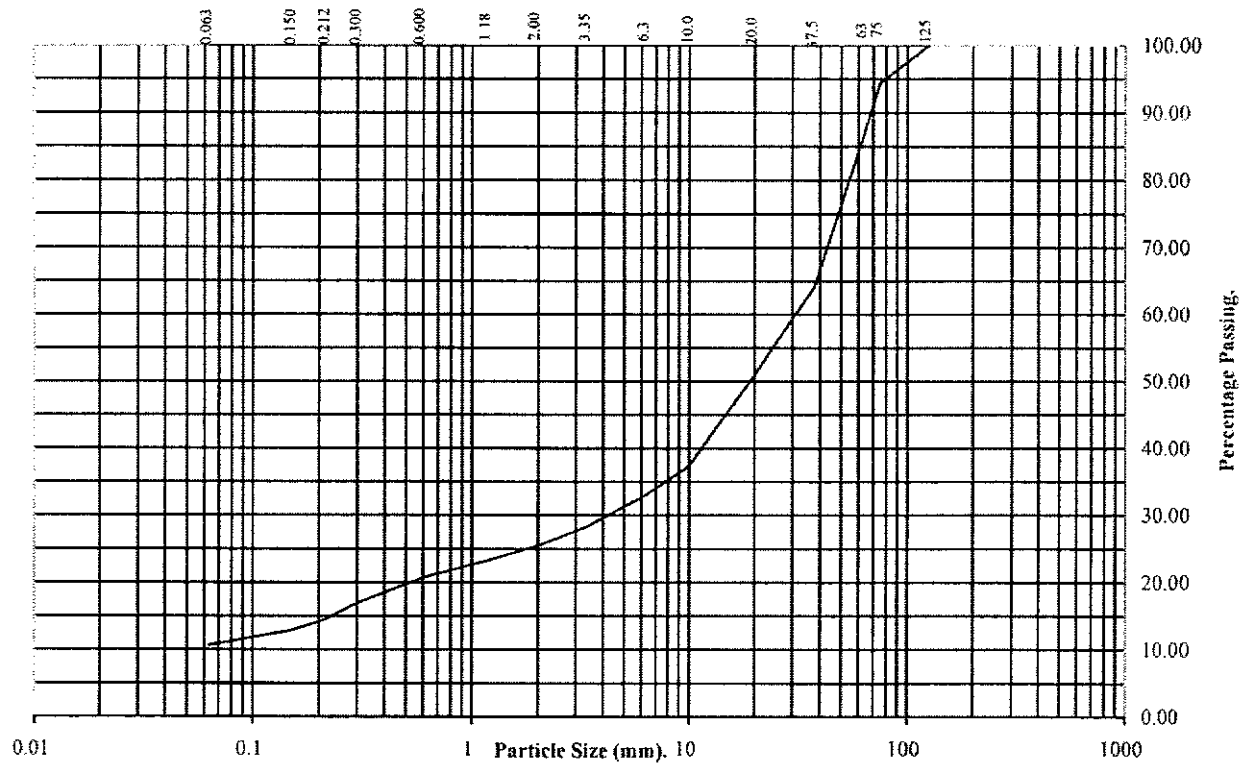
Contract No.: PSL07/1750

PARTICLE SIZE DISTRIBUTION TEST

BS1377:Part 2:1990

Wet Sieve: Clause 9.2

Trial Pit /Sample Number: **TP108** **Depth (m):** **0.40**



BS Test Sieve	Percentage Passing
125	100
75	94
63	86
37.5	64
20	51
10	37
6.3	33
3.35	28
2	26
1.18	23
0.6	21
0.3	17
0.212	14
0.15	13
0.063	11

Soil Fraction	Total Percentage
Cobbles	14
Gravel	60
Sand	15
Silt/Clay	11

Remarks:
See summary of soil descriptions.

Checked By	Date	Approved By	Date
IC	13/8/07	IC	13/8/07

PSL
Professional Soils Laboratory

FORMER MAXI HAULAGE SITE, OLDHAM ROAD.

Contract No.: PSL07/1750

Certificate of Analysis

2139

Date: 08/09/2007

Certificate Number: 07-13392

Client: Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference: 07-13392

Client Reference: PSL07/1750

Contract Title: Former Maxi Haulage Site, Oldham Road

Description: 5 soil samples

Date Received: 02/08/2007

Date Started: 02/08/2007

Date Completed: 09/08/2007

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes: Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation
$ denotes tests completed by approved subcontractors
I/S denotes insufficient sample to carry out test
N/S denotes that the sample is not suitable for testing
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate

Approved By:



Authorised Signatories: Rob Brown
Business Manager

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Summary of Chemical Analysis
Soil Samples

Our Ref: 07-13392
Client Ref: PSL07/1750
Contract Title: Former Maxi Haulage Site, Oldham Road

		Lab No.	90346	90347	90348	90349	90350
		Sample Ref	WS102	WS104	WS106	TP105	TP110
		Depth	3.00-3.20	4.00-4.20	3.00-3.20	0.50	0.70
		Other Ref					
		Sample Type					
Test	Units	DETSxx					
Organic matter	%	DETS 002	2.1				13
Sulphate Aqueous Extract as SO4	g/l	DETS 076#	0.05	0.07	0.05	0.05	
pH		DETS 008#	9.1	9.1	9.0	9.0	

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

UKAS TESTING

4043

Accredited to ISO/IEC 17025:2005

Professional Soils Laboratory Ltd

Issue No: 001 Issue date: 26 October 2006

5/7 Hexthorpe Road
Hexthorpe
Doncaster
DN4 0AG

Contact: Mr A Watkins
Tel: +44 (0)870 240 1964
Fax: +44 (0)870 240 1965
E-Mail: awatkin@prosoils.co.uk
Website: www.prosoils.co.uk

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
AGGREGATES	Particle size distribution - sieving method	BS EN 933-1:1997
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377-2:1990
	Liquid limit - cone penetrometer	BS 1377-2:1990
	Liquid limit - cone penetrometer - one point	BS 1377-2:1990
	Plastic limit	BS 1377-2:1990
	Plasticity index and liquidity index	BS 1377-2:1990
	Particle size distribution - wet sieving	BS 1377-2:1990
	Particle size distribution - dry sieving	BS 1377-2:1990
	Particle size distribution - sedimentation - pipette method	BS 1377-2:1990
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377-4:1990
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377-4:1990
	California Bearing Ratio (CBR) *(loads from 0.2 to 50 kN)*	BS 1377-4:1990

4043 Accredited to ISO/IEC 17025:2005	Schedule of Accreditation issued by United Kingdom Accreditation Service 21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK Professional Soils Laboratory Ltd Issue No: 001 Issue date: 26 October 2006

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes	Moisture condition value (MCV)	BS 1377-4:1990
	MCV - natural moisture content	BS 1377:Part 4:1990
	MCV/moisture content relation	BS 1377:Part 4:1990
	Uniformity coefficient (221 2217)	BS 6100-2.2.1:1992

END

APPENDIX IV

DERIVATION OF TIER 1 VALUES

Tier 1 Values for Commercial Development

Arsenic	mg/kg	500	Soil guideline value, DEFRA/Environment Agency
Cadmium	mg/kg	1,400	Soil guideline value, DEFRA/Environment Agency
Chromium	mg/kg	5,000	Soil guideline value, DEFRA/Environment Agency
Lead	mg/kg	750	Soil guideline value, DEFRA/Environment Agency
Mercury	mg/kg	480	Soil guideline value, DEFRA/Environment Agency
Selenium	mg/kg	8,000	Soil guideline value, DEFRA/Environment Agency
Nickel	mg/kg	5,000	Soil guideline value, DEFRA/Environment Agency
Copper	mg/kg	45,700	CIEH Generic Assessment Criteria (GAC) (assuming 5% SOM)
Zinc	mg/kg	188,000	CIEH Generic Assessment Criteria (GAC) (assuming 5% SOM)
Cyanide - Total	mg/kg	250	Lower threshold concentration, Environment Agency Guidance On Disposal Of Contaminated Soil,
Phenols	mg/kg	21,900	Soil guideline value, DEFRA/Environment Agency (assuming 1% SOM)
Total PAHs	mg/kg	40	Dutch Ecotox value RIVM Report 711701 020
Naphthalene	mg/kg	290	Soil guideline value, DEFRA/Environment Agency (assuming 1% SOM)
Benzo(a)Pyrene	mg/kg	29.7	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
Flourene	mg/kg	59,000	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
Dibenzo(a,h) Anthracene	mg/kg	29.7	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aliphatic C6-C8	mg/kg	242	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aliphatic C8-C10	mg/kg	66	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aliphatic C10-C12	mg/kg	29,900	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aliphatic C12-C16	mg/kg	29,900	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aliphatic C16-C35	mg/kg	617,000	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C6-C7	mg/kg	26.9	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C7-C8	mg/kg	30.4	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C8-C10	mg/kg	107	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C10-C12	mg/kg	625	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C12-C16	mg/kg	12,200	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C16-C21	mg/kg	9190	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH aromatic C21-C35	mg/kg	9250	CIEH Generic Assessment Criteria (GAC) (assuming 1% SOM)
TPH - (C_{10}-C_{35}) Total	mg/kg	1000	It is the professional opinion of REC Ltd that a Tier 1 TPH (C8-C40) standard of 1000mg/kg is a conservative screening level for both human health and

- 6 -controlled waters for all exposure pathways (dermal, inhalation, oral) and a residential end use with plant uptake (most sensitive land use). Any concentrations above this (in soils) would be speciated to allow for the assessment of the risk posed by individual carbon fractions in accordance with the TPHCWG methodology.