Envirolab Deviating Samples Report

Units 7&8 Sandpits Business Park, Mottram Road, Hyde, SK14 3AR
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: RSK Environment Ltd Hemel, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, UK, HP3 9RT

Project: Central Somers Town

Clients Project No: 1922663

Project No: 22/12312

Date Received: 15/12/2022 (am)

Cool Box Temperatures (°C): 1.0

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

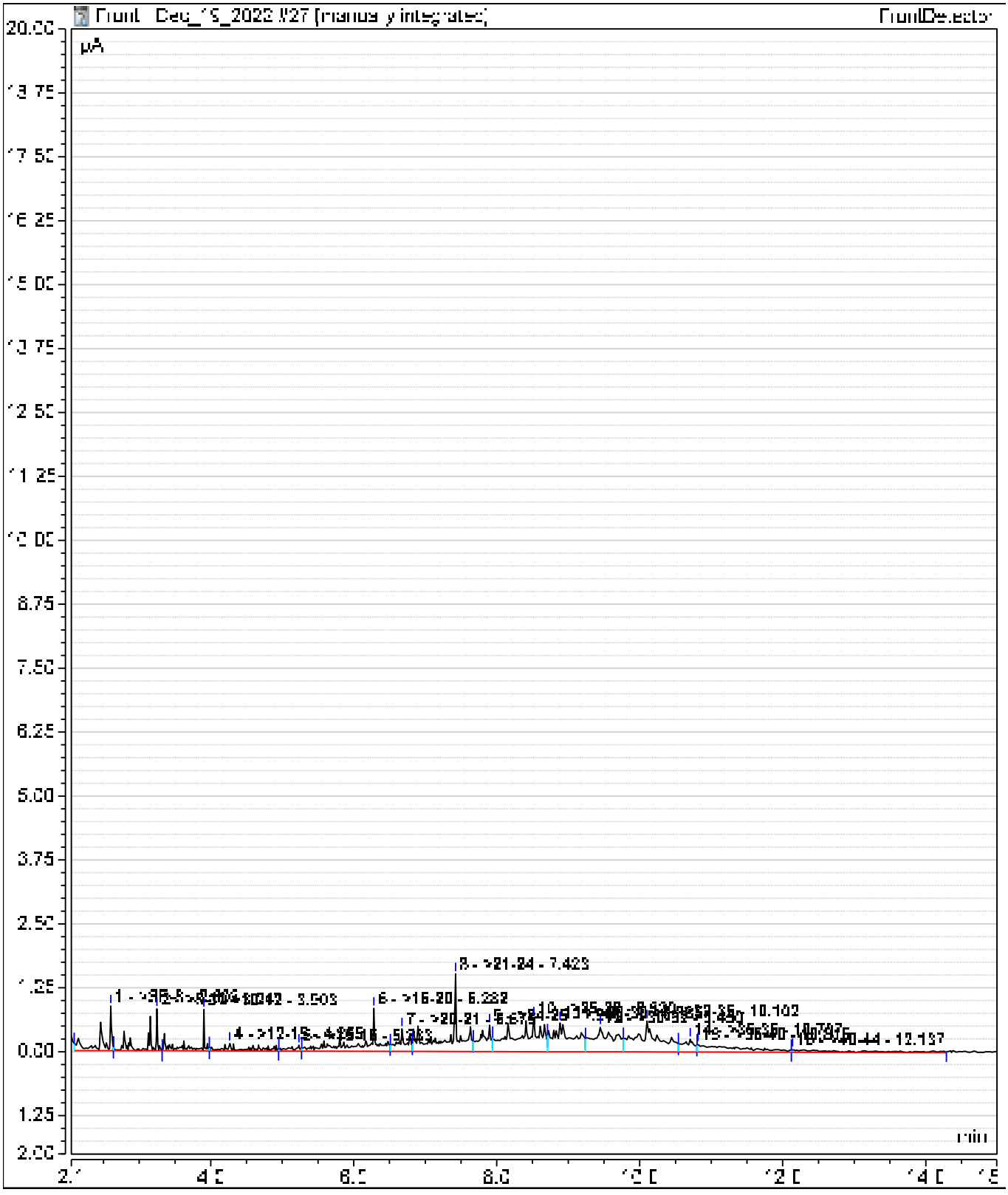
Lab Sample ID	22/12312/1	22/12312/2	22/12312/3	22/12312/4	22/12312/5
Client Sample No	ES2	ES2	ES2	ES1	ES2
Client Sample ID/Depth	HP1 0.20-0.30m	HP2 0.50-0.60m	HP3 1.00-1.20m	HP4 0.10-0.30m	HP5 0.30-0.50m
Date Sampled	09/12/22	09/12/22	08/12/22	08/12/22	08/12/22
A-T-004s	23/12/2022	23/12/2022	23/12/2022	23/12/2022	23/12/2022
A-T-007s	22/12/2022	22/12/2022	22/12/2022	22/12/2022	22/12/2022
A-T-019s	21/12/2022	21/12/2022	21/12/2022	21/12/2022	21/12/2022
A-T-022s	21/12/2022	21/12/2022	21/12/2022	21/12/2022	21/12/2022
A-T-024s	04/01/2023	04/01/2023	04/01/2023	04/01/2023	04/01/2023
A-T-025w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-026w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-030s	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023
A-T-031s	23/12/2022	23/12/2022	23/12/2022	23/12/2022	23/12/2022
A-T-031w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-032s	04/01/2023	04/01/2023	04/01/2023	04/01/2023	04/01/2023
A-T-032w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-037w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-040s	23/12/2022	23/12/2022	23/12/2022	23/12/2022	23/12/2022
A-T-044	21/12/2022	21/12/2022	21/12/2022	21/12/2022	21/12/2022
A-T-045	16/12/2022	16/12/2022	16/12/2022	16/12/2022	16/12/2022
A-T-050w	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
A-T-ANCs	23/12/2022	23/12/2022	23/12/2022	23/12/2022	23/12/2022
Calc-no stones	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023
Probe (w)	05/01/2023	05/01/2023	05/01/2023	05/01/2023	05/01/2023

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

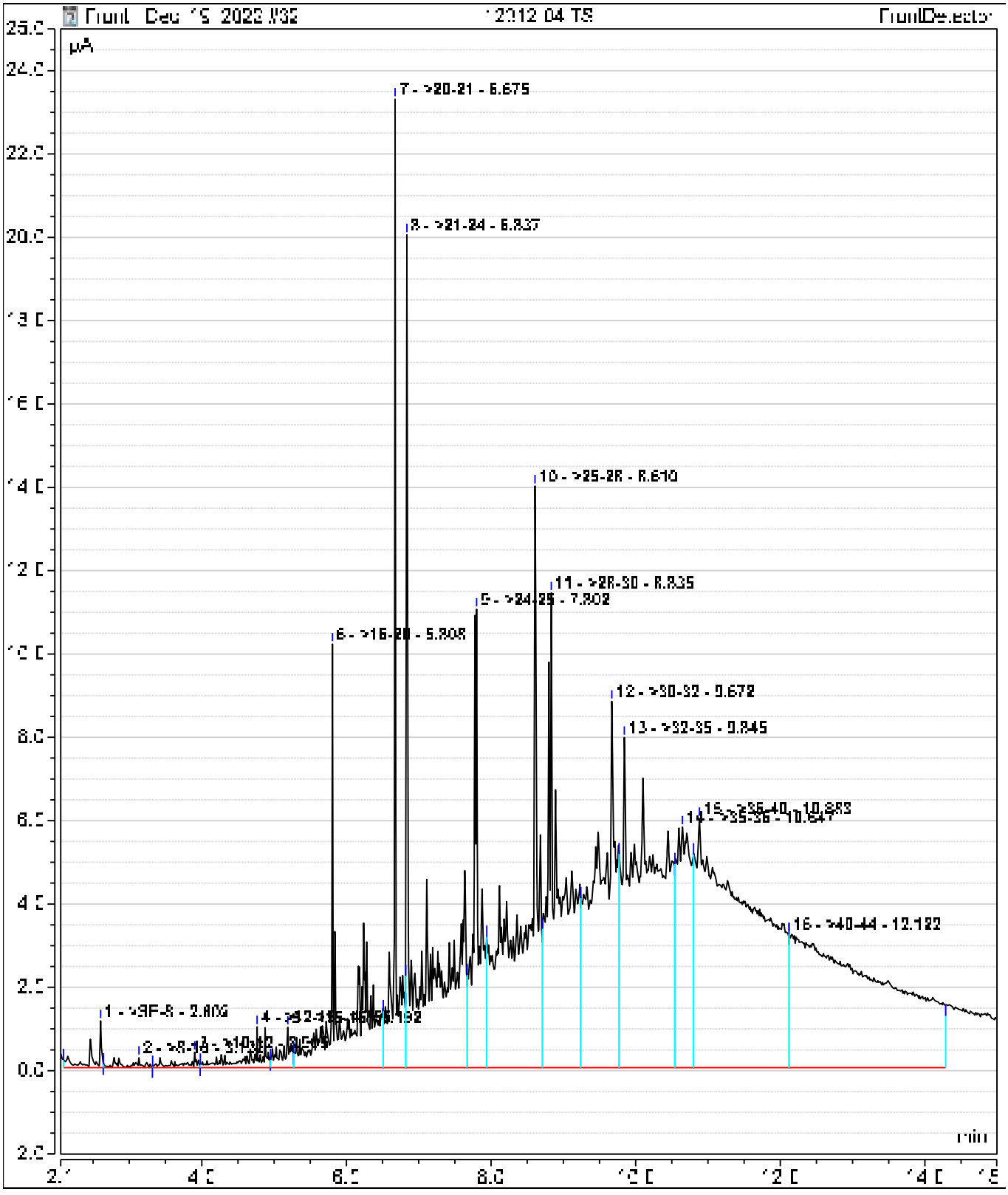
End of Report

Chromatogram

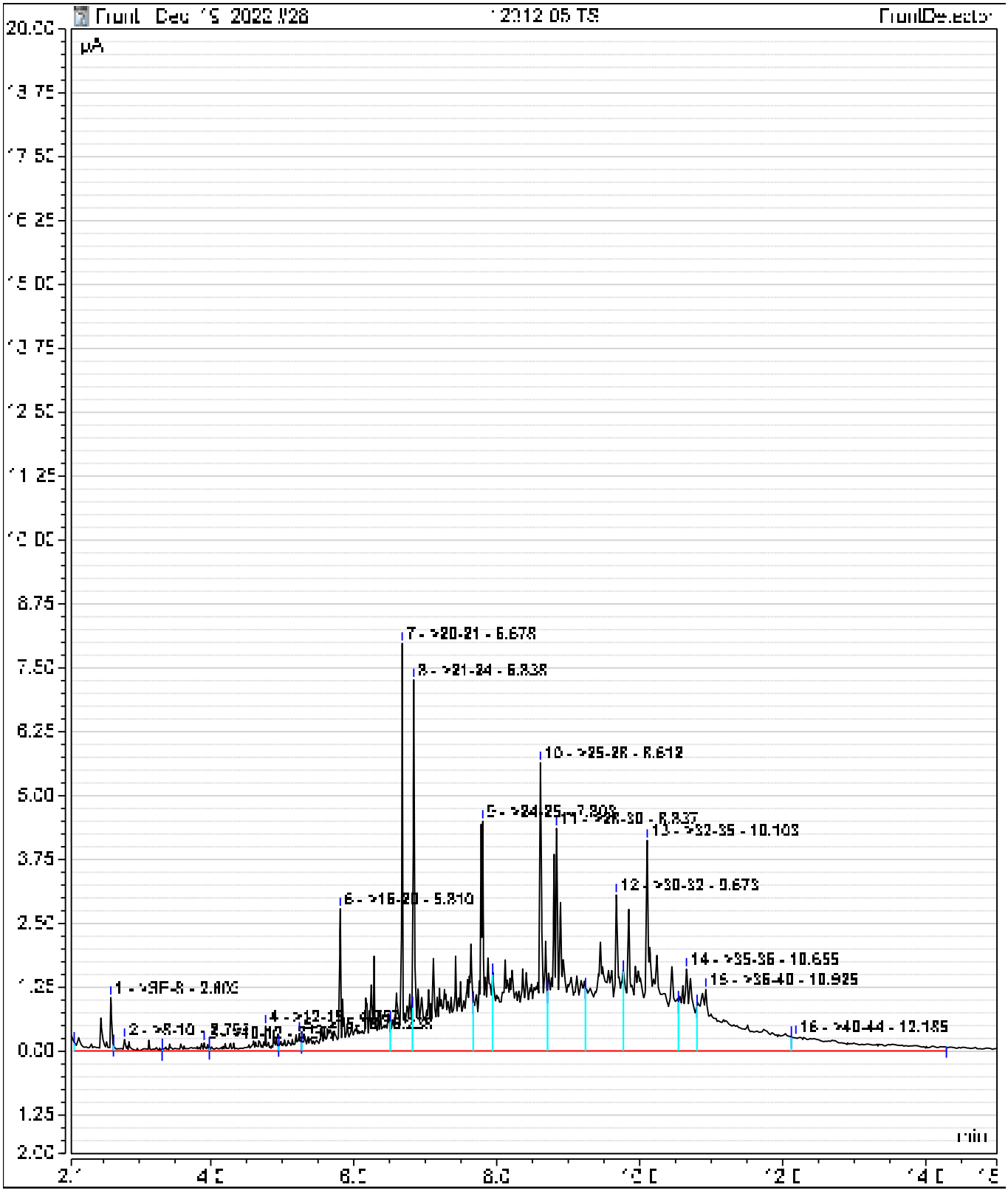
Chromatogram



Chromatogram



Chromatogram



APPENDIX J
LABORATORY CERTIFICATES FOR GEOTECHNICAL ANALYSIS

GEOLABS Limited
Bucknalls Lane
Garston
Watford
Hertfordshire
WD25 9XX
Tel: +44(0) 1923 892 190
Fax: +44(0) 1923 892 191
email: admin@geolabs.co.uk
web: www.geolabs.co.uk

RSK Environment Limited
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT

24 January 2023
Report No : GEO/37180/01

For the attention of Ms L Rule

Date samples received	16/12/2022
Date written instructions received	23/12/2022
Date testing commenced	24/12/2022
Date of sample disposal	**21/02/2023**

Our ref **GEO / 37180**
Your Ref **1922663**

Project **CENTRAL SOMERS TOWN**

Further to your instructions we have pleasure in enclosing the results of the tests you requested in the attached figures.

LABORATORY TEST REPORT

Item No	Test Quantity	Description
1	~	Liquid & Plastic Limits Summary
~	5	Water Content
~	5	Liquid & Plastic Limits
2	~	Geochemical Test Summary
~	3	BRE SD1 Suite D - Brownfield + pyrite

Any opinions or interpretations expressed herein are outside the scope of UKAS accreditation. All results contained in this report are provisional unless signed by an approved signatory. The results contained in this report relate only to samples received in the laboratory and are tested 'as received' unless otherwise stated. This report should not be reproduced, except in full, without the written approval of the laboratory. The results reported are applicable only to the test items received by the laboratory.

All the necessary data required by the documented test procedures has been recorded and will be stored for a period of not less than 6 years. This data will be issued to yourselves at your request. All samples will be disposed of after the date shown above. Written confirmation will be required to retain the samples beyond this period and a storage charge may be applied.

We trust that the above meets your requirements and should you require any further information or assistance, please do not hesitate to contact us.

Yours faithfully
on behalf of **GEOLABS Limited**

S Burke
Senior Technician

BS EN ISO 17892-12 : 2018

SUMMARY OF LIQUID AND PLASTIC LIMIT TESTS

Location	Depth m	Sample Ref	Sample Type	Description	Water Content BS EN ISO 17892-1 : 2014 %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Percentage Passing 425µm %	Atterberg Classification	Test Type	Sample Condition
WS04	0.90-1.00	1	D	Brown mottled orangish brown slightly sandy CLAY with rare rootlets. Sand is fine.	23.7	70	24	46	100	CH	1	1
WS04	1.55-1.65	2	D	Brown mottled orangish brown slightly sandy CLAY. Sand is fine.	27.5	68	28	40	100	CH	1	1
WS04	2.50-2.60	4	D	Brown mottled grey slightly sandy CLAY with rare gypsum. Sand is fine.	32.1	75	28	47	100	CV	1	1
WS04	3.30-3.50	6	D	Brown mottled grey slightly sandy CLAY. Sand is fine.	30.6	68	27	41	100	CH	1	1
WS04	4.80-5.00	9	D	Brown mottled orangish brown slightly sandy CLAY with rare gypsum. Sand is fine.	28.4	79	27	52	100	CV	1	1

Test Type:
1 - 1 point 80g / 30° fall cone method.
2 - 4 point 80g / 30° fall cone method.
3 - Non plastic determination.

Sample condition:
1 - As Received
2 - Air Dried
3 - Washed & Air Dried

Checked and Approved by:

S Burke

S Burke - Senior Technician
24/01/2023

Project Number:

GEO / 37180

Project Name:

CENTRAL SOMERS TOWN
1922663

GEOLABS UKAS

1240 - Chemical Test Summary - 37180.XLSM

SUMMARY OF CHEMICAL TESTS ON SOIL

Location	Depth m	Sample Ref	Sample Type	pH Value	Total Acid Soluble Sulphate as SO4 %	Water Soluble Sulphate as SO4 2:1 Water:Soil Extract g/l	Total Sulphur %	Water Soluble Chloride g/l	Water Soluble Nitrate g/l	Magnesium g/l	Organic Content %	Mass Loss on Ignition %	Carbonate Content %
WS04	1.90-2.00	3	D	8.1	5.0	1.4	3.2	0.092	< 0.010	0.12	-	-	-
WS04	2.80-3.00	5	D	8.1	1.5	1.0	0.98	0.092	< 0.010	0.13	-	-	-
WS04	4.50-4.60	8	D	8.1	1.4	1.2	0.19	0.20	< 0.010	0.13	-	-	-

Tested by Chemtest Ltd : MCERTS / UKAS No 2183

Checked and Approved by:

S Burke

S Burke - Senior Technician
24/01/2023

Project Number:

GEO / 37180

Project Name:

CENTRAL SOMERS TOWN

1922663

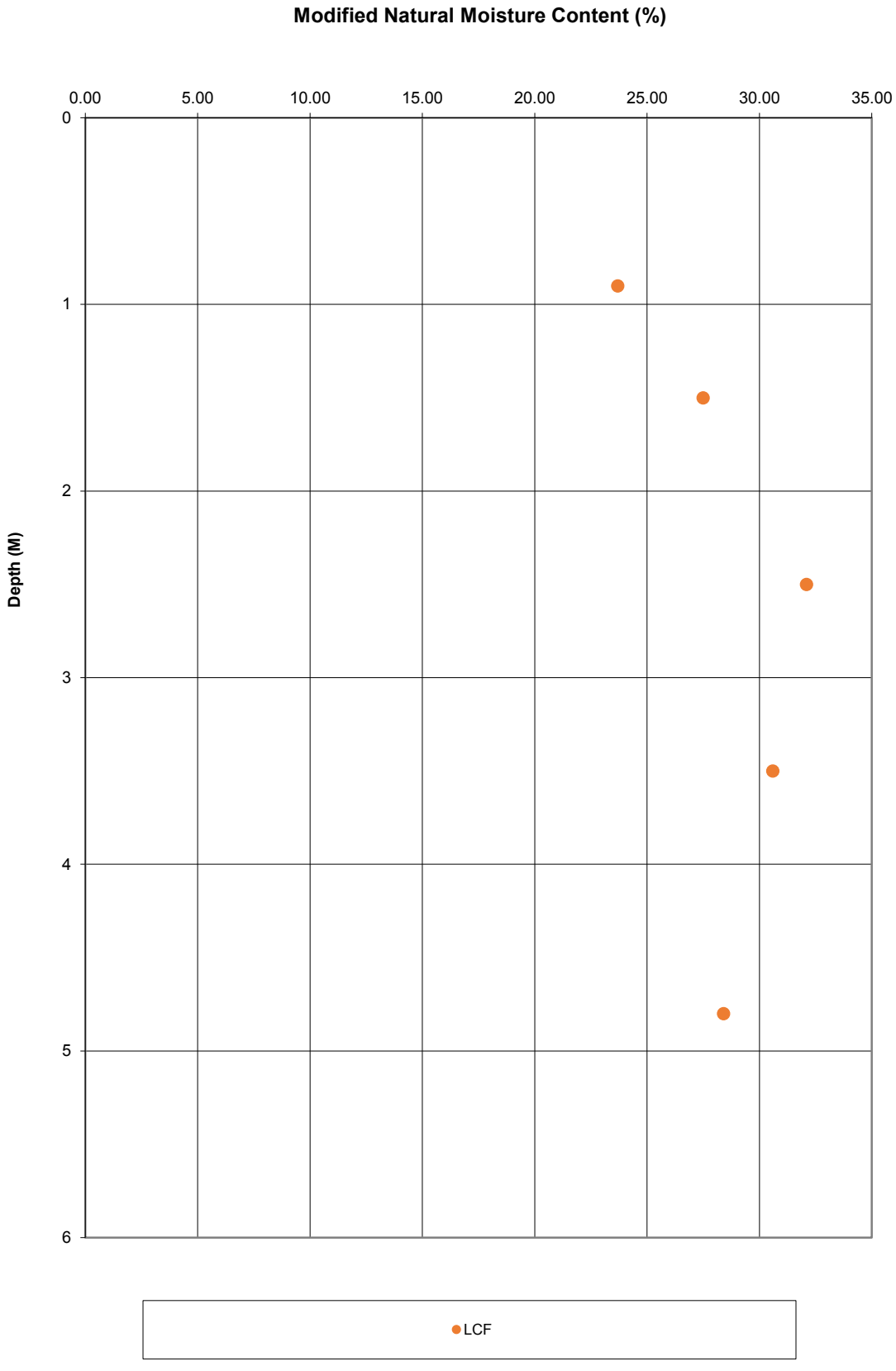
GEOLABS

APPENDIX K
SUPPORTING GEOTECHNICAL INFORMATION

RSK GEOSCIENCES

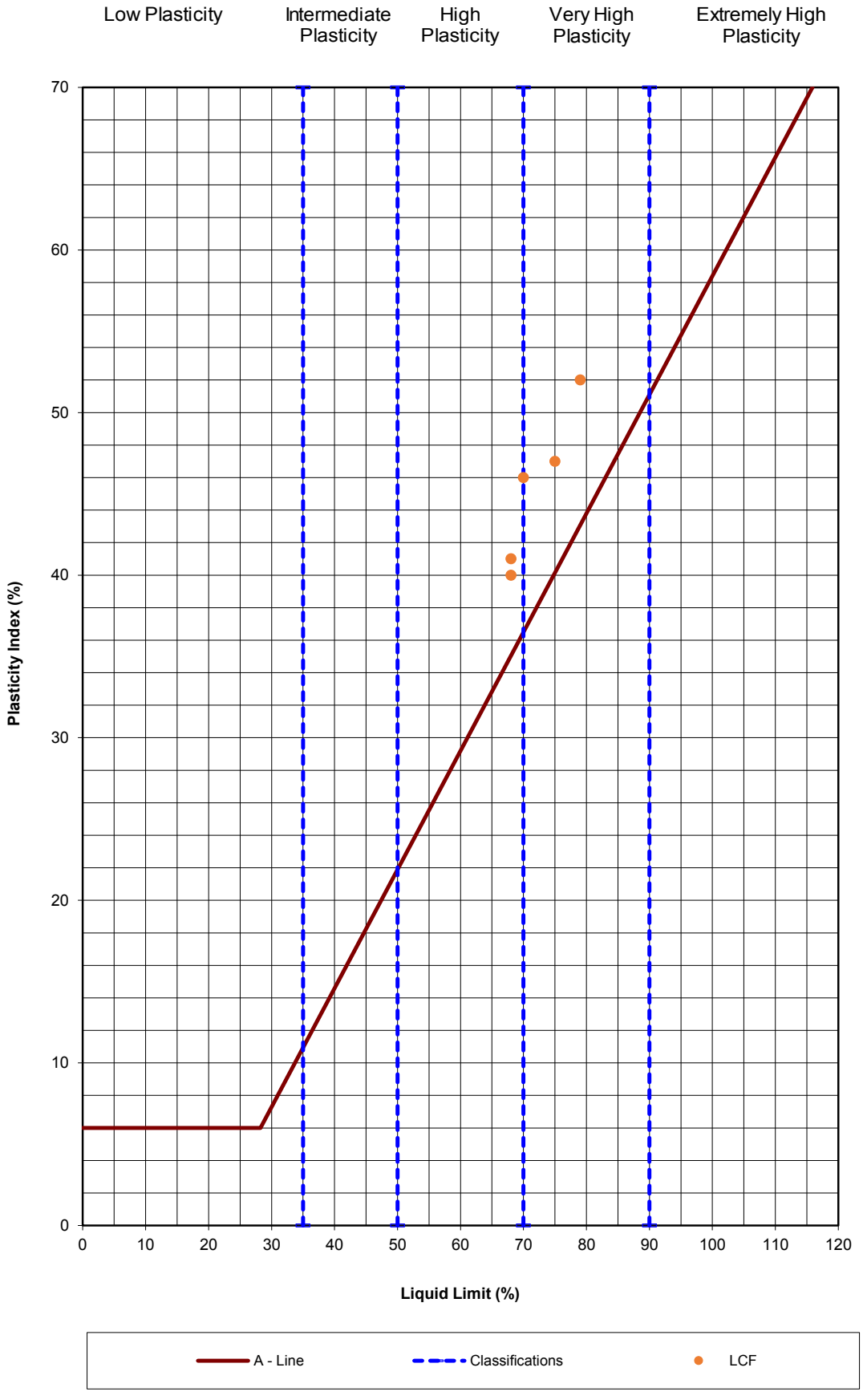
MODIFIED MOISTURE CONTENT vs Depth

Site:	Client:	Job Number:	1922663
Central Somers Town	Morgan Sindle	Figure:	1



PLASTICITY CLASSIFICATION CHART

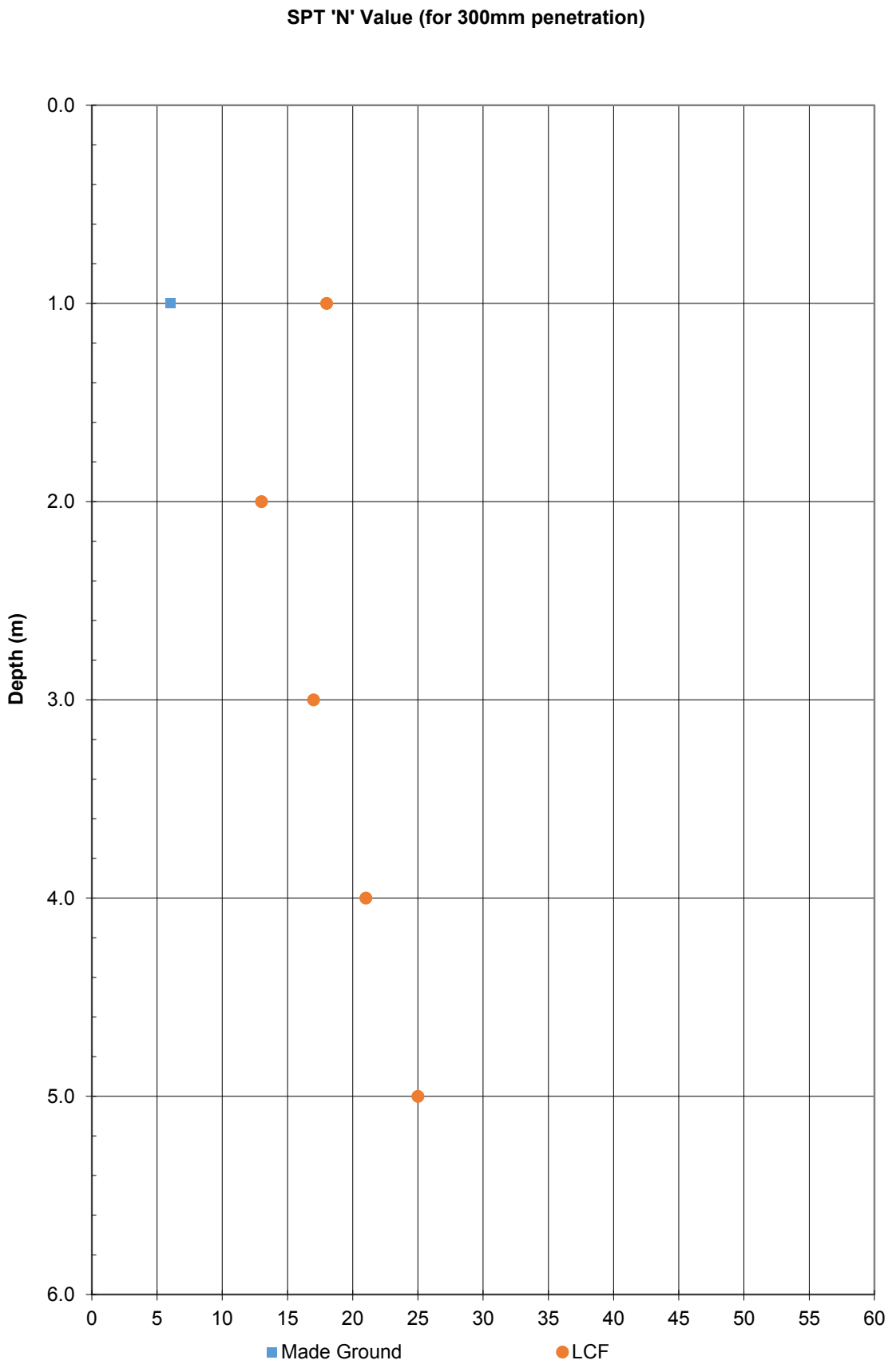
Site:	Client:	Job Number:	1922663
Central Somers Town	Morgan Sindle	Figure:	2



RSK GEOSCIENCES

SPT 'N' Value vs Depth

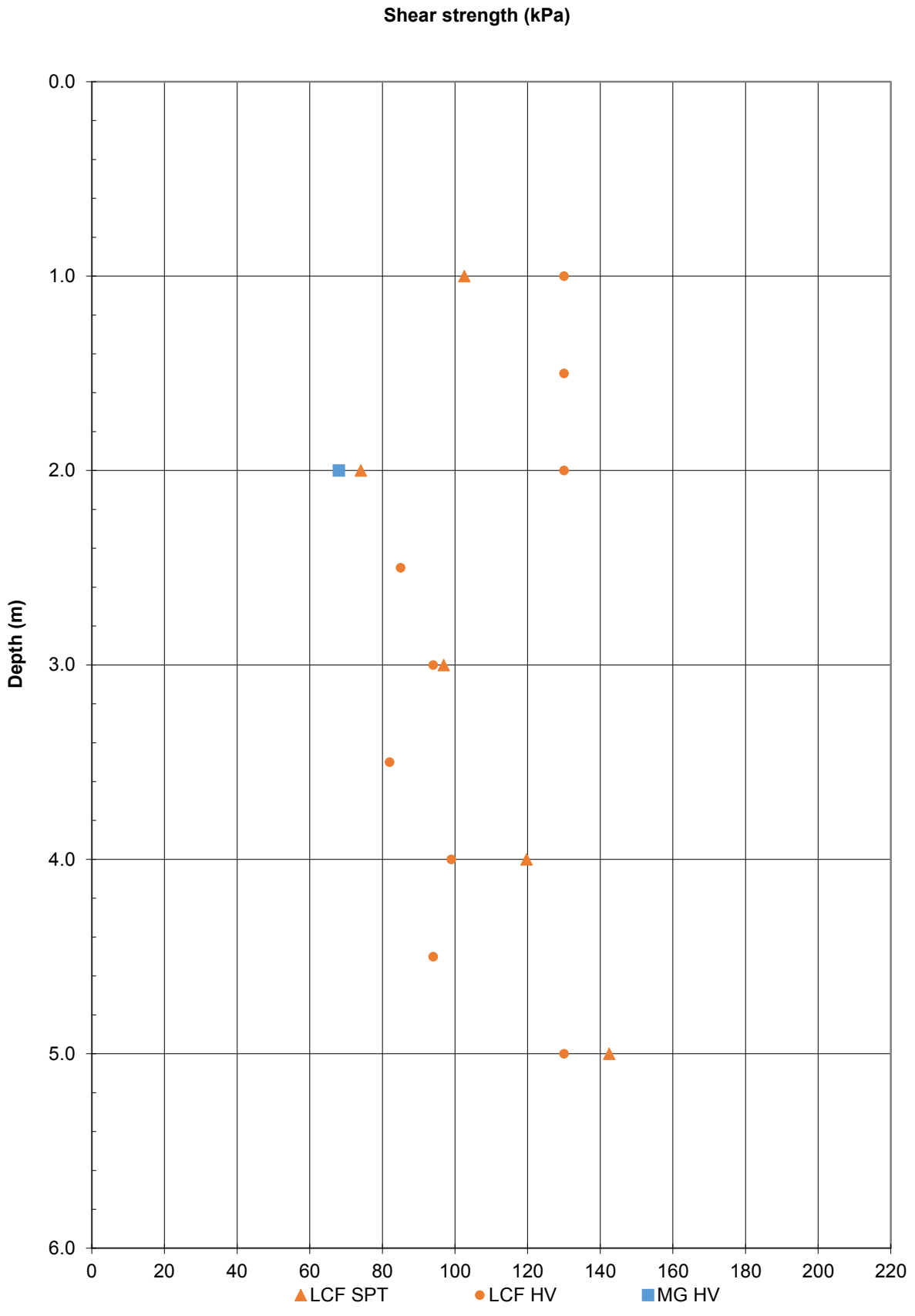
Site:	Client:	Job Number:	1922663
Central Somers Town	Morgan Sindle	Figure:	3



RSK GEOSCIENCES

Shear Strength vs Depth

Site:	Client:	Job Number:	1922663
Central Somers Town	Morgan Sindle	Figure:	4



APPENDIX L
WM3 ASSESSMENT

Envirolab, Sandpits Business Park, Mottram Road, Hyde, Cheshire SK14 3AR.

Haswaste, developed by Dr. Iain Haslock.

Please enter available data in the rows associated with the test (grey) cells. Calculation cells initially display either "0.0000" or "#DIV/0!".
If any calculation cells below state "0.00000", testing has NOT been undertaken that contributes to that Hazardous Property.

Site Code and Name										
TP/WS/BH		HP1	HP2	HP3	HP4	HP5				
Depth (m)		0.20 - 0.30	0.50 - 0.60	1.00 - 1.20	0.10 - 0.30	0.30 - 0.50				
Envirolab reference		22/12312/1	22/12312/2	22/12312/3	22/12312/4	22/12312/5				
% Moisture	%	12.3	13.7	19.8	11.8	12.4				
pH (soil)		7.71	10.36	8.55	10.2	8.65				
pH (leachate)										
Arsenic	mg/kg	9	7	7	10	9				
Cadmium	mg/kg	1.2	0.8	1	0.8	0.9				
Copper	mg/kg	45	42	49	34	28				
CrVI or Chromium	mg/kg	42	30	39	19	23				
Lead	mg/kg	174	221	195	229	150				
Mercury	mg/kg	1.27	1.19	1.6	1.2	0.45				
Nickel	mg/kg	35	26	30	16	19				
Selenium	mg/kg	<1	<1	<1	<1	<1				
Zinc	mg/kg	126	53	74	110	90				
Barium	mg/kg									
Beryllium	mg/kg									
Vanadium	mg/kg									
Cobalt	mg/kg									
Manganese	mg/kg									
Molybdenum	mg/kg									
Antimony	mg/kg									
Aluminium	mg/kg									
Bismuth	mg/kg									
CrIII	mg/kg									
Iron	mg/kg									
Strontium	mg/kg									
Tellurium	mg/kg									
Thallium	mg/kg									
Titanium	mg/kg									
Tungsten	mg/kg									
Ammoniacal N	mg/kg									
ws Boron	mg/kg									
PAH (Input Total PAH **OR** individual PAH results)										
Acenaphthene	mg/kg	0.13	<0.01	<0.01	0.05	0.02				
Acenaphthylene	mg/kg	0.66	0.01	<0.01	0.07	0.05				
Anthracene	mg/kg	1	0.02	<0.02	0.29	0.1				
Benzo(a)anthracene	mg/kg	3.61	0.14	0.06	0.93	0.53				
Benzo(a)pyrene	mg/kg	4.7	0.15	0.07	0.88	0.54				
Benzo(b)fluoranthene	mg/kg	4.73	0.2	0.09	1.13	0.67				
Benzo(ghi)perylene	mg/kg	3.04	0.09	<0.05	0.51	0.31				
Benzo(k)fluoranthene	mg/kg	1.39	<0.07	<0.07	0.4	0.22				
Chrysene	mg/kg	3.68	0.17	<0.06	1.02	0.61				
Dibenzo(ah)anthracene	mg/kg	0.46	<0.04	<0.04	0.09	0.06				
Fluoranthene	mg/kg	6.62	0.25	0.14	2.04	0.87				
Fluorene	mg/kg	0.13	<0.01	<0.01	0.06	0.02				
Indeno(123cd)pyrene	mg/kg	3.18	0.09	0.04	0.54	0.33				
Naphthalene	mg/kg	0.07	<0.03	0.06	<0.03	<0.03				
Phenanthrene	mg/kg	1.89	0.14	0.06	1.16	0.38				
Pyrene	mg/kg	6.01	0.23	0.12	1.71	0.75				
Coronene	mg/kg	0.75	0.03	<0.01	0.19	0.13				
Total PAHs (16 or 17)	mg/kg	42	1.52	0.64	11.1	5.59				
TPH										
Petrol	mg/kg									
Diesel	mg/kg									
Lube Oil	mg/kg									
Crude Oil	mg/kg									
White Spirit / Kerosene	mg/kg									
Creosote	mg/kg									
Unknown TPH with ID	mg/kg	567	38	16	274	80				
Unknown TPHCWG	mg/kg									
Total Sulphide	mg/kg									
Complex Cyanide	mg/kg									
Free (or Total) Cyanide	mg/kg									
Thiocyanate	mg/kg									
Elemental/Free Sulphur	mg/kg									
Phenols Input Total Phenols HPLC **OR** individual Phenol results.										
Phenol	mg/kg									
Cresols	mg/kg									
Xylenols	mg/kg									
Resourcinol	mg/kg									
Phenols Total by HPLC	mg/kg									
BTEX Input Total BTEX **OR** individual BTEX results.										
Benzene	mg/kg									
Toluene	mg/kg									
Ethylbenzene	mg/kg									
Xylenes	mg/kg									
Total BTEX	mg/kg									
PCBs (POPs)										
PCBs Total (eg EC7/WHO12)	mg/kg									
PBBs (POPs)										
Hexabromobiphenyl (Total or PBB153; 2,2',4,4',5,5'- if only available)	mg/kg									

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If any calculation cells below state "0.00000", testing has NOT been undertaken that contributes to that Hazardous Property.

Site Code and Name									
TP/WS/BH		HP1	HP2	HP3	HP4	HP5				
Depth (m)		0.20 - 0.30	0.50 - 0.60	1.00 - 1.20	0.10 - 0.30	0.30 - 0.50				
Envirolab reference		22/12312/1	22/12312/2	22/12312/3	22/12312/4	22/12312/5				
POPs Dioxins and Furans Input Total Dioxins and Furans **OR** individual Dioxin and Furan results.										
2,3,7,8-TeCDD	mg/kg									
1,2,3,7,8-PeCDD	mg/kg									
1,2,3,4,7,8-HxCDD	mg/kg									
1,2,3,6,7,8-HxCDD	mg/kg									
1,2,3,7,8,9-HxCDD	mg/kg									
1,2,3,4,6,7,8-HpCDD	mg/kg									
OCDD	mg/kg									
2,3,7,8-TeCDF	mg/kg									
1,2,3,7,8-PeCDF	mg/kg									
2,3,4,7,8-PeCDF	mg/kg									
1,2,3,4,7,8-HxCDF	mg/kg									
1,2,3,6,7,8-HxCDF	mg/kg									
2,3,4,6,7,8-HxCDF	mg/kg									
1,2,3,7,8,9-HxCDF	mg/kg									
1,2,3,4,6,7,8-HpCDF	mg/kg									
1,2,3,4,7,8,9-HpCDF	mg/kg									
OCDF	mg/kg									
Total Dioxins and Furans	mg/kg									
Some Pesticides (POPs unless otherwise stated)										
Aldrin	mg/kg									
α Hexachlorocyclohexane (alpha-HCH) *(leave empty if total HCH results used)*	mg/kg									
β Hexachlorocyclohexane (beta-HCH) *(leave empty if total HCH results used)*	mg/kg									
α Cis-Chlordane (alpha) ***OR*** *Total Chlordane*	mg/kg									
δ Hexachlorocyclohexane (delta-HCH) *(leave empty if total HCH results used)*	mg/kg									
Dieldrin	mg/kg									
Endrin	mg/kg									
χ Hexachlorocyclohexane (gamma-HCH) (lindane) ***OR*** *Total HCH*	mg/kg									
Heptachlor	mg/kg									
Hexachlorobenzene	mg/kg									
o,p'-DDT *(leave empty if total DDT results used)*	mg/kg									
p,p'-DDT ***OR*** *Total DDT*	mg/kg									
χ Trans-Chlordane (gamma) *(leave empty if total Chlordane results used)*	mg/kg									
Chlordecone (kepone)	mg/kg									
Pentachlorobenzene	mg/kg									
Mirex	mg/kg									
Toxaphene (camphechlor)	mg/kg									
Tin										
Tin *(leave empty if Organotin and Tin excl Organotin results used)*	mg/kg									
Organotin										
Dibutyltin; DiBT	mg/kg									
Tributyltin; TriBT	mg/kg									
Triphenyltin; TriPT	mg/kg									
Tetrabutyltin; TeBT	mg/kg									
Tin excluding Organotin										
Tin excl Organotin	mg/kg									

Haswaste, developed by Dr. Iain Haslock.

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Site Code and Name									
TP/WS/BH	HP1	HP2	HP3	HP4	HP5				
Depth (m)	0.20 - 0.30	0.50 - 0.60	1.00 - 1.20	0.10 - 0.30	0.30 - 0.50				
Envirolab reference	22/12312/1	22/12312/2	22/12312/3	22/12312/4	22/12312/5				
Asbestos in Soil	Thresholds								
Asbestos detected in Soil (enter Y or N)	Y	N	N	N	N	N				

If Asbestos in Soil above is "**Y**", the soil is Hazardous Waste HP5 and HP7

Asbestos % Composition in Soil (Matrix Loose Fibres or Microscopic Identifiable Pieces only)	see "Carc HP7 % Asbestos in Soil (Fibres)" below	%								
Carcinogenic HP7 % Asbestos in Soil (fibres or micro pieces) *Please be advised, if the calculation cell is "0.00000" DOES NOT MEAN asbestos testing has been undertaken and the result is zero.*	≥0.1%		0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

If Asbestos in Soil above is "**Y**", but Asbestos % above is "<0.1%", the soil is Non Hazardous Waste. You can only use Asbestos % results where loose fibres or micro pieces are only present. You cannot use Asbestos % results when visual identifiable pieces are present.

Asbestos Identifiable Pieces visible with the naked eye detected in the Soil (enter Y or N)	Y	N	N	N	N	N				

If visual identifiable pieces of asbestos are present, <u>you cannot use Asbestos % results</u> and the whole soil sample is Hazardous Waste HP5 and HP7 Construction material containing Asbestos 17 06 05.
Therefore, if Asbestos in Soil above is "**Y**", the Asbestos % above is "<0.1%", but the Asbestos Identifiable Pieces visible with the naked eye is "Y", the soil is Hazardous Waste.

Identifiable Pieces are Cement, Fragments, Board, Rope etc. ie anything ACM that is not Loose Fibres.
All visual asbestos pieces need to be removed leaving only fibres (or micro pieces) with an Asbestos % Composition in Soil result of <0.1% for the soil to become non-hazardous waste.

Hazardous Property	Thresholds	Cut Off Value	**If cells below turn yellow and the text turns red, the samples should be classified as Hazardous Waste.**								
Corrosive HP8	≥5%	<1%	0.00811	0.00577	0.00675	0.00438	0.00491	0.00000	0.00000	0.00000	0.00000
Irritant HP4	≥10%	<1%	0.00550	0.00489	0.00518	0.00455	0.00381	0.00000	0.00000	0.00000	0.00000
Irritant HP4	≥20%	<1%	0.01519	#VALUE!	#VALUE!	0.00751	0.00674	0.00000	0.00000	0.00000	0.00000
Specifc Target Organ Toxicity HP5	≥1%		0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Specifc Target Organ Toxicity HP5	≥20%		0.00368	0.00013	0.00005	0.00098	0.00049	0.00000	0.00000	0.00000	0.00000
Specifc Target Organ Toxicity HP5	≥1%		0.00707	0.00497	0.00601	0.00322	0.00387	0.00000	0.00000	0.00000	0.00000
Specifc Target Organ Toxicity HP5	≥10%		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Aspiration Toxicity HP5	≥10%		0.04973	0.00328	0.00128	0.02417	0.00701	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥0.1%	<0.1%	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥0.25%	<0.1%	0.00115	0.00090	0.00087	0.00127	0.00108	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥5%	<0.1%	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥25%	<1%	0.03052	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥0.25%	<0.1%	0.00011	0.00010	0.00013	0.00011	0.00004	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥2.5%	<0.1%	0.00707	0.00497	0.00601	0.00322	0.00387	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥15%	<0.1%	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥55%	<1%	0.00011	0.00007	0.00008	0.00007	0.00008	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥0.1%	<0.1%	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥0.5%	<0.1%	0.00729	0.00514	0.00621	0.00339	0.00399	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥3.5%	<0.1%	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Acute Toxicity HP6	≥22.5%	<1%	0.02592	0.02770	0.02494	0.02644	0.01927	0.00000	0.00000	0.00000	0.00000
Carcinogenic HP7	≥0.1%		0.01526	0.01907	0.01564	0.02020	0.01314	0.00000	0.00000	0.00000	0.00000
Carcinogenic HP7	≥0.1%		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
Carcinogenic HP7	≥1%		0.00368	0.00013	0.00005	0.00098	0.00049	0.00000	0.00000	0.00000	0.00000
Carcinogenic HP7 Unknown TPH with ID	≥1,000mg/kg		497.26	32.79	12.83	241.67	70.08	0.00	0.00	0.00	0.00
Carcinogenic HP7 b(a)p marker test (Unknown TPH with ID only) Cell only applicable if TPH >1,000mg/kg	≥0.01%		0.72697	0.34066	0.35088	0.28327	0.59130	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
pH Corrosive HP8 pH (soil or leachate)	H8 ≥11.5		7.71	10.36	8.55	10.20	8.65	0.00	0.00	0.00	0.00
pH Corrosive HP8 pH (soil or leachate)	H8 ≤2		7.71	10.36	8.55	10.20	8.65	0.00	0.00	0.00	0.00
Toxic for Reproduction HP10	≥0.3%		0.01526	0.01907	0.01564	0.02020	0.01314	0.00000	0.00000	0.00000	0.00000
Toxic for Reproduction HP10	≥3%		0.04973	0.00497	0.00601	0.02417	0.00701	0.00000	0.00000	0.00000	0.00000
Mutagenic HP11	≥0.1%		0.00707	0.00497	0.00601	0.00322	0.00387	0.00000	0.00000	0.00000	0.00000
Mutagenic HP11 Unknown TPH with ID	≥1,000mg/kg		497.26	32.79	12.83	241.67	70.08	0.00	0.00	0.00	0.00
Mutagenic HP11 b(a)p marker test (Unknown TPH with ID only) Cell only applicable if TPH >1,000mg/kg	≥0.01%		0.72697	0.34066	0.35088	0.28327	0.59130	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Mutagenic HP11	≥1%		0.00620	0.00453	0.00486	0.00285	0.00336	0.00000	0.00000	0.00000	0.00000
Produces Toxic Gases HP12 Sulphide	≥1,400mg/kg		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Produces Toxic Gases HP12 Cyanide	≥1,200mg/kg		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Produces Toxic Gases HP12 Thiocyanate	≥2,600mg/kg		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HP13 Sensitising	≥10%		0.00707	0.00497	0.00601	0.00322	0.00387	0.00000	0.00000	0.00000	0.00000
Ecotoxic HP14 amended v6	≥25%	<0.1%	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000

Haswaste, developed by Dr. Iain Haslock.

Please enter available data in the rows associated with the test (grey) cells. Calculation cells initially display either "0.0000" or "#DIV/0!".
If any calculation cells below state "0.00000", testing has NOT been undertaken that contributes to that Hazardous Property.

Site Code and Name										
TP/WS/BH			HP1	HP2	HP3	HP4	HP5				
Depth (m)			0.20 - 0.30	0.50 - 0.60	1.00 - 1.20	0.10 - 0.30	0.30 - 0.50				
Envirolab reference			22/12312/1	22/12312/2	22/12312/3	22/12312/4	22/12312/5				
Ecotoxic HP14 amended v6	≥25%	<0.1% (except Be, V, Te, Tl, Petrol, Diesel, Crude Oil, Kerosene, White Spirit, Crosote, TPH, TPHCWG, Phenol, Cresols, Xylenols, T-Phenols, CompCN, Thiocyanate, Toluene, Ethylbenzene, Xylene + BTEX 1%).	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Ecotoxic HP14 amended v6	≥25%	<0.1% (except Be, V, Te, Tl, Petrol, Diesel, Crude Oil, Kerosene, White Spirit, Crosote, TPH, TPHCWG, Phenol, Cresols, Xylenols, T-Phenols, CompCN, Thiocyanate, Toluene, Ethylbenzene, Xylene + BTEX 1%).	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0.00000	0.00000	0.00000	0.00000
Persistent Organic Pollutant (PCB, PBB or POP Pesticides)	>0.005%		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Persistent Organic Pollutant (Total Dioxins+Furans)	>0.0000015%		0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Persistent Organic Pollutant (Individual Dioxins+Furans)	>0.0000015%		0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

If other contaminants need adding to Haswaste, please contact Envirolab.