

GROUND INVESTIGATION REPORT
Proposed Industrial Development
Canford Energy Park, Bournemouth, Hampshire

Prepared for: Canford Renewable Energy

Date: November 2022

Report No: EX-21-001/GIR




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REPORT TITLE : **Ground Investigation Report:**
Proposed Industrial Development
Canford Energy Park, Bournemouth, Hampshire

REPORT STATUS : **Final**

REVISION : **02**

Revision	Date	Comments
01	November 2022	Updated Gas Monitoring Results
02	November 2022	Updated gas risk assessment and formatting issues

JOB NUMBER : **EX-21-001/GIR**

DATE : **November 2022**

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EXECUTIVE SUMMARY

Proposals	Canford Renewable Energy is proposing the construction of a new commercial development within land at Canford Energy Park, Bournemouth, Hampshire. The proposed development will consist of an Energy from Waste (EfW) Incinerator building and associated infrastructure														
Geology	The Geological Map of the area shows the site to be underlain by the Poole Formation, which typically comprises both sand and clay units Superficial River Terrace Deposits are shown to overlie the bedrock geology, which typically comprise of sand and gravel, locally with lenses of silt, clay or peat														
Field Investigation	<p>The site works were undertaken during June and July 2022 and comprised 3No. rotary dynamic sampled and cored boreholes, 3No. cable percussive boreholes, 19No. mini percussive boreholes, 8No. cone penetration tests, 5No. machine excavated trial pits and 1No. in-situ soakaway test. The ground conditions can be summarised as below:</p> <table border="1" data-bbox="448 770 1449 1061"> <thead> <tr> <th>Stratum</th> <th>Depth From (m)</th> <th>Depth to (m)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Made Ground</td> <td>0.00</td> <td>6.00 / 7.70</td> <td>Loose multicolored sandy GRAVEL, gravelly SAND and sandy CLAY with anthropogenic inclusions.</td> </tr> <tr> <td>Bedrock</td> <td>6.00 / 7.70</td> <td>>30.00</td> <td>Stiff bluish grey and grey silty (sandy) CLAY, Interbedded with Dense bluish grey slightly clayey silty fine to medium SAND</td> </tr> </tbody> </table> <p>Post investigation monitoring has confirmed groundwater levels between 4.20m and 7.43m bgl.</p>			Stratum	Depth From (m)	Depth to (m)	Description	Made Ground	0.00	6.00 / 7.70	Loose multicolored sandy GRAVEL, gravelly SAND and sandy CLAY with anthropogenic inclusions.	Bedrock	6.00 / 7.70	>30.00	Stiff bluish grey and grey silty (sandy) CLAY, Interbedded with Dense bluish grey slightly clayey silty fine to medium SAND
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Contamination Risk Assessment	Chemical Testing & Evaluation	The determinants tested were all present at concentrations below the relevant guidelines and therefore, there are no contaminants of concern. Therefore, it is considered that the human health risks are low with respect to the proposed end use and that no mitigation measures will be required for the development.													
	Aquatic Environment	Risk Assessment has confirmed a low risk to the aquatic environs based on the chemical evaluation and environmental setting of the site.													
	Gas Migration	A GSV of 0.039 l/hr classifies the site as Very Low Risk and as 'Gas Characteristic Situation 1' in accordance with CIRIA guidance C665 (2007).													
Engineering Recommendations	Foundation and Floor Slab Solution	<p>It is recommended that a deep piled foundation solution be adopted for the development. A CFA/bored pile should be used to penetrate through the Made Ground into the underlying Poole Formation.</p> <p>Pile depths will be a function of the required loads and pile diameters. It is understood that a typical pile load of 1,500 kN is expected. To achieve this required loading, it is anticipated that average pile lengths will be between 16.00 and 20.00 m for 0.90 and 0.60 m diameter piles respectively. The estimated working loads, type and length of piles should be confirmed by the specialist piling contractor.</p>													
	Storm Drainage	Due to the nature of the Made Ground deposits and slow infiltration recorded it is likely that soakaways will not be feasible at the site.													
	Highways	Based on in-situ testing and extensive depth of variable Made Ground encountered, it is recommended a CBR value of 1% is adopted for the site													
	Buried Concrete	Using guidance within BRE Special Digest 1 (2005) it is recommended that any buried concrete within the site conforms to Design Class DS-1 and ACEC class AC-1													

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Drawing 2.1: Site Location Plan
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Drawing 3.2: SPT vs Depth
Drawing 6.1: Revised Site Conceptual Model

SECTION 1 Introduction and Proposed Development

Canford Renewable Energy is proposing the construction of a new commercial development within land at Canford Energy Park, Bournemouth, Hampshire. The proposed development will consist of an Energy from Waste (EfW) Incinerator building and associated infrastructure.

Terra Firma (South) have been commissioned as Geotechnical and Geo-Environmental Engineers to carry out a Ground Investigation of the site.

The main objectives of the geo-technical ground investigation were to:

- Determine the type, strength and bearing characteristics of the near surface soils and underlying bedrock geology.
- Provide recommendations for a suitable and economic foundation/floor slab solution for the development.
- Provide recommendations with regard to any other geo-technical aspects pertaining to the development.

The main objectives of the geo-environmental assessment programme were to:

- Identify the potential environmental liabilities at the site associated with any soil and groundwater contamination from past site uses.
- Provide a summary of the environmental conditions at the site, together with any necessary remediation works to render the site fit for its intended use.
- Provide recommendations with regard to any other geo-environmental aspects pertaining to the development.

The Ground Investigation has been undertaken in accordance with the following advisory guidance:

- Code of Practice for Site Investigations - (BS 5930): 2015 + A1:2020
- Investigation of Potentially Contaminated Sites - CoP (BS 10175): 2011 + A2:2017
- Methods of test for soils for civil engineering purposes - In-situ tests (BS 1377-9):1999

In order to achieve the above objectives, Terra Firma (South) carried out an assessment programme including a review of existing data, followed by a field investigation to determine the prevailing ground conditions and also to collect and analyse soil samples from selected locations around the site.

1.1 Limitations and Exceptions of Investigation

Canford Renewable Energy has requested that a Ground Investigation Report (GIR) be performed in order to establish the ground conditions at the site and collect representative samples for laboratory analysis.

The Ground Investigation was conducted, and this report has been prepared for the sole internal reliance of Canford Renewable Energy and their design and construction team. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Terra Firma (South). If an unauthorised third party comes into possession of this report, they rely on it at their peril and the authors owe them no duty of care and skill.

The report represents the findings and opinions of experienced geo-environmental and geo-technical consultants. Terra Firma (South) does not provide legal advice and the advice of lawyers may also be required.

The subsurface geological profiles, any contamination and other plots are generalised by necessity and have been based on the information found at the locations of the exploratory holes and depths sampled and tested.

The ground investigation was limited by the following site constraints:

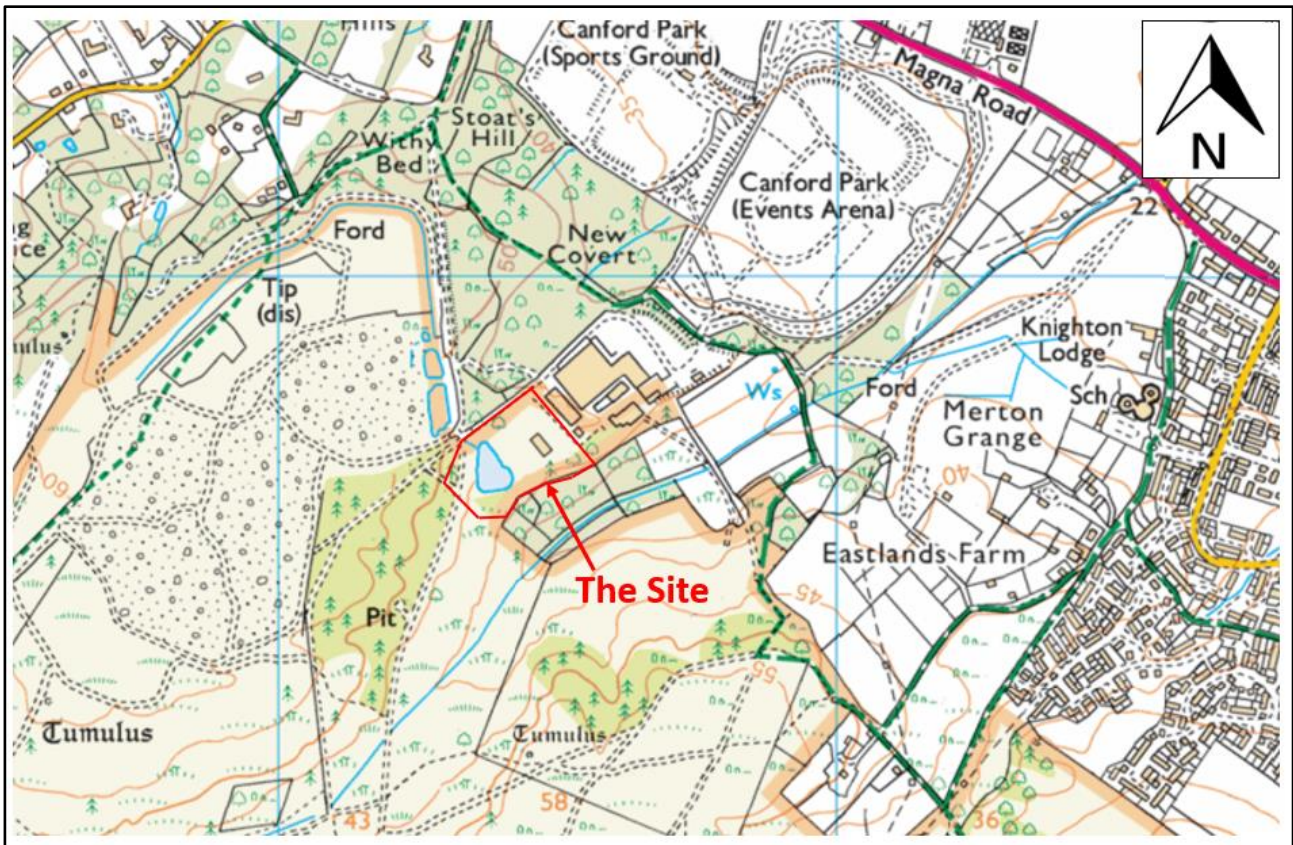
- The presence of underground services and utilities,
- The presence of existing buildings, structures and/or hard standing,
- The presence of access restrictions to the required locations,
- The presence of underground obstructions, structures and/or unexpected ground conditions,
- The unsecure and neglected nature of the site, and
- The presence of time restraints outside of our reasonable control.

SECTION 2 Site Setting

2.1 Physical Setting

The proposed development is to be located on land within Canford Energy Park, Bournemouth, Hampshire, BH21 3AL.

The site is centred approximately on National Grid Reference (NGR) 403415 096689. The site location is presented in **Drawing 2.1** below.



Drawing 2.1: Site Location Plan

The site is irregular in shape with a plan area of approximately 2.38 hectares and sits between approximately 42-54 m above ordnance datum (aod).

The topography of the site is typically flat. The topography of the surrounding area typically slopes towards the Southeast.

The site boundaries comprise the following:

- North – The northern boundary comprises of woodland and AMS Concrete facility.
- East – The eastern boundary comprises of Wimborne Recycling Centre, AMS Recycled Aggregates and Avon Material Supplies.
- South – The southern boundary comprises of woodland and fields.
- West – The western boundary comprises of woodland, Doset Concrete and ready 2 Mix Ltd.

2.1.1 Current Use and Site Conditions

A walk-over survey was undertaken on the 20th of June 2022 by a Terra Firma (South) Engineer.

The site is accessed via industrial roads circling Canford Energy Park. At the time of the walk-over survey the site currently comprises industrial recycling companies, operations and users.

The lake shown in the west of the site (Drawing 2.1) is no longer present and has been backfilled.

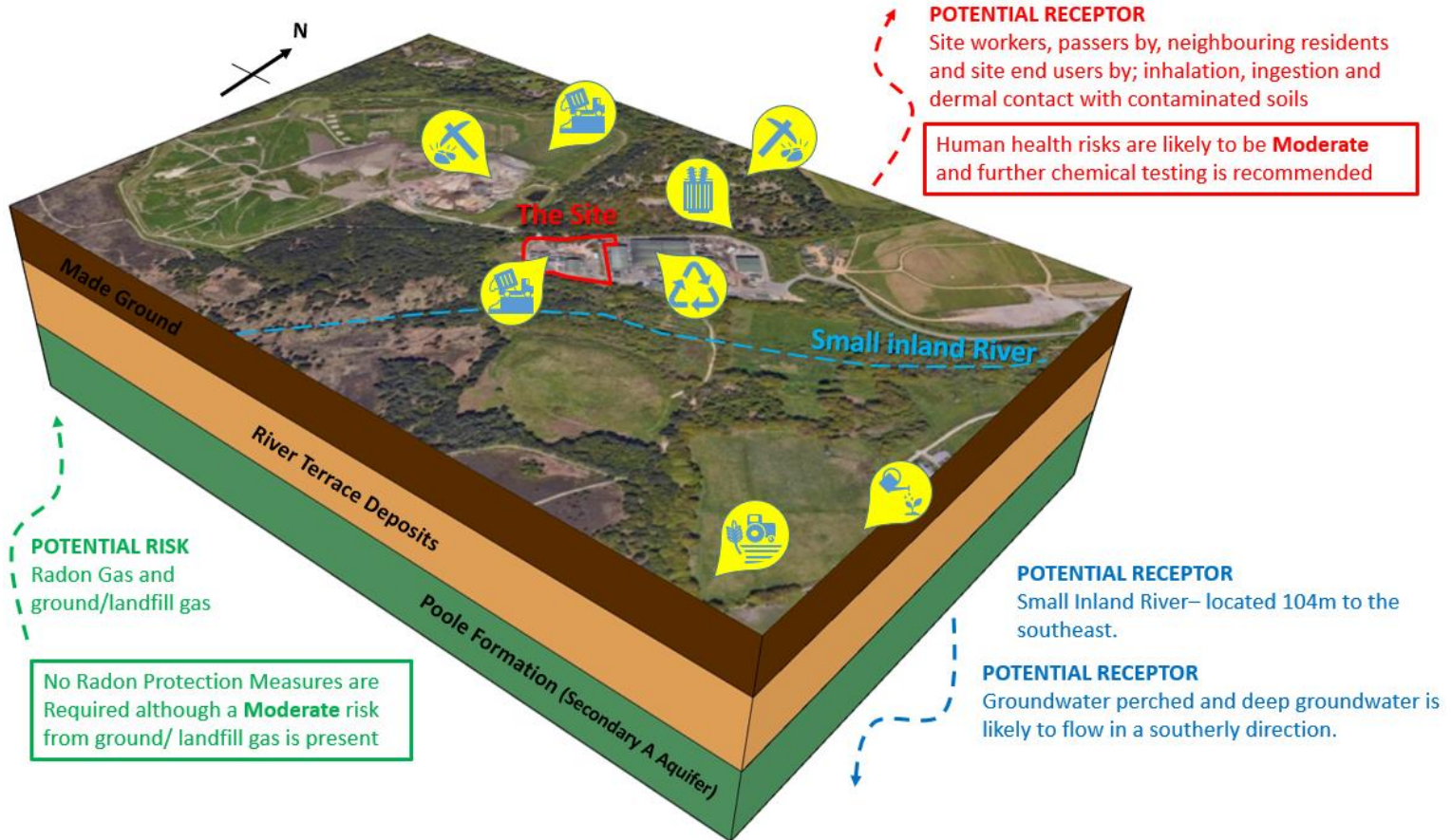
2.2 Phase 1 Risk Assessment

A Phase 1 Contaminated Land Risk Assessment was undertaken by Terra Firma (South) in September 2022 (Report No. EX-21-001/P1) and should be read in conjunction with this report. A summary of the report is detailed below:

Geology	<p>The Geological Map of the area shows the site to be underlain by the Poole Formation, which typically comprises both sand and clay units.</p> <p>Superficial deposits in the form of River Terrace Deposits - 10 are shown to overlie the bedrock geology of the area, which typically comprise of sand and gravel, locally with lenses of silt, clay or peat.</p>
Mining	In summary, the risk from underground and/or surface mining activity is likely to be Moderate .
Preliminary Geotechnical Risk Assessment	The preliminary geotechnical risk assessment has revealed that a Moderate risk is present from geotechnical aspects, with particular risk specifically associated with the likely presence of made ground and poor shallow ground conditions.
Recommendations	In order to confirm the above preliminary geotechnical risk assessment, it is recommended that a Phase 2 Intrusive Site Investigation is undertaken in order to determine the ground conditions and confirm relevant geotechnical aspects.
Potential Sources of Contamination	<p>On-site</p> <p>Historically, the site has typically comprised of woodland, marshland, heathland before becoming an overspill lake for the adjacent sand and gravel pit to the northwest sometime around 1989.</p> <p>Currently, the site comprises a vehicle / storage area for the adjacent industrial recycling companies' operations.</p>
	<p>Off-site</p> <p>Historically, the surrounding area (<250m) has typically comprised of several sand and gravel quarries, farming land/nurseries and landfill sites.</p> <p>Present day and historical uses of the surrounding area have a number of potential contamination sources including quarries with subsequent landfilling and adjacent recycling centre.</p>
	<p>Gas Migration</p> <p>Due to the presence of influencing landfills, underlying organic material (e.g. peat) and significant Made Ground, the presence of ground gas cannot be ruled out.</p>
Preliminary Human Health & Environmental Risk Assessment	<p>The preliminary human health and environmental risk assessment has revealed that due to the sites and surrounding areas current and past land uses that a Moderate risk is present from contamination present beneath the site, with particular risk specifically associated with the on-site historic made ground and current site operations of off-site quarrying/landfilling and adjacent recycling centre.</p> <p>In addition, a Low risk is present from the migration of radon gas, a Moderate risk from the migration of landfill gas and a Moderate risk from the migration of ground gas.</p>
Recommendations	Based on a Moderate overall risk rating, in order to confirm the above preliminary human health and environmental risk assessment it is recommended that a Phase 2 Ground Investigation is undertaken comprising site specific soil chemical testing in order to determine the ground conditions, soil chemistry and any environmental liability associated with the site.

2.2.1 Preliminary Illustrative Site Conceptual Model

The following illustration represents a theorised model through the site. The drawing is generalised and not to scale.



Drawing 2.2: Preliminary Conceptual Site Model

SECTION 3 Field Investigation

3.1 General

The site works were scoped by Terra Firma (South) and MVV Environmental Ltd and comprised the following:

- 3No. rotary dynamic sampled and cored boreholes (R01, R04 and R05),
- 3No. cable percussive boreholes (CP02, CP04 and CP06),
- 19No. mini percussive boreholes (WS01-03, 06, 07, 09, 13-15 and 17-26),
- 8No. cone penetration tests (CPT01-08),
- 5No. machine excavated trial pits (TP01, TP02, TP04, TP06 and TP09), and
- 1No. in-situ soakaway tests (TP09).

The site works were carried out at the site between the 20th of June and 21st of July 2022.

Prior to the site works, the following Health and Safety measures were undertaken:

- Risk Assessment & Method Statement (RAMS) was issued and approved beforehand,
- Underground Utility Plans were obtained from the relevant Statutory Undertakers,
- Underground Utilities were marked out by the relevant Statutory Undertakers,
- Site meetings were held with Canford Renewable Energy to outline the schedule of works and arrange the necessary safety measures to be implemented,
- Before any excavation, all exploratory hole locations were scanned using a Cable Avoidance Tool (CAT), and
- Before any excavation, all exploratory holes were surveyed using Ground Penetrating Radar (GPR).

The exploratory holes were set out at locations provided by Terra Firma (South) and adjusted where necessary to take account of the site constraints detailed in Section 1.1.

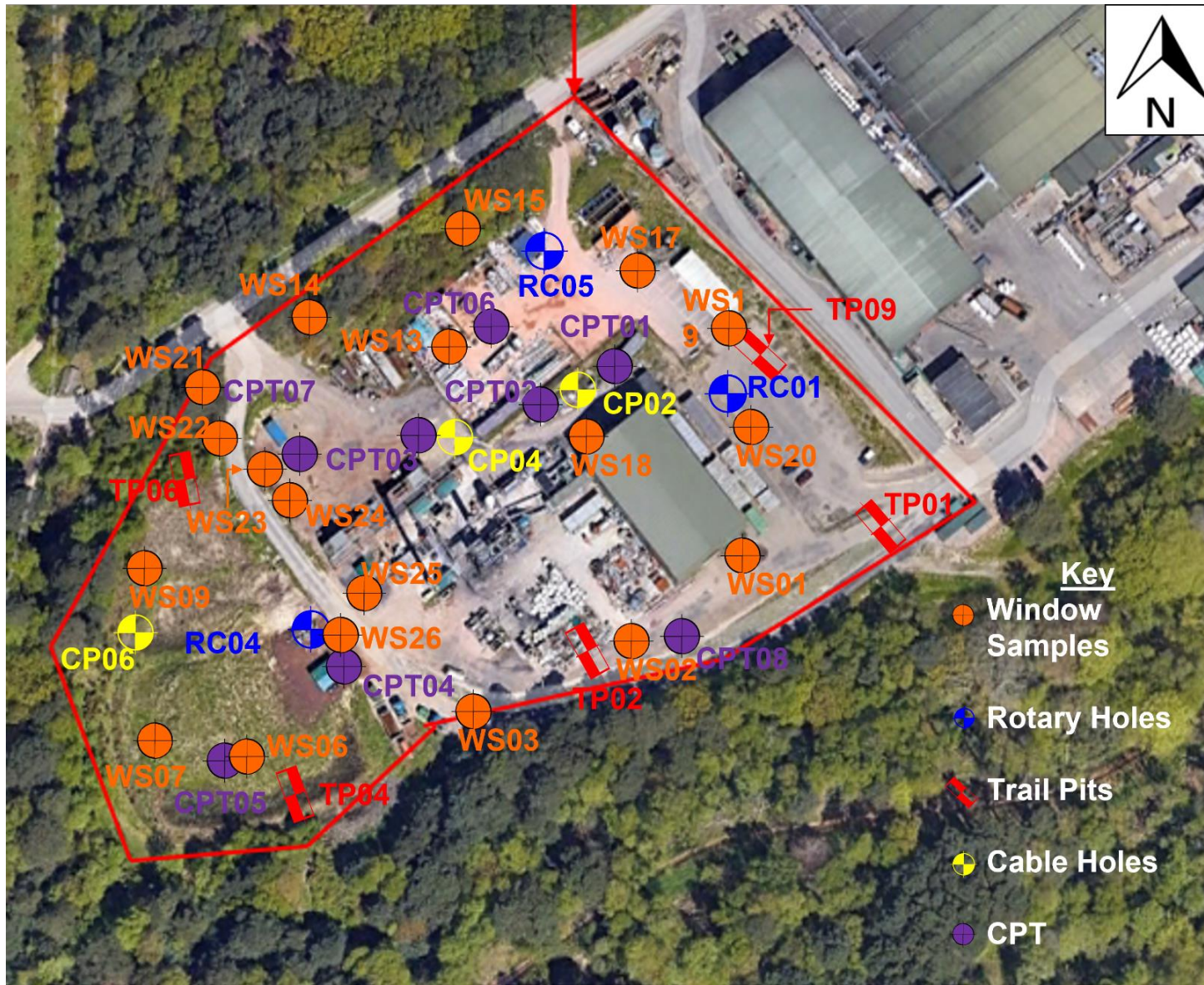
Approximate exploratory hole co-ordinates and levels were picked up post-investigation using a Global Positioning System (GPS) receiver and presented in the table below:

Table 3.1: Exploratory Hole Co-ordinates			
Exploratory Hole	Easting	Northing	Height AOD (m)
RC01	403489.8	96725.6	42.851
RC04	403388.5	96669.9	44.143
RC05	403441.5	96751.5	43.134
CP02	403445.7	96723.0	43.316
CP04	403424.4	96712.0	43.508
CP06	403361.6	96658.6	44.105
TP01	403523.1	96697.8	44.023
TP02	403460.7	96666.0	43.517
TP04	403364.8	96622.7	43.407
TP06	403356.3	96704.8	44.341
TP09	403499.1	96730.2	42.857
WS01	403492.1	96684.7	43.478
WS02	403467.8	96667.1	43.491
WS03	403429.0	96652.9	44.307
WS06	403399.3	96647.0	43.975

WS07	403368.8	96636.8	43.907
WS09	403355.5	96682.8	44.176
WS13	403424.1	96733.3	43.103
WS14	403395.2	96747.3	45.095
WS15	403421.3	96767.8	44.951
WS17	403460.4	96753.7	43.187
WS18	403456.5	96715.8	43.634
WS19	403488.8	96736.3	42.854
WS20	403495.0	96719.9	42.876
WS21	403360.0	96720.0	-
WS22	403367.8	96711.7	-
WS23	403380.6	96703.6	-
WS24	403387.2	96695.8	-
WS25	403405.8	96673.7	-
WS26	403395.9	96672.0	-
CPT01	403488.2	96721.5	42.861
CPT02	403465.5	96730.8	43.508
CPT03	403432.0	96711.2	43.459
CPT04	403394.2	96662.5	44.223
CPT05	403379.1	96639.7	43.875
CPT06	403443.9	96755.7	43.225
CPT07	403394.3	96737.1	-
CPT08	403496.2	96678.7	-

The site works were supervised by Terra Firma (South), who also logged the exploratory holes to the requirements of BS5930:2015 + A1:2020.

The exploratory hole logs and in-situ test results are presented in **Annex B** and **Annex C** respectively, and their locations shown on **Drawing 3.1** below.



Drawing 3.1: Exploratory Hole Location Plan

3.2 Exploratory Holes

3.2.1 Rotary Boreholes

The rotary boreholes were sunk using a Comacchio GEO 405 drilling rig.

The borehole was advanced using dynamic sampling and coring techniques. Air mist was used as the optimum flushing medium.

Dynamic Sampling/Coring

Dynamic Sampling was used to obtain core of the made ground and/or residual soil deposits.

Standard Penetration Tests using either a split spoon or solid cone (SPT(S/C)) were undertaken at regular depths during the drilling in accordance with BS EN ISO 22476-3.

Once down to bedrock the borehole was cored to the specified depth.

Cores were placed in core boxes prior to transporting to Terra Firma (South) for logging and/or storage.

All rotary boreholes were installed with a gas and ground water monitoring pipe, the details of which are summarised in the section below.

3.2.2 Cable Percussive Boreholes

The cable percussive boreholes (200mm diameter) were sunk using a Dando 2000 cable drilling rig as described in EN ISO 22475-1:2006.

Due to the depth of drilling an additional mobilisation for further casing was required.

Standard Penetration Tests using either a split spoon or solid cone (SPT(S/C)) were undertaken at regular depths during the drilling in accordance with BS EN ISO 22476-3. Typically, tests were undertaken at the base of an inspection pit and every metre for the first 5m, and then every 1.5m thereafter, a final test was undertaken at the base of each borehole.

Undisturbed (U100) and disturbed bulk/small soil samples were taken at regular depths during the drilling. Water samples were taken at each water strike.

All Cable Percussive Boreholes were installed with a gas and ground water monitoring pipe, the details of which are summarised in the section below.

During drilling, standing time/day works were incurred due to the following reasons:

- Site Inductions / Briefings (0.5 hour)
- Inspection Pits (3 hours)
- Collecting Water (2 hours)
- Chiselling through Made Ground obstructions (6 hours)
- Backfilling Holes / Clear-up (3 hours)

3.2.3 Mini Percussive Boreholes

The windowless sampling boreholes were bored using a Dando Terrier drilling rig.

Due to the presence of surface hard standing a concrete corer attachment or hydraulic breaker was used where necessary to progress drilling.

The windowless boreholes were used to recover soil samples. Standard Penetration Tests using either a split spoon or solid cone (SPT(S/C)) were undertaken at regular depths during the drilling in accordance with BS EN ISO 22476-3. Typically, tests were undertaken at the base of an inspection pit and every metre, a final test was undertaken at the base of each borehole.

All boreholes, with the exception of WS24, were backfilled using gravel.

Borehole WS24 was installed with a gas and ground water monitoring pipe, the details of which are summarised in the section below.

3.2.4 Borehole Installations

Groundwater and/or gas monitoring systems were installed in boreholes spread across the site, terminating below both the depth of made ground and groundwater.

The standpipe installation details for the boreholes are as follows:

Table 3.2: Standpipe Installation Details			
Borehole No.	Top of Response Zone (m bgl)	Bottom of Response Zone (m bgl)	Pipe Detail
RC01	9.00	16.80	Lockable Raised cover set in concrete surround
RC04	9.00	25.50	
RC05	9.00	30.00	Plain (50mm) to top of Response Zone with [gas valve /cap]
CP02	8.00	20.00	
CP04	7.00	20.00	Slotted (50mm) Response Zone with geotextile sock and gravel surround
CP06	1.00	17.40	
WS24	1.00	2.00	Top/Bottom sealed with bentonite

3.2.5 Machine Excavated Trial Pits

The trial pits were excavated using a 13t tracked excavator.

Due to the presence of surface hard standing a hydraulic breaker attachment was used where necessary to progress excavation.

Following completion of soil logging, in-situ testing and sampling, the trial pits were backfilled using arisings and re-compacted as best as practicably possible using the excavator backhoe. If necessary, the trial pit was left slightly proud in order to allow for short-term settlement.

3.3 In-situ Testing

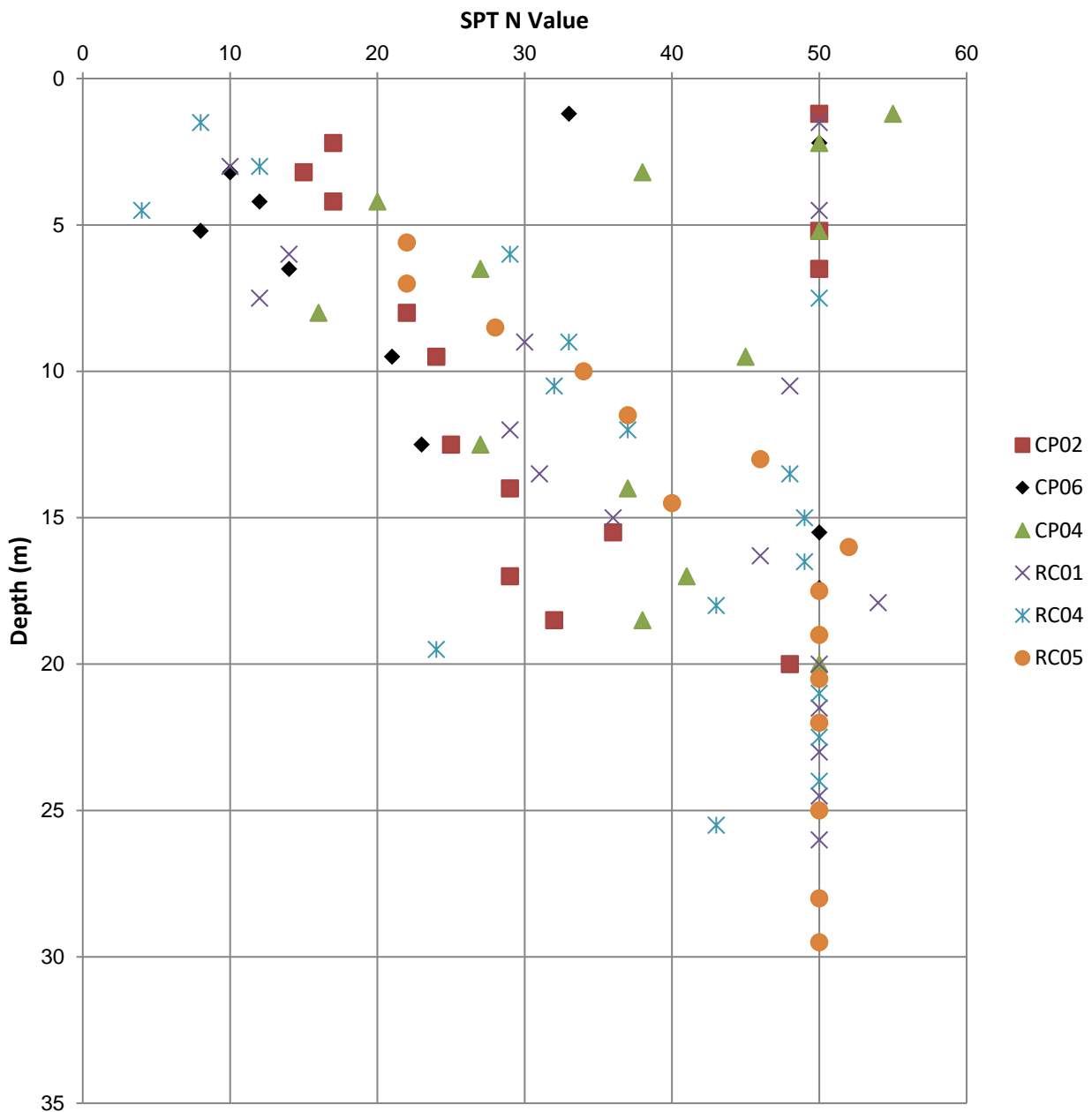
3.3.1 Strength Testing

Standard Penetration Test (SPT)

SPT N Values taken within the Made Ground revealed an average N value of 37 (Range 4 to >50).

SPT N Values taken within the Bedrock revealed an average N value of 38 (Range 12 to >50).

Drawing 3.2 below presents the distribution of SPT N values against depth (mbgl).



Drawing 3.2: SPT vs Depth

3.3.2 Permeability Testing

The in-situ permeability tests were undertaken within the excavated trial pits in order to provide a soil infiltration rate to be used in soakaway design. A 2000-gallon tractor-towed bowser was used to rapidly fill the pit with water. Due to the quantity of water required, 2No. bowser refills were required.

During the site investigation, in-situ permeability tests were undertaken within TP09 and where possible were carried out to the requirements of BRE Digest 365.

The appropriate calculation sheets are presented in **Annex B** and the results given in the table below.

Table 3.3: Infiltration Test Results

Soak away Test	Depth (m)	Type	Soil Type	Infiltration Rate (m/s)
TP09	3.00	Storm Drainage	Made Ground	*N/A

Notes:

- * The test did not drain sufficiently (75% effective depth) to give an infiltration rate

Further soakaways were attempted at TP04 and TP06 but due to continued collapse of the side walls the test was terminated on safety grounds.

3.3.3 Plate Load Testing

The in-situ plate load tests (5No.) were carried out at formation level to the requirements of BS1377: Part 9: 1990 using an 600mm diameter plate with a 13-tonne mechanical excavator utilised as a reaction frame (kentledge). The plate load tests were carried out to a maximum loading in excess of the design load.

The in-situ plate load tests were carried out in accordance with 'Methods of test for soils for civil engineering purposes – Part 9 (BS 1377): 1999'.

Due to the variable soft Made ground underlying the entirety of the site, none of the 5No. tests within formation levels registered a CBR result and therefore a value of <1% can be assumed for across the site.

3.3.4 Cone Penetration Testing

The Cone Penetration Test (CPT) holes were carried out using a 20-ton CPT wheeled rig. The CPT holes were undertaken to determine the soil profile and to enable in-situ pressure meter testing.

A summary of the CPT depths is given below.

Table 3.4: CPT hole details

Borehole No.	Final Depth	Comments
CPT01	0.83	Terminated due to refusal
CPT02	2.48	Terminated due to refusal
CPT03	1.74	Terminated due to refusal
CPT04	2.27	Terminated due to refusal
CPT05	5.07	Terminated due to refusal
CPT06	0.25	Terminated due to refusal
CPT07	21.84	Terminated due to refusal
CPT08	11.93	Terminated due to refusal

The CPT report from In-Situ Site Investigation (Report No. 1220328) has been included in **Annex A**.

3.4 Sampling

3.4.1 Sampling Quality Assurance

Care was taken to ensure that sampling quality assurance occurred during site works. This included the following measures:

- The use of nitrile gloves at each sampling point.
- Stainless steel shovels were used to collect soil samples. The tool was cleaned with distilled water between each sample point.

- Soil samples were stored at a temperature below 4 degrees.
- Soil samples were stored within sample containers according to the chemical testing required.
- No head space was left in sample containers.

3.4.2 Soil Chemical Test Sampling Regime

During the intrusive investigation small disturbed soil and/or water samples were collected for chemical testing.

The sample locations and depths are illustrated in the table below:

Table 3.5: Chemical Test Sample Descriptions		
Sample No.		Sample Type
WS01	0.40	Made Ground
WS01	0.10	Made Ground
WS02	0.80	Made Ground
WS02	1.50	Made Ground
WS03	0.50	Made Ground
WS03	1.30	Made Ground
WS06	2.05	Made Ground
WS07	0.30	Made Ground
WS07	0.60	Made Ground
WS09	1.00	Made Ground
WS09	1.40	Made Ground
WS13	0.30	Made Ground
WS14	0.90	Made Ground
WS14	0.30	Made Ground
WS15	0.30	Made Ground
WS17	0.75	Made Ground
WS17	0.45	Made Ground
WS19	0.20	Made Ground
WS20	0.60	Made Ground
WS20	0.30	Made Ground
WS21	0.40	Made Ground
WS21	1.25	Made Ground
WS22	1.10	Made Ground
WS23	0.20	Made Ground
WS23	0.05	Made Ground
WS24	1.00	Made Ground
WS24	1.80	Made Ground
WS25	1.30	Made Ground
WS26	1.80	Made Ground
WS19	0.60	Made Ground

3.4.3 Soil Property Test Sampling Regime

During the intrusive investigation bulk soil samples were collected for soil property testing.

The sample locations and depths are illustrated in the following table:

Table 3.6: Soil Property Test Sample Laboratory Descriptions

Sample No.	Sample Type	Description	
RC04	10.50	B	Soft grey silty CLAY
RC04	12.00	B	Grey mottled brown silty CLAY
RC04	19.00	B	Stiff grey silty CLAY
RC04	22.50	B	Light grey silty CLAY (Dessicated)
RC05	24.50	B	Stiff grey sandy clayey SILT
TP01	2.50	MG	-
TP06	1.00	MG	-
TP06	1.50	MG	Dark brown slightly gravelly sandy silty CLAY with occasional roots and shell fragments
TP06	4.00	MG	Loose orangish brown slightly gravelly silty medium to coarse SAND
TP09	1.00	MG	Loose brownish grey angular to well-rounded fine to coarse sandy GRAVEL of crushed concrete, brick, flint and asphalt

Notes

- Sample Type: MG (Made Ground), B (Bedrock)

3.5 Groundwater and Gas Monitoring

Groundwater and gas monitoring wells were installed within RC01, RC04, RC05, CP02, CP04, CP06 and WS24. The monitoring pipes were 50mm diameter pipe comprising 1.00m plain pipe and the remainder slotted to between 1.00m and 30.00m depth. A layer of bentonite was placed at the top and bottom of the response zone in order to seal it.

An initial programme of in-situ gas monitoring (4 Visits) for the presence of methane, carbon dioxide and oxygen was implemented following completion of the installations. The barometric pressure of the atmosphere and flow rate was also measured at the time of monitoring.

Groundwater monitoring was also completed to assess groundwater levels across the site. The table below presents the standing groundwater levels recorded for each borehole.

Table 3.7: Summary of Groundwater Monitoring

Date	GWL (metres BGL)			
	06/09/22	29/09/22	18/10/22	28/10/22
Time of Monitoring (GMT)	15:00	12:00	11:30	11:45
RC01	*	*	*	*
RC04	7.43	*	*	*
RC05	*	*	*	*
CP02	4.20	2.00	1.66	1.40
CP04	5.10	2.90	1.32	1.25
CP06	*	*	-	*
WS24	*	*	0.79	0.63

Notes:

- GWL (BGL) – Groundwater Level (Below Ground Level)
- * Headworks vandalized/borehole inaccessible. Unable to monitor.

The results of the gas monitoring are presented in **Annex G**.

SECTION 4 Ground Conditions

4.1 Summary

The ground conditions encountered by the exploratory holes were variable across the site and but can in general be summarised as shown in the following table:

Table 4.1: Summary of Ground Conditions					
Depth (mbgl)		Thickness (m)		Stratum	
From	To	Min	Max		
0.00	6.00 / 7.70	6.00	7.70	Loose multicolored sandy GRAVEL, gravelly SAND and sandy CLAY with anthropogenic inclusions.	<i>Made Ground</i>
6.00 / 7.70	>30.00	>24.00		Stiff bluish grey and grey silty (sandy) CLAY Interbedded at depth with: Dense bluish grey slightly clayey silty fine to medium SAND	<i>Poole Formation</i>

Within trial pits, the estimated strength of granular deposits was determined from visual assessment only (ease/difficulty of excavation and pit stability).

4.2 Stability

The sides of the excavations were typically found to be unstable, with side wall collapse noted.

Due to the hole instability telescopic 200mm and 150 mm diameter casing was needed to advance the boreholes.

4.3 Strata Details

4.3.1 Made Ground

The Made Ground was encountered within all exploratory holes.

In general, the depth of the Made Ground was between 6.00m and 7.70m thick. The full extent of the Made Ground was only proven in the deep boreholes (RC01, RC04, RC05, CP01, CP04 and CP06).

The Made Ground typically comprised variable deposits of gravel, sand and clay with numerous anthropogenic inclusions including cobbles of concrete.

4.3.2 Poole Formation

The Poole Formation was only encountered within the deep boreholes (RC01, RC04, RC05, CP01, CP04 and CP06) and typically comprised a stiff bluish grey and grey silty (sandy) CLAY. This typically became interbedded with dense bluish grey SAND at depth.

4.4 Water Strikes

Groundwater encountered by the exploratory holes can in general be summarised as shown in the following table:

Table 4.2: Summary of Groundwater				
Hole Location	Groundwater Strike Depth (mbgl)	Groundwater Depth (mbgl) after 20 mins	Comments	Water Bearing Strata
CP02	8.00	4.80	Sub artesian strike	B
CP04	10.00	7.85	Sub artesian strike	B
CP06	9.80	9.45	Slight rise	B
	17.20	15.20	Sub artesian strike	B

Notes

- Water Bearing Strata: B (Bedrock)

Water strikes were encountered within the deep rotary boreholes (RC01, RC04 and RC05). However due to the drilling technique of using air mist flush, the exact depth of the water strike could not be determined.

SECTION 5 Laboratory Chemical Testing

5.1 General

During the recent site works, 30No. soil samples were taken and dispatched to the laboratories of Chemtest for laboratory chemical testing.

The following chemical testing was undertaken:

Table 5.1: Summary of Chemical Testing Suites		
Inorganics	Metals	Arsenic (As), Cadmium (Cd), Chromium (Cr), Hexavalent Chromium (CrVI), Copper (Cu), Lead (Pb), Mercury (Hg), Nickel (Ni), Selenium (Se), Zinc (Zn)
	General	pH (acidity), Cyanide (CN ⁻), Sulphate (SO ⁴), Organic Matter (OM)
Organics		Phenol, Poly-Aromatic Hydrocarbons (PAH), Petroleum Hydrocarbons (PH): CWG, Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Volatile Organic Compounds (VOCs) / Semi-VOCs
Miscellaneous		Asbestos ID

The results of the above chemical tests are presented in **Annex C** and evaluated below.

5.2 Risk Assessment

5.2.1 Introduction

The results obtained from the investigation, which are discussed in detail in Section 5.3, were used to conduct an environmental risk assessment for the site. The risk assessment aimed to:

- Identify sensitive receptors
- Determine pathways for contaminant migration to the receptors
- Estimate contaminant impact on receptors
- Establish whether remedial action is required
- Calculate remediation target levels if required

The future use of the site i.e. whether it is to be used for residential or commercial has an impact on any risk assessment. As the site is expected to comprise an energy from waste facility, soil guidance values (SGV) for a commercial end-use has been adopted.

5.2.2 Methodology

Soils

Environmental risk assessment evaluates the risk to receptors via an analysis of the 'source-pathway-target' linkage. In order for a risk to be present, there must be a contaminant source capable of causing a health risk, a vulnerable receptor, and a pathway linking the two.

This sort of risk assessment is usually conducted using a tiered approach. Tier 1 consists of a comparison of the analytical results obtained from the site investigation with Soil Guideline Values (SGV's) specific to the type of development obtained from The Environment Agency Contaminated Land Exposure Assessment (CLEA) Guidelines.

The CLEA model, technical guidance and Soil Guideline Values are currently under review, as a direct result of the publication published by DEFRA (2006) 'Soil Guideline Values: The Way Forward'. The technical guidance CLR 9 and CLR 10 have been superseded by Science Reports (SR) 2 and SR3.

Whilst the toxicological and risk assessment framework is under review, the laboratory soil chemical test results have been evaluated by comparison with published Generic Assessment Criteria (GAC), with preference in the following order:

1. Category 4 Screening Levels (C4SLs) - Department for Environment, Food and Rural Affairs (DEFRA, 2014),
2. Suitable for Use Levels (S4ULs) - Land Quality Management & Chartered Institute of Environmental Health (LQM & CIEH, 2015),
3. Soil Guideline Values (SGVs) - EA / DEFRA, 2002-2009,
4. Generic Assessment Criteria (GAC) - Contaminated Land: Applications in Real Environments (CL:AIRE, 2010), and
5. Generic Assessment Criteria (GAC) derived by Terra Firma (South).

In the absence of a GAC, the laboratory Limit of Detection (LoD) has been used for comparison in order to establish the presence/absence of determinants and for initial screening purposes.

The above sources typically have derived GAC with reference to the EA's Contaminated Land Exposure Assessment (CLEA) model and using the CLEA software.

All receptor profiles, source inputs and toxicological parameters comply with both peer reviewed literature and CLR 7 to CLR 10. As with SGV's the SSV's and CIEH GAC are not yet updated to SR2 and SR3.

Should Tier 1 levels be exceeded, a choice is made either to remediate the site to conservative Tier 1 levels, or proceed to Tier 2.

Tier 2 makes use of site-specific data to evaluate acceptable concentrations of chemicals for the particular conditions present at the site.

At each tier, the amount and detail of investigation work increases as more site-specific data are needed to refine the characterisation of the site. Conversely, as site conditions are better understood, a more site-specific remediation strategy can be determined.

Controlled Waters

In the case of groundwater and/or leachate, the acceptable concentrations are sourced from the Environment Agency Chemical Standards Report for each individual substance. The report presents a variety of target concentrations specific to protection goals and environmental media in which the standard applies. The most applicable protection goal and environmental media for this project is the protection of aquatic life in a freshwater environment.

Where there is no standard for a freshwater environment, the target concentrations are derived from UK standards for drinking water (for human consumption). In the absence of any published guideline, a conservative threshold is suggested.

5.2.3 Assessment of Zones/Areas

Following initial findings from the Phase 1 Desk Study and subsequent Ground Investigation, a site can be zoned into separate areas, for the purposes of contamination assessment. This zoning can be based on the sites previous history and/or from the proposed end use of the site. These zones can then be subdivided into

averaging areas which in turn can be assessed for differing soil types and potentially differing pathways. Each averaging area can then be considered independently of each other for human health exposure assessment.

Based upon a site end use of an energy from waste facility and the findings from the Phase 1 Desk Study and Ground Investigation it is proposed that the site be treated as a single zoned site.

5.2.4 Sources

The sources of contamination considered in the risk assessment are taken to be concentrations of chemicals beneath the site.

5.2.5 Pathways

The various pathways considered in the risk assessment are summarised in the table below:

Table 5.2: Summary of Potential Contamination Pathways	
Potential Contamination Pathway	
Human Health	Ingestion of soil and soil dust
	Dermal contact (Inc. eye uptake) with soil, soil dust and water
	Inhalation of soil particles, dust, asbestos and vapours, both indoors and outdoors
	Inhalation of landfill / ground gas, accumulation and risk of explosion
	Contaminant permeation of drinking water pipes and ingestion of contaminated water supply
Aquatic Environment	Surface water runoff
	Migration of surface water into underlying soils and groundwater
	Leaching of contaminants via groundwater transport into the wider aquatic environment – surface waters and groundwater

5.2.6 Potential Receptors

A summary of the potential affected receptors at the site are summarised in the table below:

Table 5.3: Summary of Potentially Affected Receptors
Potentially Affected Receptors
Construction Workers
Neighbouring Site Users
Passers-by
Maintenance Contractors
Employees / Visitors
Persons who may come into contact with water in the vicinity of the site
Vegetation from phytotoxic contaminants
Building Materials from aggressive ground conditions
The underlying secondary aquifer
Nearby surface waters and the aquatic life within

5.3 Evaluation of Analytical Results

5.3.1 Soils

A summary of the Inorganic (Metals) soil chemical test results are shown in the table below.

Table 5.4: Soil Chemical Test Results – Inorganics (Metals)					
Substance	Land Use / Guideline Values (mg/kg)	Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
	Commercial	Min	Max		
Arsenic	640	2.3	9.3	0	-
Cadmium	410	0.1	0.21	0	-
Chromium	8600	4	250	0	-
Chromium III	8600	4	250	0	-
Chromium VI	49	0.5	0.5	0	-
Copper	68000	1.4	350	0	-
Lead	2330	5.2	60	0	-
Mercury (Total)	1100	0.05	0.25	0	-
Nickel	980	0.78	120	0	-
Selenium	12000	0.25	0.45	0	-
Zinc	730000	6	79	0	-

Notes

- C4SL - Provisional Category 4 Screening Levels
- S4UL - Suitable for Use Levels
- A total of 30 representative soil samples were tested for these substances

A summary of the Inorganic (General) soil chemical test results are shown in the table below.

Table 5.5: Soil Chemical Test Results – Inorganics (General)					
Substance	Land Use / Guideline Values (mg/kg)	Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
	Commercial	Min	Max		
pH (pH Units)	Considered in BRE SD1, BS3882, BS8601 and/or UKWIR	5.9	10.1	0	-
Cyanide (Total)	480	0.5	1.3	0	-
Organic Matter	Considered in Organic Contaminant Guideline Value Assessment, BS3882 and/or BS8601	0.4	10	0	-
Sulphate (Total) (%)	Considered in BRE SD1	0.016	0.5	0	-

Notes

- SGV - Soil Guideline Value
- BRE SD1: 2005 - Concrete in Aggressive Ground
- BS 3882: 2015 - Specification for Topsoil
- BS 8601: 2013 - Specification for Subsoil and requirements for use
- A total of 30 representative soil samples were tested for these substances

A summary of the Organic (General) soil chemical test results are shown in the table below.

Table 5.6: Soil Chemical Test Results – Organics (General)							
Substance	Land Use / Guideline Values (mg/kg)		Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL	
	Commercial		Min	Max			
Total Phenol	SOM						
	1	440	0.1	2.2	0	-	
	2.5	690			0		
6	1300	0					
Total PAH*		-	2	130	-	-	
Total EPH (C10-C40)**		-	10	2000	-	-	
BTEX	Benzene		0.001	0.001	0	-	
	Toluene	1	56000	0.001	0.001	0	-
		2.5	110000			0	
		6	180000			0	
	Ethylbenzene	1	5700	0.001	0.001	0	-
		2.5	13000			0	
		6	27000			0	
	Xylene***	1	5900	0.001	0.001	0	-
		2.5	14000			0	
		6	30000			0	
	Methyl tert-butyl ether (MTBE)	1	7900	0.001	0.001	0	-
		2.5	13000			0	
6		24000	0				

Notes

- C4SL - Provisional Category 4 Screening Levels
- S4UL - Suitable for Use Levels
- CL:AIRE - Generic Assessment Criteria (GAC)
- SOM - Soil Organic Matter
- * Total PAH - Poly-Aromatic Hydrocarbons, EPA 16 (See Speciated PAH Results Table)
- ** Total EPH – Extractable Petroleum Hydrocarbons, Ali/Aro (See Speciated PH Results Table)
- *** - Guideline Value based on worse case of O, M or P - Xylene
- - No comparable Guideline Value
- A total of 30 representative soil samples were tested for these substances

In order to accurately assess the risk from Total PAH, speciation was undertaken, which splits the total PAH concentration into its sixteen components.

A summary of the Organic (Speciated PAH) soil chemical test results are shown in the table below.

Table 5.7: Soil Chemical Test Results – Organics (Speciated PAH)						
Substance	Land Use / Guideline Values (mg/kg)		Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
	Commercial		Min	Max		
Naphthalene	SOM					
	1	190	0.1	3	0	-
	2.5	460			0	
6	1100	0				
Acenaphthylene	1	83000	0.1	0.72	0	-
	2.5	97000			0	

	6	100000			0	
Acenaphthene	1	84000	0.1	2.3	0	-
	2.5	97000			0	
	6	100000			0	
Fluorene	1	63000	0.1	2.1	0	-
	2.5	68000			0	
	6	71000			0	
Phenanthrene	1	22000	0.1	13	0	-
	2.5	22000			0	
	6	23000			0	
Anthracene	1	520000	0.1	3.6	0	-
	2.5	540000			0	
	6	540000			0	
Fluoranthene	1	23000	0.1	20	0	-
	2.5	23000			0	
	6	23000			0	
Pyrene	1	54000	0.1	18	0	-
	2.5	54000			0	
	6	54000			0	
Benzo(a)anthracene	1	170	0.1	9.6	0	-
	2.5	170			0	
	6	180			0	
Chrysene	1	350	0.1	11	0	-
	2.5	350			0	
	6	350			0	
Benzo(b)fluoranthene	1	44	0.1	13	0	-
	2.5	44			0	
	6	45			0	
Benzo(k)fluoranthene	1	1200	0.1	5.1	0	-
	2.5	1200			0	
	6	1200			0	
Benzo(a)pyrene		77	0.1	10	0	-
Indeno(1,2,3-cd)pyrene	1	500	0.1	7.8	0	-
	2.5	510			0	
	6	510			0	
Dibenzo(a,h)anthracene	1	3.5	0.1	3	0	-
	2.5	3.6			0	
	6	3.6			0	
Benzo(g,h,i)perylene	1	3900	0.1	11	0	-
	2.5	4000			0	
	6	4000			0	

Notes

- C4SL - Provisional Category 4 Screening Levels
- S4UL - Suitable for Use Levels
- SOM - Soil Organic Matter
- A total of 30 representative soil samples were tested for these substances

In order to accurately assess the risk from Total PH, speciation was undertaken, which splits the Total PH concentration into carbon bandings in accordance with the Total Petroleum Hydrocarbon Criteria Working Group (CWG).

A summary of the Organic (Speciated PH) soil chemical test results are shown in the table below.

Table 5.8: Soil Chemical Test Results – Organics (Speciated PH)							
Substance		SOM	Land Use / Guideline Values (mg/kg)	Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
			Commercial	Min	Max		
Aliphatic	VPH <C5-C6	1	3200	1	1	0	-
		2.5	5900			0	
		6	12000			0	
	VPH <C6-C8	1	7800	1	1	0	-
		2.5	17000			0	
		6	40000			0	
	VPH <C8-C10	1	2000	1	1	0	-
		2.5	4800			0	
		6	11000			0	
	EPH <C10-C12	1	9700	1	1	0	-
		2.5	23000			0	
		6	47000			0	
EPH <C12-C16	1	59000	1	1	0	-	
	2.5	82000			0		
	6	90000			0		
EPH <C16-C21 ⁺	1	1600000	1	670	0	-	
	2.5	1700000			0		
	6	1800000			0		
EPH <C21-C35 ⁺	1	1600000	1	160	0	-	
	2.5	1700000			0		
	6	1800000			0		
Aromatic	VPH <C5-C7	1	260000	1	1	0	-
		2.5	46000			0	
		6	86000			0	
	VPH <C7-C8	1	56000	1	1	0	-
		2.5	110000			0	
		6	180000			0	
	VPH <C8-C10	1	3500	1	1	0	-
		2.5	8100			0	
		6	17000			0	
	EPH <C10-C12	1	16000	1	1	0	-
		2.5	28000			0	
		6	34000			0	
	EPH <C12-C16	1	36000	1	1	0	-
		2.5	37000			0	
		6	38000			0	
EPH <C16-C21	1	28000	1	18	0	-	
	2.5	28000			0		
	6	28000			0		
EPH <C21-C35	1	28000	1	2000	0	-	
	2.5	28000			0		
	6	28000			0		

Notes

- **S4UL** - Suitable for Use Levels
- SOM - Soil Organic Matter
- VPH – Volatile Petroleum Hydrocarbons
- EPH – Extractable Petroleum Hydrocarbons
- * Based on worse-case Aliphatic C₁₆-C₃₅ fraction
- A total of 30 representative soil samples were tested for these substances

A summary of the Organic (VOCs) soil chemical test results are shown in the table below.

Table 5.9: Soil Chemical Test Results – Organics (VOC's)						
Substance	SOM	Land Use / Guideline Values (mg/kg)	Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
		Commercial	Min	Max		
Vinyl Chloride	1	0.059	0.001	0.001	0	-
	2.5	0.077			0	
	6	0.12			0	
1,1-Dichloroethene	1	26	0.001	0.001	0	-
	2.5	46			0	
	6	220			0	
Trans 1,2-Dichloroethene	1	22	0.001	0.001	0	-
	2.5	40			0	
	6	81			0	
1,1-dichloroethane	1	280	0.001	0.001	0	-
	2.5	450			0	
	6	850			0	
cis 1,2-Dichloroethene	1	14	0.001	0.001	0	-
	2.5	24			0	
	6	47			0	
Chloromethane	1	1	0.001	0.001	0	-
	2.5	1.2			0	
	6	1.6			0	
Chloroethane	1	960	0.002	0.002	0	-
	2.5	1300			0	
	6	2100			0	
Bromomethane		0.0002 (LoD)	0.02	0.02	0	-
Trichloromethane	1	99	0.001	0.001	0	-
	2.5	170			0	
	6	350			0	
1,1,1-trichloroethane (TCA)	1	660	0.001	0.001	0	-
	2.5	1300			0	
	6	3000			0	
1,1-dichloropropene		0.0002 (LoD)	0.001	0.001	0	-
Tetrachloromethane	1	2.9	0.001	0.001	0	-
	2.5	6.3			0	
	6	14			0	
Benzene		98	0.001	0.001	0	-
1,2-dichloroethane	1	0.67	0.002	0.002	0	-

	2.5	0.97			0	
	6	1.7			0	
Dichlorodifluoromethane		0.0002 (LoD)	0.001	0.001	0	-
Trichlorofluoromethane		0.0002 (LoD)	0.001	0.001	0	-
1,2-dichloropropane	1	3.3	0.001	0.001	0	-
	2.5	5.9			0	
	6	12			0	
Dibromomethane		0.0002 (LoD)	0.001	0.001	0	-
Tribromomethane		0.0002 (LoD)	0.001	0.001	0	-
Bromodichloromethane	1	2.1	0.005	0.005	0	-
	2.5	3.7			0	
	6	7.6			0	
cis-1,3-dichloropropene		0.0002 (LoD)	0.01	0.01	0	-
Toluene	1	56000	0.001	0.001	0	-
	2.5	110000			0	
	6	180000			0	
trans-1,3-dichloropropene		0.0002 (LoD)	0.01	0.01	0	-
1,1,2-trichloroethane	1	94	0.01	0.01	0	-
	2.5	190			0	
	6	400			0	
Tetrachloroethene	1	19	0.001	0.001	0	-
	2.5	42			0	
	6	95			0	
1,3-dichloropropane		0.0002 (LoD)	0.002	0.002	0	-
Dibromochloromethane		0.0002 (LoD)	0.01	0.01	0	-
1,2-dibromoethane		0.0002 (LoD)	0.005	0.005	0	-
Chlorobenzene	1	56	0.001	0.001	0	-
	2.5	130			0	
	6	290			0	
1,1,1,2-tetrachloroethane	1	110	0.002	0.002	0	-
	2.5	250			0	
	6	560			0	
Ethylbenzene	1	5700	0.001	0.001	0	-
	2.5	13000			0	
	6	27000			0	
m+p-Xylene*	1	5900	0.001	0.001	0	-
	2.5	14000			0	
	6	30000			0	
o-Xylene	1	6600	0.001	0.001	0	-
	2.5	15000			0	
	6	33000			0	
Styrene	1	3300	0.001	0.001	0	-
	2.5	6500			0	
	6	11000			0	
Tert-Butylbenzene		0.0002 (LoD)	0.001	0.001	0	-
Isopropylbenzene	1	1400	0.001	0.001	0	-
	2.5	3300			0	
	6	7700			0	
Bromobenzene	1	97	0.001	0.001	0	-
	2.5	220			0	

	6	520			0	
1,2,3-trichloropropane		0.0002 (LoD)	0.05	0.05	0	-
4-Isopropyltoluene		0.0002 (LoD)	0.001	0.001	0	-
2-chlorotoluene		0.0002 (LoD)	0.001	0.001	0	-
1,3,5-trimethylbenzene		0.0002 (LoD)	0.001	0.001	0	-
4-chlorotoluene		0.0002 (LoD)	0.001	0.001	0	-
1,2,4-trimethylbenzene	1	42	0.001	0.001	0	-
	2.5	99			0	
	6	220			0	
sec-butylbenzene		0.0002 (LoD)	0.001	0.001	0	-
1,3-dichlorobenzene	1	30	0.001	0.001	0	-
	2.5	73			0	
	6	170			0	
1,4-dichlorobenzene	1	4400	0.001	0.001	0	-
	2.5	10000			0	
	6	25000			0	
n-butylbenzene		0.0002 (LoD)	0.001	0.001	0	-
1,2-dichlorobenzene	1	2000	0.001	0.001	0	-
	2.5	4800			0	
	6	11000			0	
1,2-dibromo-3-chloropropane		0.0002 (LoD)	0.05	0.05	0	-
1,2,4-trichlorobenzene	1	220	0.001	0.001	0	-
	2.5	530			0	
	6	1300			0	
Hexachlorobutadiene (HCBd)	1	31	0.001	0.001	0	-
	2.5	66			0	
	6	120			0	
1,2,3-trichlorobenzene	1	102	0.002	0.002	0	-
	2.5	250			0	
	6	590			0	

Notes

- C4SL - Provisional Category 4 Screening Levels
- S4UL - Suitable for Use Levels
- CL:AIRE - Generic Assessment Criteria (GAC)
- SOM - Soil Organic Matter
- * - Guideline Value based on worse case of P – Xylene
- LoD - Limit of Detection
- A total of 29 representative soil samples were tested for these substances

A summary of the Organic (SVOCs) soil chemical test results are shown in the table below.

Table 5.10: Soil Chemical Test Results – Organics (SVOC's)						
Substance	SOM	Land Use / Guideline Values (mg/kg)	Measured Levels of Substances (mg/kg)		Number of exceedances	95% UCL
		Commercial	Min	Max		
Phenol	1	440	0.5	0.5	0	-
	2.5	690			0	
	6	1300			0	

Hexachloroethane	1	22	0.5	0.5	0	-
	2.5	53			0	
	6	120			0	
2-Chlorophenol	1	3500	0.5	0.5	0	-
	2.5	4000			0	
	6	4300			0	
N-Nitrosodimethylamine		0.05 (LoD)	1	0.5	0	-
2-Methylphenol	1	160000	0.5	0.5	0	-
	2.5	180000			0	
	6	180000			0	
Bis(2-chloroisopropyl)ether		0.05 (LoD)	0.5	0.5	0	-
4-Methylphenol	1	160000	0.5	1.4	0	-
	2.5	180000			0	
	6	180000			0	
2,4-Dimethylphenol		16000	0.5	0.5	0	-
Dibenzofuran		0.05 (LoD)	0.5	0.51	0	-
2,4-Dichlorophenol	1	3500	0.5	0.5	0	-
	2.5	4000			0	
	6	4300			0	
1,2,4-Trichlorobenzene	1	220	1	1	0	-
	2.5	530			0	
	6	1300			0	
4-Chloro-3-methylphenol		0.05 (LoD)	0.5	0.5	0	-
2-Methylnaphthalene		0.05 (LoD)	0.5	0.5	0	-
Hexachlorocyclopentadiene		0.05 (LoD)	0.5	0.5	0	-
2,4,6-Trichlorophenol	1	3500	0.5	0.5	0	-
	2.5	4000			0	
	6	4300			0	
2,4,5-Trichlorophenol	1	3500	0.5	0.5	0	-
	2.5	4000			0	
	6	4300			0	
2-Chloronaphthalene		390	0.5	0.5	0	-
2-Nitroaniline		0.05 (LoD)	0.5	0.5	0	-
2,4-Dinitrotoluene	1	3700	0.5	0.5	0	-
	2.5	3700			0	
	6	3800			0	
2,6-Dinitrotoluene	1	1900	0.5	0.5	0	-
	2.5	1900			0	
	6	1900			0	
2-Nitroaniline		0.05 (LoD)	0.5	0.5	0	-
2-Nitrophenol		0.05 (LoD)	0.5	0.5	0	-
4-Nitroaniline		0.05 (LoD)	0.5	0.5	0	-
Dibenzofuran		0.05 (LoD)	1	0.5	0	-
2,4,6-Tetrachlorophenol	1	3500	0.5	0.5	0	-
	2.5	4000			0	
	6	4300			0	
Diethylphthalate		150000	0.5	0.5	0	-
4-Chlorophenylphenylether		0.05 (LoD)	0.5	0.5	0	-
4-Nitroaniline		0.05 (LoD)	0.5	0.5	0	-
4-Chloroaniline		0.05 (LoD)	0.5	0.5	0	-

N-Nitrosodi-n-propylamine		0.05 (LoD)	0.5	0.5	0	-
2-Methyl-4,6-Dinitrophenol		0.05 (LoD)	0.5	0.5	0	-
4-Bromophenylphenylether		0.05 (LoD)	0.5	0.5	0	-
Isophorone		0.05 (LoD)	0.5	0.5	0	-
Hexachlorobutadiene		0.05 (LoD)	1	1	0	-
Hexachlorocyclopentadiene		0.05 (LoD)	0.5	0.5	0	-
Hexachlorobenzene (HCB)	1	110	0.5	0.5	0	-
	2.5	120			0	
	6	120			0	
Pentachlorophenol (PCP)	1	400	0.5	0.5	0	-
	2.5	400			0	
	6	400			0	
Di-n-butylphthalate		15000	0.5	0.5	0	-
Butylbenzylphthalate		940000	0.5	0.5	0	-
Bis(2-ethylhexyl)phthalate		85000	0.5	1.2	0	-
Di-n-octylphthalate		89000	0.5	0.5	0	-
1,4-Dichlorobenzene		0.05 (LoD)	1	1	0	-
Dimethylphthalate		0.05 (LoD)	0.5	0.5	0	-
1,3-Dichlorobenzene		0.05 (LoD)	1	1	0	-
1,2-Dichlorobenzene		0.05 (LoD)	1	1	0	-
Nitrobenzene		0.05 (LoD)	0.5	0.5	0	-
4-Chlorophenylphenylether		0.05 (LoD)	0.5	0.5	0	-
Diethyl Phthalate	1	150000	0.5	0.5	0	-
	2.5	220000			0	
	6	290000			0	
Azobenzene		0.05 (LoD)	0.5	0.5	0	-
Carbazole		0.05 (LoD)	0.5	1.3	0	-

Notes

- **S4UL** - Suitable for Use Levels
- **CL:AIRE** - Generic Assessment Criteria (GAC)
- **SGV** - Soil Guideline Value
- SOM - Soil Organic Matter
- LoD - Limit of Detection
- A total of 23 representative soil samples were tested for these substances

A summary of the Miscellaneous (Asbestos) soil chemical test results are shown in the table below.

Table 5.11: Soil Chemical Test Results – Miscellaneous (Asbestos)

Sample No. & Depth (m)		ID Result	Total Mass (%)
WS01	0.40	No Asbestos Detected	-
WS01	0.10	No Asbestos Detected	-
WS02	0.80	No Asbestos Detected	-
WS03	0.50	No Asbestos Detected	-
WS07	0.30	No Asbestos Detected	-
WS07	0.60	No Asbestos Detected	-
WS09	1.00	No Asbestos Detected	-
WS13	0.30	No Asbestos Detected	-
WS14	0.90	No Asbestos Detected	-
WS14	0.30	No Asbestos Detected	-
WS15	0.30	No Asbestos Detected	-
WS17	0.75	No Asbestos Detected	-

WS17	0.45	No Asbestos Detected	-
WS19	0.20	No Asbestos Detected	-
WS20	0.60	No Asbestos Detected	-
WS20	0.30	No Asbestos Detected	-
WS21	0.40	No Asbestos Detected	-
WS22	1.10	No Asbestos Detected	-
WS23	0.20	No Asbestos Detected	-
WS23	0.05	No Asbestos Detected	-
WS24	1.00	No Asbestos Detected	-
WS19	0.60	No Asbestos Detected	-

5.4 Contaminants of Concern in Soils

5.4.1 Soils

Contaminants of concern are those where the measured concentrations and 95% Upper Confidence Limit exceeds the relevant Tier 1 CLEA Soil Guideline Value or ClEH Generic Assessment Criteria.

It can be seen from Tables 5.4 to 5.11 that none of the contaminants tested were above the SGV for their respective zone screening criteria, and therefore no contaminants of concern have been identified.

5.5 Waste Acceptance Procedure

Any materials to be removed from site should be subject to the Waste Acceptance Procedure (WAP) in order to appropriately classify the waste for the correct type of landfill.

The results of the testing are given in the table below.

Table 5.12: Waste Acceptance Criteria Testing

Sample Location	Sample Depth (m)	Comments	Landfill Waste Acceptance
WS01	0.10	-	INERT
WS03	0.50	Fails inert on Molybdenum and Total Dissolved Solids	SNRHW
WS07	0.30	-	INERT
WS09	1.40	-	INERT
WS13	0.30	Fails inert on Antimony	SNRHW
WS17	0.45	Fails inert on Total Organic Carbon	SNRHW
WS19	0.20	Fails inert on Total Organic Carbon, Total TPH, Total PAH's,	SNRHW
WS20	0.60	Fails inert on Total Organic Carbon and Total TPH	SNRHW
WS23	0.20	Fails inert on Molybdenum	SNRHW
WS24	1.00	-	INERT

Based on the results of the WAC testing, the shallow deposits have been largely classed as SNRHW waste.

We recommend that the attached results be made available to the relevant parties to determine its classification and acceptance before haulage.

The results of the WAC testing have been included in **Annex D**.

5.6 Waste Classification

On the basis of the soils chemical test results, the soils were classified based on the identified hazard phases as defined in accordance with waste classification algorithms detailed in Environmental Agency publication WM3 (V.1, 2015), using the HazWaste Online software.

Using the results from the chemical analysis for the samples analysed, the following waste classification has been identified in the table below.

Table 5.13: Summary of Waste Classification				
Sample Location	Sample Depth (m)	Waste Classification	EWC Code	Additional Comments
WS01	0.10	Non-Hazardous	17 05 04	-
WS01	0.40	Non-Hazardous	17 05 04	-
WS02	0.80	Non-Hazardous	17 05 04	-
WS02	1.50	Non-Hazardous	17 05 04	-
WS03	0.50	Hazardous	17 05 03	Elevated TPH
WS03	1.30	Non-Hazardous	17 05 04	-
WS06	2.05	Non-Hazardous	17 05 04	-
WS07	0.30	Non-Hazardous	17 05 04	-
WS07	0.60	Non-Hazardous	17 05 04	-
WS09	1.00	Non-Hazardous	17 05 04	-
WS09	1.40	Non-Hazardous	17 05 04	-
WS13	0.30	Non-Hazardous	17 05 04	-
WS14	0.90	Non-Hazardous	17 05 04	-
WS14	0.30	Non-Hazardous	17 05 04	-
WS15	0.30	Non-Hazardous	17 05 04	-
WS17	0.75	Non-Hazardous	17 05 04	-
WS17	0.45	Non-Hazardous	17 05 04	-
WS19	0.20	Hazardous	17 05 03	Elevated TPH
WS20	0.60	Hazardous	17 05 03	Elevated TPH
WS20	0.30	Non-Hazardous	17 05 04	-
WS21	0.40	Non-Hazardous	17 05 04	-
WS21	1.25	Non-Hazardous	17 05 04	-
WS22	1.10	Non-Hazardous	17 05 04	-
WS23	0.20	Non-Hazardous	17 05 04	-
WS23	0.05	Non-Hazardous	17 05 04	-
WS24	1.00	Non-Hazardous	17 05 04	-
WS24	1.80	Non-Hazardous	17 05 04	-
WS25	1.30	Non-Hazardous	17 05 04	-
WS26	1.80	Non-Hazardous	17 05 04	-
WS19	0.60	Non-Hazardous	17 05 04	-

Conditions may exist between sampling points which are not representative of testing provided at the site. If anomalous materials are encountered at the site during excavation, the classification should be revisited.

It should be noted that the receiving landfill sites and the Environment Agency have ultimate authority in deciding whether a waste may be accepted, regardless of its classification.

HazWaste Online outputs are included in **Annex E**.

SECTION 6 Qualitative Risk Assessment/Mitigation Measures

The following is a representation of environmental processes on the site and its immediate vicinity. Its purpose is to identify potential contaminants, pathways and receptors with a view to identifying potential and significant pollution linkages.

6.1 Site Summary

Historically, the site has typically comprised of woodland, marshland, heathland before becoming an overspill lake for the adjacent sand and gravel pit to the northwest sometime around 1989.

Historically, the surrounding area (<250m) has typically comprised of several sand and gravel quarries, farming land/nurseries and landfill sites.

A summary of the ground conditions encountered during the Ground Investigation is given in the table below:

Table 6.1 Summary of Ground Conditions			
Stratum	Depth From (m)	Depth to (m)	Description
Made Ground	0.00	6.00 / 7.70	Loose multicolored sandy GRAVEL, gravelly SAND and sandy CLAY with anthropogenic inclusions.
Poole Formation	6.00 / 7.70	>30.00	Stiff bluish grey and grey silty (sandy) CLAY Interbedded at depth with: Dense bluish grey slightly clayey silty fine to medium SAND

The Aquifer Designation Map for the area shows the site to be underlain by a 'Secondary A' Aquifer. These aquifers consist of permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

Surface and perched groundwater flows from the site are likely to be in a southerly direction following the natural topography of the wider area. These waters will probably be collected by an inland river located 104m to the south.

6.2 Potential Contaminants

6.2.1 Soils

It can be seen from Tables 5.4 to 5.11 that none of the contaminants tested were above the SGV for their respective zone screening criteria, and therefore no contaminants of concern have been identified.

6.3 Potential Receptors

The potential receptors at the site potentially affected during construction of the development are summarised in the table below:

Table 6.2: Summary of Potentially Affected Receptors During Construction
Potentially Affected Receptors
Construction Workers
Neighbouring Site Users
Passers-by

The underlying secondary aquifer
Nearby surface waters and the aquatic life within

The potential receptors at the site potentially affected following construction of the development are summarised in the table below:

Table 6.3: Summary of Potentially Affected Receptors Following Construction
Potentially Affected Receptors
Future Employees / Visitors
Maintenance Contractors
Vegetation from phytotoxic contaminants
Building Materials from aggressive ground conditions
The underlying secondary aquifer
Nearby surface waters and the aquatic life within

6.4 Potential Pathways

The site is planned to be occupied by a an Energy from Waste (EfW) Incinerator building and associated infrastructure.

How the proposed development finish affects the various possible contamination pathways is considered below, and summarised in Table 6.1.

Potential risks are present during and following construction of the development to potential receptors from ingestion, inhalation, dermal contact, surface water run-off, leaching and groundwater transport. By adhering to the following protection measures any risks can be considered very low.

Ingestion of soil/soil dust, dermal contact

Any combustible materials found during excavations should be removed and replaced with suitable materials. The combustible materials should be suitably disposed of.

If materials are imported, which are not a natural quarry product with British Standard Certification, or are not sourced from a builders merchant, DIY store or retail outlet in bagged bulk form, analytical validation testing will be required, to ensure that imported materials is suitable and will not cause pollution to the site, and pose a risk to human health.

Any materials to be removed from site should be subject to the Waste Acceptance Procedure (WAP) in order to appropriately classify the waste for the correct type of landfill.

All service runs should be backfilled with inert materials to ensure that future maintenance workers / contractual workers do not come into contact with contaminated soils.

If during the development materials or abnormal ground conditions are encountered that are significantly different to those encountered in the investigation, the occurrence should be reported to the Engineer and appropriate action taken prior to continuing with the works.

The appointed contractor(s) should as a minimum;

1. Comply with all current Health and Safety regulations
2. Provide Method Statements and Risk Assessments in place to deal with measures set out in this section

3. Comply with Control of Substances Hazardous to Health (COSHH) Assessment
4. Maintain a good level of Personal Protection Equipment (PPE)
5. Maintain a good level of hygiene by site workers
6. Put in place dust suppression measures when necessary

The contractor(s) must also strictly adhere to the relevant Pollution Prevention Guidelines which aim to minimise detrimental harm to the environment and health.

Within the documentation prepared by the contractor(s), the following information should be provided, but not limited to:

1. Project Description
2. Key participants/contractor(s)
3. Technical procedures
4. Phasing of works and approximate timescales
5. Site plans to scale
6. Details of consents or license needed
7. Health and Safety, COSHH Assessment, Method Statements and Risk Assessments
8. Emergency contingencies

In addition, the following precautions should also be taken.

1. All potential chemicals and associated risks and emergency procedures for spills/leaks should be considered in a site risk assessment and the details provided to all site employees
2. Any potential pollutant materials or chemicals/detergents used on site should be adequately stored in suitable containers, with clear labelling.
3. Any oil or hazardous substance containers and associated pipe works should be enclosed within a bund.
4. Care taken during delivery of materials, with correct supervision and labelling detailing the substance and its quantities.
5. All delivery drivers should be informed of procedures and restrictions
6. Any materials on delivery should be covered to ensure no spillage from the vehicle.
7. Any detergents, paints, chemicals etc. should not be allowed to be discharged into surface drains or water courses
8. Washing out and cleaning of concrete/cement plant should be carried out in a contained area with adequate measures to collect all run-off water.
9. Security and prevention of vandalism, especially of oil drums/containers.

It is considered that the site will be sufficiently fenced off during development and that dust suppression measures will be made if required, meaning there will be no risk to neighbouring site occupants and passers-by.

The determinants tested were all present at concentrations below the relevant guidelines and therefore, there are no contaminants of concern. Therefore, it is considered that the human health risks are low with respect to the proposed end use and that no mitigation measures will be required for the development.

Inhalation of soil dust /ground gas/radon

Protection of site workers from soil dust inhalation can be minimised by simple health and safety measures and dust suppression. Neighbouring site occupants and passers-by will similarly not be at risk with dust suppression.

It is considered that site workers, passers-by and neighbouring site occupants are not at risk from ground gas or vapours.

All risks to site users from dust inhalation will be eliminated by appropriate dust suppression measures.

Site end users, upon completion, will similarly not be at risk from soil dust/vapours once the above mentioned remedial measures have been carried out.

Based on the 4 rounds of gas monitoring at the site and in accordance with CIRIA guidance C665 (2007), titled 'Assessing risks posed by hazardous ground gases to buildings' a conservative Gas Screening Value (GSV) 0.0039 l/hr has been derived using the highest ground gas concentration (CO₂ at 4.1%) and the highest flow rate recorded (<0.09/h).

A GSV of 0.039 l/hr classifies the site as Very Low Risk and as 'Gas Characteristic Situation 1' in accordance with CIRIA guidance C665 (2007).

Surface water run-off/leaching into the groundwater/groundwater transport

1. Short-term

In respect of physical effects of the site works during the construction period, there is a very low risk to the environment/adjacent land and water bodies from digging foundations, moving contaminated soil, runoff from construction materials and/or exposed ground, wheel washings and oil or chemical spills.

All adverse effects should however be preventable by due diligence to good construction practice and housekeeping in preventing surface runoff and the spillage of materials. The basic measures that should be taken are as follows:

- Prepare a drainage plan
- Carry out any activities that could cause pollution in a designated, bunded area, away from rivers or boreholes
- Use settlement ponds to remove silty water;
- Store all oils and chemicals in a fully bunded area to prevent leaks or spills

It should be noted that the appointed contractor should provide Method Statements and Risk Assessments to deal with these matters.

2. Long-term

The chemical analysis of soil beneath the site constitutes a Level 2 assessment in terms of Remedial Targets Methodology, where the primary receptor/compliance point is the groundwater.

No leachate or groundwater chemical testing has been undertaken; however it is considered that the risk to the aquatic environment is low due to environmental setting as detailed below:

1. Contaminant concentrations within the site's near surface soils were low and leachates derived from these soils are likely to contain even lower contaminant concentrations. Therefore, if leachates did migrate to a controlled water the effect is likely to be negligible.
2. Site is proposed to be largely capped by hardstanding limiting contact between surface water and potentially impacted materials.
3. The presence of an underlying Secondary Aquifer so the groundwater beneath the site will currently be of low value.
4. There are no groundwater abstraction licenses within the area.
5. Distance to the nearest surface water body (inland river, 104m to the south).

6. The effect of natural attenuation, dilution and absorption will reduce contaminant concentrations with groundwater.

It is therefore considered that there is likely to be a low risk to the aquatic environment and that the next level of assessment (Level 3) is not required, given the environmental setting detailed above.

Permeation of Water Pipes

If water pipes are to be laid beneath the site an assessment should be made, by the water provider, of soils along the route of the pipe with reference to the material selection criteria using the UKWIR methodology.

6.5 Human Health Risks

A Qualitative Risk Assessment on the potential human health effects is detailed in Table 6.4 below:

Table 6.4: Human Health Risk Assessment				
Source	Pathway	Target	Risk Assessment	Mitigation Measures
Made Ground	Dermal contact with soil/dust. Inhalation and ingestion of soil/soil dust	Construction workers	Low Risk with protection measures	COSHH assessment and good level of PPE/ hygiene by site workers/ staff; dust suppression measures if required
Made Ground	Dermal contact with soil/dust. Inhalation and ingestion of soil/soil dust	Neighbouring site occupants, Passers-by	Low Risk during excavation phase of development and on completion	Site screening and dust suppression measures if required
Made Ground	Dermal contact with soil/dust. Inhalation and ingestion of soil/soil dust	Site end users	Low Risk	Contamination testing revealed no contaminants tested were above the regulatory guidelines adopted for the site
Landfill and Ground Gas	Inhalation	Site end users	Very Low Risk	'Gas Characteristic Situation 1'
Radon Gas	Inhalation	Site end users	Low Risk	No Radon protective measures are required.
Made Ground	Permeation of water pipes	Site end users	Low Risk	All chemical lab results to be forwarded to the water provider to assess pipe specification. Made Ground within service trenches should be removed and replaced with clean fill.

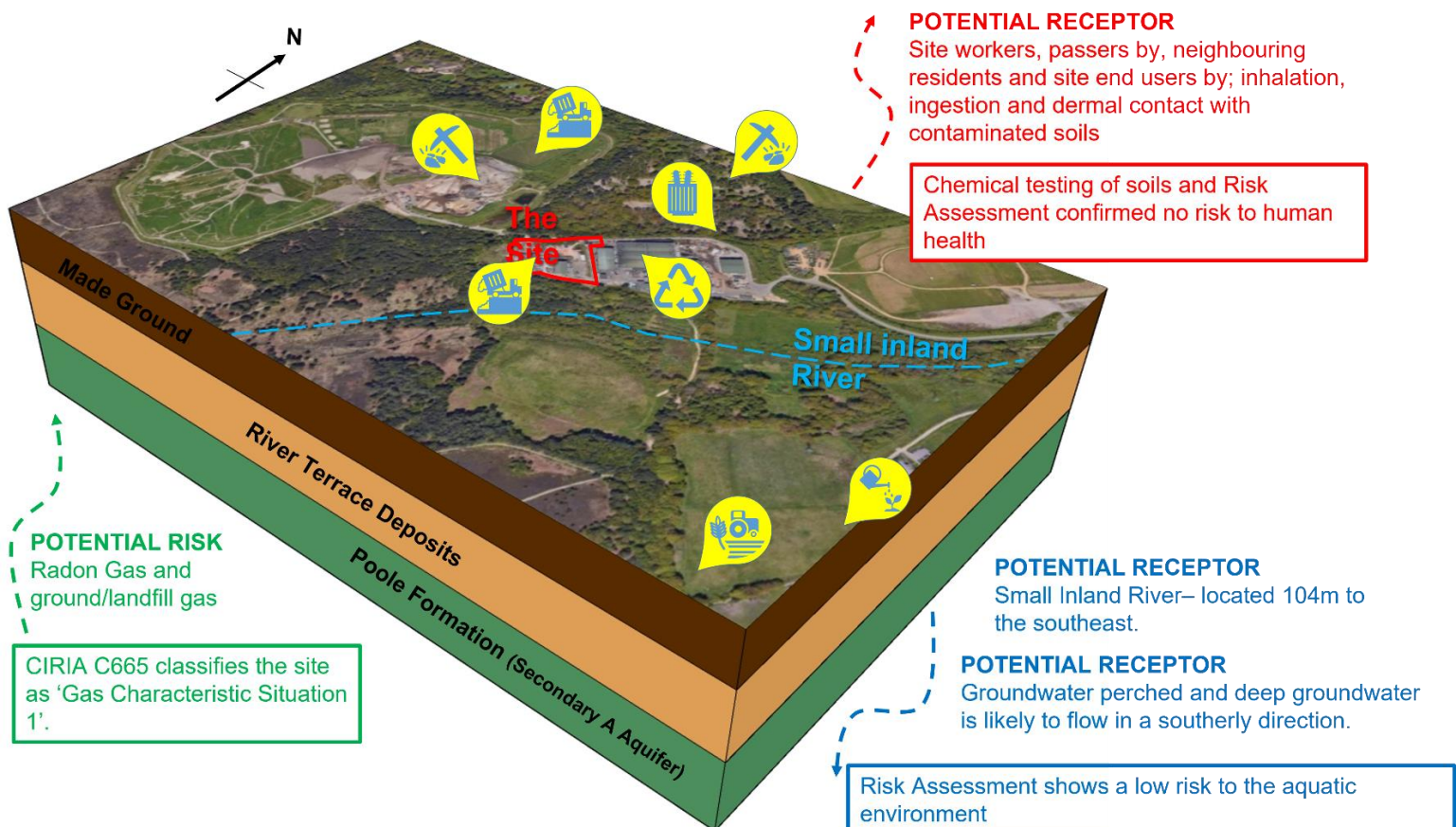
6.6 Risks to the Aquatic Environment

A Qualitative Risk Assessment on the potential effects to the aquatic environment is detailed in Table 6.5 below:

Table 6.5: Risks to the Aquatic Environment				
Source	Pathway	Target	Risk Assessment	Mitigation Measures
Made Ground	Surface water run-off	Surface Water	Low Risk due to the environmental setting and low concentrations identified.	Not Applicable
	Leaching into Groundwater	Groundwater	Reduced risk of contaminant migration and deep transmission is due to the installation of drainage systems and the effect of natural dilution and attenuation.	
Made Ground	Leaching into Groundwater	Groundwater	Low Risk during construction and excavation phase of development	Measures to avoid accidental spillage of materials during earthmoving activities, and to control surface run off

6.7 Site Conceptual Model

A schematic cross-section of the site is presented below. The cross section is based on the information available from the recent desk study and site investigation. The model is schematic and not to scale.



Drawing 6.1: Revised Site Conceptual Model

6.8 Limitations of the Site Conceptual Model

The areas of uncertainty within the conceptual site model are:

- Presence of and composition of the groundwater within the bedrock
- Direction of groundwater flow

SECTION 7 Geotechnical Laboratory Testing Results

7.1 General

A number of bulk, undisturbed and solid core samples were collected, and dispatched to the UKAS accredited laboratories of Geolabs for soil property testing, in accordance with the following:

1. Methods of test for soils for civil engineering purposes – Parts 1 to 8 (BS 1377): 1999.

The results of the below property tests are presented in **Annex F** and discussed below.

7.1.1 Classification Testing

In order to assess the classification characteristics underlying the site, bulk samples were collected, and dispatched to the laboratory for the following soil property tests:

- 5No. Moisture Content (MC)
- 5No. Plasticity Index (P.I)
- 1No. Particle Size Distribution (PSD)
- 3No. Resistivity

In addition, in order to assess the aggressiveness of the underlying the site, bulk samples were collected and dispatched to the laboratory for the following soil chemical tests:

- 5No. BRE SD1 Suite D

A summary of the soil classification test results are shown in the table below.

Table 7.1: Summary of Soil Classification Test Results

Test	Location	RC04	RC04	RC04	RC04	RC05	TP01	TP06	TP06	TP06	TP09
	Depth (m)	10.50	12.00	19.00	22.50	24.50	2.50	1.00	1.50	4.00	1.00
	Unit	B	B	B	B	B	MG	MG	MG	MG	MG
Moisture Content	%	25.7	16.8	15.6	10.0	17.5	-	-	-	-	-
Plasticity	Liquid Limit	%	39	50	43	41	24	-	-	-	-
	Plastic Limit	%	17	20	18	20	18	-	-	-	-
	Plasticity Index	%	22	30	25	21	6	-	-	-	-
	% <425µm	%	100	100	100	100	100	-	-	-	-
	Modified PI	%	22	30	25	21	6	-	-	-	-
PSD	Cobbles	%	-	-	-	-	-	-	0.0	-	-
	Gravels	%	-	-	-	-	-	-	20.0	-	-
	Sands	%	-	-	-	-	-	-	44.5	-	-
	Silt/Clay	%	-	-	-	-	-	-	35.5	-	-
BRE	Total Sulphate	%	0.010	-	-	-	0.93	0.27	-	0.089	0.39
	2:1 Sulphate	g/l	0.20	-	-	-	0.26	0.24	-	0.070	0.43
	pH	-	6.1	-	-	-	7.0	9.0	-	8.6	4.7
	Chloride	Cl/l	-	-	-	-	<0.01	<0.01	-	<0.01	<0.01
	Total Sulphur	%	0.49	-	-	-	0.61	0.056	-	0.036	0.22
	Magnesium	g/l	-	-	-	-	<0.01	<0.01	-	<0.01	<0.01
	Nitrate	Mg/l	-	-	-	-	<0.01	<0.01	-	<0.01	<0.01
Electrical Resistivity	Ohm/m	21	-	-	-	14	-	-	16	-	-
Electrical Conductivity	S/m	0.047	-	-	-	0.071	-	-	0.063	-	-

Notes

- Unit: MG (Made Ground), B (Bedrock)

SECTION 8 Engineering Recommendations

8.1 Preparation of Site

Prior to the main site works, any buildings to be demolished should be subject to a full asbestos survey.

A structural survey should be undertaken of the adjacent buildings and structures (road and pavement structures) including pictorial records. This should be updated throughout the site development phases.

Any existing buildings, foundations, floor slabs, concrete/tarmac hard standings beneath the proposed buildings should be broken up and removed from site and disposed of at a suitable landfill facility.

Alternatively, the crushed site won materials may be re-used as structural fill, subject to laboratory chemical testing and compliance with site soil guidance values.

Significant allowances should be made for dealing with the historic foundations, floor slabs, basement structures and other buried obstructions.

The existing grass and scrub vegetation, including all roots and any trees to be removed (and not subject to preservation orders) should be grubbed up and removed from beneath the proposed buildings and roadways.

The reduced levels should be brought up to the required levels with well, compacted imported granular materials. Department of Transport (DoT) Type 2 sub-base or similar may be used and should be compacted in layers, in accordance with the Specification for Highway Works. Alternatively, appropriate selected inert imported fill could be used.

Allowances should be made for removing any 'soft spots/area' and their replacement with well compacted granular materials as previously described. The excavated materials will be unacceptable as structural fill and should be removed from site and taken to an appropriately licensed tip.

All materials to be removed from site should be subject to the appropriate Waste Acceptance Protocol (WAP) and taken to an appropriately licensed tip.

Contingencies should be made for the protection/diversion of any underground services present beneath the site, brought about as a result of the proposed works.

Contingencies should also be made for the protection and any necessary temporary/permanent support of nearby walls.

8.2 Foundation Solution

The ground conditions from the site investigation can be summarised as follows:

Table 8.1 Summary of Ground Conditions			
Stratum	Depth From (m)	Depth to (m)	Description
Made Ground	0.00	6.00 / 7.70	Loose multicolored sandy GRAVEL, gravelly SAND and sandy CLAY with anthropogenic inclusions.
Poole Formation	6.00 / 7.70	>30.00	Stiff bluish grey and grey silty (sandy) CLAY, interbedded at depth with Dense bluish grey slightly clayey silty fine to medium SAND

During drilling groundwater was encountered between 8.00 and 10.00m bgl. Post investigation monitoring has confirmed groundwater levels between 4.20m and 7.43m bgl.

Based on the encountered ground conditions the following foundation solution is recommended.

Piles

Due to nature of the development and the presence of variable Made Ground underlying the site to a significant depth, the use of normal mass concrete shallow foundations founded at shallow depth will prove impractical and would lead to unacceptable settlements and are, therefore, not recommended.

We therefore recommend that a piled foundation solution be founded within the Poole Formation.

Due to the nature of the ground, the piles are likely to be combination of skin friction (friction piles) and end-bearing piles.

Due to the nature of the material encountered within the Made Ground, precast driven piles are unlikely to be appropriate. Therefore, a continuous flight auger (CFA) or bored pile should be adopted.

Pile depths will be a function of the required loads and pile diameters. It is understood that a typical pile load of 1,500 kN is expected. To achieve this required loading, it is anticipated that average pile lengths will be between 16.00 and 20.00 m for 0.90 and 0.60 m diameter piles respectively. Variations in the given pile lengths should also be expected.

Allowances should also be made for negative skin friction that could develop in the cohesive deposits.

It should be noted that while disturbance will be reduced using bored piles the load carrying capacity will also be reduced due to the effect of a loosening annulus around the pile. Casting concrete in situ will produce rough surfaces but this effect is diminished by the loosening of the surrounding material.

To counteract the reduction in load carrying capacity the diameter of the bored pile can be increased.

For the size and type of pile recommended founded within the competent mudstone bedrock, the total settlements should not exceed 10mm, with differential movements between adjacent piles being less than half this value.

The above estimated working loads, type and length of piles should be confirmed by the specialist piling contractor. It may also be prudent to drive a number of test piles at selected locations to confirm their drivability, anticipated lengths and safe working loads.

Allowances should be made for an element of pre-excavation and/or re drilling of piles where obstructions are encountered in the made ground.

All foundation formations should be inspected by a suitably qualified Engineer before being concreted.

8.2.1 Infrastructure

As mentioned in Section 8.2, it is considered that foundations are piled due to the underlying shallow ground conditions and likely high loadings.

Therefore, appropriate measures should be taken in order to prevent misalignment issues due to disproportionate settlement between the proposed development and associated infrastructure, which will not be piled.

In addition, it is recommended that for any hard standing or service entry points adjacent the proposed development that the prepared surface should be covered by a geo-grid and 'terram' prior to further infilling.

8.2.2 Floor Slabs

Due to the depth of Made Ground underlying the site (>600mm) ground floor slabs should be designed as suspended.

Void former may be required beneath suspended concrete floors due to the plastic nature of the surface cohesive soils.

Allowances should be made for the removal of any 'soft spots' and their replacement with a suitable concrete mix or well-compacted granular material in layers to the specification for Highway Works.

All floor slab formations should be inspected by a suitably qualified Engineer before being concreted.

8.3 Excavations and Formations

Most shallow excavations should be possible with normal soil excavating machinery, although significant allowances should be made for a hydraulic breaker when excavating out any historic foundations, concrete floor slabs and other buried obstructions.

Post investigation groundwater was encountered between 4.20 and 7.43m bgl.

Therefore, it is unlikely that groundwater may be encountered during foundation excavations. Any inflows should be dealt with using conventional pumping techniques.

It should also be noted that during times of high rainfall a higher groundwater table may be encountered.

The sides of any excavations deeper than 1.00m, especially within the granular deposits, should be supported by planking and strutting or other proprietary means.

The sub-formations/formations will be susceptible to loosening, softening and deterioration by exposure to weather (rain, frost and drying conditions), the action of water (flood water or removal of groundwater) and site traffic.

Formations should never be left unprotected and continuously exposed to rain causing degradation, or left exposed/uncovered overnight, unless permitted by a qualified engineer.

Construction plant and other vehicular traffic should not be operated on unprotected formations.

As a minimum the formation/excavation surfaces must be protected by a minimum thickness of 200mm of hard cover immediately after exposure.

Allowances should be made for trimming, re-trimming and re-compaction if necessary and for the removal of soft spots and their replacement with well compacted granular materials.

It is also recommended that if concerns still remain then a number of plate loading tests are carried out at formation level to confirm the suitability of the formations.

Allowances should be made for special precautions to prevent formation deterioration in addition to the above.

It is recommended that approval be gained from a qualified engineer of the formation condition before covering them with any subsequent construction.

8.4 New Access Road and Car Parking Areas

The in-situ plate load tests (5No.) were carried out at formation level to the requirements of BS1377: Part 9: 1990 using an 600mm diameter plate with a 13-tonne mechanical excavator utilised as a reaction frame (kentledge). The plate load tests were carried out to a maximum loading in excess of the design load.

The in-situ plate load tests were carried out in accordance with 'Methods of test for soils for civil engineering purposes – Part 9 (BS 1377): 1999'.

Based on the data available and extensive depth of variable Made Ground encountered, it is recommended a CBR value of 1% is adopted for the site.

Allowances should be made for the removal of any soft spots and their replacement with well-compacted imported granular materials as previously described.

8.5 Storm Drainage

3No in-situ permeability/soakaway test were undertaken at 3No. locations in accordance with the requirements of BRE 365.

Two of the locations (TP04 and TP06) were terminated due to instability within the side walls of the excavation.

Within TP09, the test did not sufficiently drain to 75% to give an infiltration rate. Therefore it is unlikely soakaways will be viable at the site.

Given the extensive and variable depth of Made Ground across the site it is not recommended to discharge any waters into this material.

8.6 Protection of Buried Concrete

The results of the BRE testing are given in Table 7.1 and the concrete design is class is summarised in the table below:

Table 8.2: Summary of Concrete Design Class					
	Stratum	Made Ground		Bedrock	
	Unit	Min	Max	Min	Max
Total Sulphate	%	0.089	0.93	0.010	
2:1 Sulphate	g/l	0.070	0.43	0.20	
pH	-	4.7	9.0	6.1	
Chloride	g/l	<0.01	<0.01	-	
Total Sulphur	%	0.036	0.61	0.49	
Magnesium	g/l	<0.01	<0.01	-	
Nitrate	g/l	<0.01	<0.01	-	
Total Potential Sulphate	%	N/A		N/A	
Oxidisable Sulphates >0.3%?		N/A		N/A	
Design Sulphate Class		DS-1		DS-1	
ACEC Class		AC-1		AC-1	

Groundwater was encountered at the site and it is conservatively deemed to be mobile.

Based on the above and using guidance within BRE Special Digest 1 (2005) it is recommended that any buried concrete within the site conforms to Design Class DS-1 and ACEC class AC-1.

8.7 Evaluation of In-situ Gas Monitoring Results

As previously discussed, gas-monitoring wells were installed to enable monitoring for the presence of methane, carbon dioxide and oxygen following completion of the fieldworks.

Based on the 4 rounds of gas monitoring at the site and in accordance with CIRIA guidance C665 (2007), titled 'Assessing risks posed by hazardous ground gases to buildings' a conservative Gas Screening Value (GSV) 0.0037 l/hr has been derived using the highest ground gas concentration (CO₂ at 4.1%) and the highest flow rate recorded (0.09/h).

A GSV of 0.0037 l/hr would classify the site as Very Low Risk and as 'Gas Characteristic Situation 1' in accordance with CIRIA guidance C665 (2007).

The gas monitoring results are presented in **Annex G**.

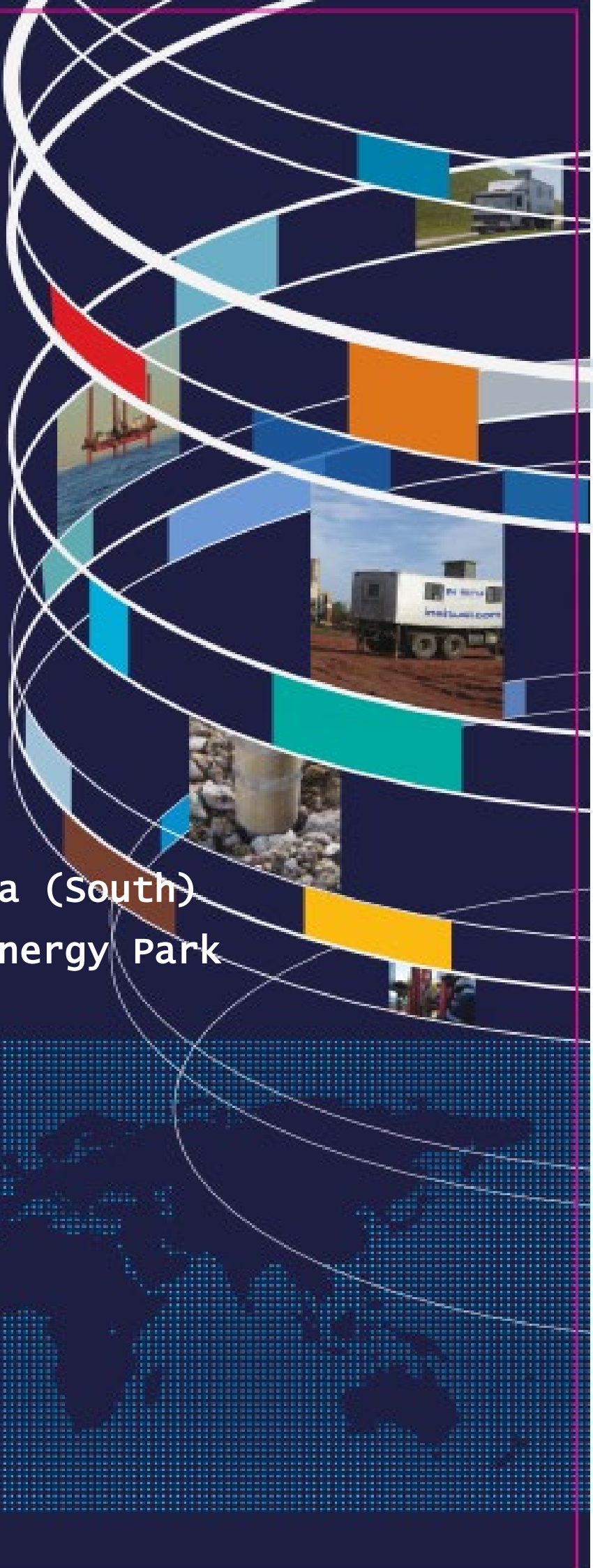
Annex A: Cone Penetration Testing Report

IN SITU

SITE INVESTIGATION

STATIC CONE PENETRATION TEST
FACTUAL REPORT

CLIENT: Terra Firma (South)
PROJECT: Canford Energy Park



Project	Canford Energy Park
Project No.	1220328
Client	Terra Firma (South)
Address	The Slate Barn, Lowley, Dunsford, Devon, EX6 7BP

Attention: Mr Paul Standish

Dear Mr Standish,

We have pleasure in providing a digital copy of our report and data in AGS format for the above project.

We hope that you are satisfied with the performance of our staff, equipment and reporting on this project. If you should have any queries about any aspect of the works carried out, please do not hesitate to contact us. We look forward to being of service to you in the future.

Yours faithfully,

In Situ Site Investigation Limited



Darren Ward

Director

Report Issue

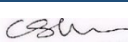


Issue	Date	Prepared	Sign	Checked	Sign	Approved	Sign
01	12/07/2022	Chloe Donovan		Luisa Dhimitri		Darren Ward	

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1.0 INTRODUCTION

In Situ Site Investigation Limited (In Situ) was engaged in a geotechnical site investigation at Canford Energy Park at the request of Terra Firma (South). The site investigation consisted of completing 8 Static Piezocone Penetration Tests (CPTU), to provide information on the soil conditions and derived geotechnical parameters at:

Canford Energy Park,
BH21 3BW

All test locations were provided by the client. A site map is included in the end of Appendix A of this report (if provided by the client). The tests were stopped when they reached the target depth as per the client's technical specifications or for other technical reasons, as detailed in the *Project Summary Table* in *Appendix A.1* and on each CPTU log included in Appendix B of this report.

The fieldwork was carried out on 4th July 2022 as per the client's request.

The work on site and the final factual reporting have been undertaken in accordance with the international technical standard *ISO 22476-1:2021(E)*.

2.0 FIELDWORK

2.1 CONE PENETRATION TESTS

The fieldwork activity is summarised in Table 2.1.

Table 2.1 Fieldwork Summary	
CPT Operator/s	Dom Gain
Date Started	4 th July 2022
Date Finished	4 th July 2022
In Situ S.I. Project Manager	Darren Ward
Main Contractor's Site Manager	Katie Timkey

2.1.1 Rig Information

Details of CPTU rig used in this project are shown in Table 2.2. Full data sheet for the rig is presented in *Appendix A.2*.

Table 2.2 Rig Summary	
Rig Name	Rig Description
CPT021	20 Tonne Wheel Mounted CPT Rig

2.1.2 CPTU Cone

Details of electric CPTU cone (Type TE2) used in this project conforming to the requirements of Application Class 2 of *ISO 22476-1:2012*, are shown in Table 2.3.

Table 2.3 Cone Summary		
Number	Cross-section area	Filter position
S15-CFIP.2112	15cm ²	U ₂

A full datasheet of the cone used is shown in *Appendix A.3*.

The cone's measured parameters are shown in Table 2.4.

Table 2.4 Completed Fieldwork Summary
9 CPTU to a maximum depth of 21.84m. Each test measured Cone Resistance, q_c , Sleeve Friction, f_s , Porewater Pressure in the shoulder position, u_2 , Inclination in X and Y axes.
<i>Provision of factual report with estimated soil type, derived geotechnical parameters & AGS data file.</i>

2.1.3 CPTU Cone Calibration

The cone resistance and sleeve friction are recorded by calibrated load cells in the cone. The CPTU load cells and pressure transducers are regularly calibrated in line with *ISO 22476-1:2021(E)* standard by the cone manufacturer. The cone calibration certificate for the cone used at this site are presented in *Appendix A.4*.

2.1.4 CPTU Cone Saturation

The pore water pressure is recorded using a calibrated pressure transducer located in the piezocone. To ensure pore water pressure measurements are not affected by the presence of air in the measuring transducer, a de-airing procedure is carried out prior to each test. The cone and filter are saturated using a glycerine fluid with a viscosity of 10,000 CST.

2.1.5 Test Procedure

The tests are carried out in accordance with the *International Standard for Electrical Cone and Piezocone Penetration Test ISO 22476-1:2021(E)*.

The final depths of the tests were determined by either completion to the specified test depth or when the maximal safe capacity of the equipment was reached. A schedule of the tests performed is shown in *Appendix A.1*, which has been compiled from the operators' daily progress reports.

The data is transmitted from the digital CPTU through an umbilical cable that runs through the push rods to the data acquisition system. Results are displayed instantaneously on the computer logging screen. The results are recorded on the computer hard disc.

The rate of penetration is kept constant at 20 mm/s \pm 5 mm/s except when penetrating very dense or hard strata. Before each test is carried out zero values are taken of the cone to check if it is within calibration. At the end of each test, zero values are taken again to see if there has been any drift during the test. These values are inspected during the post processing stage. This is a quality check on the data and the testing procedure. Individual test zero values are shown on their corresponding test results in *Appendix B*.

2.1.6 In Situ Pore Pressure (u_0)

The in situ or hydrostatic pore pressure is required for the calculation of several derived parameters included in this report. For this report, the groundwater level is assumed at 0.5m below ground surface, for calculation purposes. The in situ pore pressure, u_0 values are presented on the pore pressure plot, on *CPT Log 01*, which is included in *Appendix B*.

2.2 POSITIONING

Positioning and surveying of all investigated locations was the responsibility of the client.

3.0 CONE PENETRATION MEASURED PARAMETERS

All measured parameters of tests carried with the CPTU cone are shown in *Appendix B* and all the information about data processing and results are given in sections 3.1, 3.2 and 3.3.

3.1 DATA PROCESSING

The measured parameters, cone end resistance, q_c , sleeve friction, f_s , porewater pressure measurements with filter in shoulder position, u_2 and inclination for x and y axis, l_x , l_y , were recorded for every 10 mm of penetration keeping a constant speed of 20 mm/s \pm 5 mm/s, which may slightly change when the cone is penetrating hard strata.

The measured data from the site works is processed and presented using specialised CPT software. The interpretations on the CPTU results were carried out following the recommendations of *ISO 22476-1:2021(E)*, *Lunne et al. (1997)* and *Robertson (2015)*. Measured parameters, mentioned in *Sections 3.2* and *3.3*, were used to derive all the geotechnical parameters, which are presented in *Chapter 4.0*. The soil behaviour type method used on this report is *Robertson et al. (1986)*, shown in *Figure 3.2*.

3.1.1 Zero Measurements

Before and after each CPTU test, zero measurements are recorded for each channel of the cone. The zero measurements are presented on the logs in *Appendix B*. This is a routine quality check carried out on site.

3.2 MEASURED PARAMETERS

3.2.1 Cone Resistance (q_c)

Cone resistance, q_c , is measured as the total force acting on the cone, divided by the projected area of the cone. The results are presented in MPa, on *CPT Log 01*, in *Appendix B*, scale 0-20 MPa with a minor scale printing on the same graph at 0-4 MPa.

3.2.2 Sleeve Friction (f_s)

Sleeve friction, f_s , is measured as the total frictional force acting on the friction sleeve divided by its surface area. The results are presented in kPa, on *CPT Log 01*, in *Appendix B*, using a scale of 0-500 kPa.

3.2.3 Porewater pressure (u_2)

The pore pressure, u_2 , is measured during the test. If the material is free draining and saturation is maintained it will normally measure hydrostatic pore pressure. In materials that are not free draining, it will record the total pore pressure (hydrostatic plus any excess pore pressures generated) created by the cone penetration through this material.

The filter element can be mounted in one of three positions. For all tests carried out in this project the filter was mounted in the u_2 position (see *Figure 3.1*).

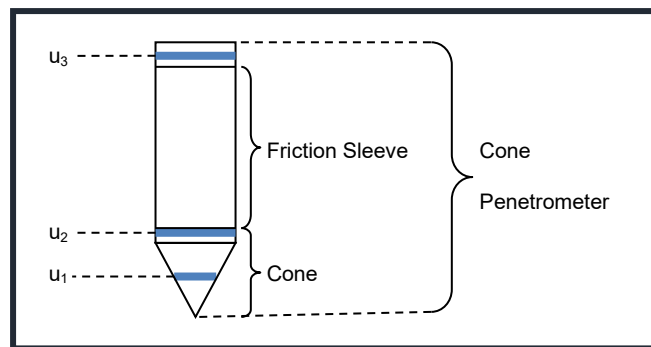


Figure 3.1: Diagram showing pore pressure filter locations (after Lunne et al., 1997)

3.2.4 Inclination (I_x, I_y)

The CPT rig was set up to obtain a thrust direction as near as possible to vertical. The CPTU cones have inclinometers incorporated to measure the non-verticality of the test. For test depths less than 15 m, significant non-verticality is unusual, provided the initial thrust direction is vertical.

3.3 ESTIMATED SOIL BEHAVIOUR TYPE

3.3.1 Friction Ratio (R_f)

The friction ratio, R_f is the ratio between the sleeve friction and the cone resistance (Lunne et al., 1997).

$$\text{Friction Ratio } (R_f) = \left(\frac{\text{Sleeve Friction } (f_s)}{\text{Cone Resistance } (q_c)} \right) \times 100$$

3.3.2 Estimated Soil Behaviour Type (SBT)

The estimation of soil behaviour type, *SBT*, using measurements of cone resistance and sleeve friction is based upon the variations of the friction ratio and cone resistance. The friction

ratio varies depending upon whether the soil is cohesive or granular. The cone resistance varies depending on the strength and densities of the soil.

The interpretation used in this report is *Robertson et al. (1986)*, which is shown in Figure 3.2. The results are presented on *CPT Log 01*, in *Appendix B*.

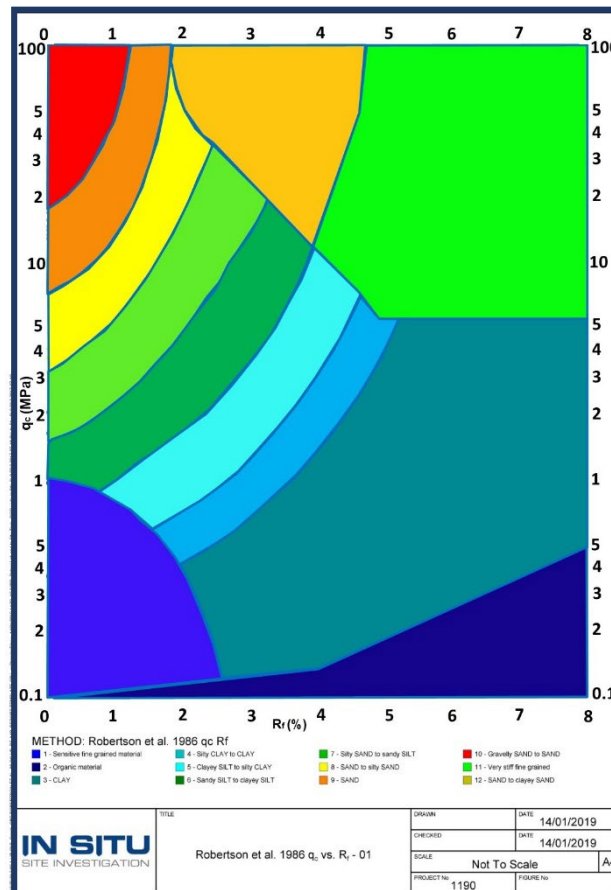


Figure 3.2: *Robertson et al., 1986 soil behaviour type chart.*

3.3.3 Pore Pressure Ratio (B_q)

Pore pressure ratio, B_q is the ratio between the measured pore pressure generated during penetration and the corrected cone resistance minus the total overburden stress.

Pore pressure ratio as defined by *Senneset and Janbu (1985)* is defined as:

$$B_q = \frac{u_2 - u_0}{q_t - \sigma_{vo}}$$

where

- u_2 is pore pressure measured between the cone and the friction sleeve
- u_0 is equilibrium pore pressure
- σ_{vo} is total overburden stress
- q_t is cone resistance corrected for unequal end area effects

3.4 APPLIED CORRECTIONS

3.4.1 Corrected Cone Resistance (q_t)

For each penetration test, the measured cone resistance, q_c , can be corrected for the “unequal area effect” due to the influence of the ambient pore water pressure acting on the cone.

The correction has been applied using the following equation by Lunne et al., 1997:

$$q_t = q_c + [u_2 \cdot (1 - \alpha)]$$

where

α is the cone area ratio

The cone used on this project has a cone area ratio of 0.79. This value is geometrically measured.

3.4.2 Depth Correction

All tests in the report have been corrected for depth difference caused by inclination. This has been calculated using the method described in *ISO 22476-1:2012*.

To calculate the corrected depth the following formula is used:

$$z = \int_0^l C_{inc} \cdot dl$$

where

z is penetration depth, in m

l is penetration length, in m

C_{inc} is correction factor for the effect of the inclination of the CPTU relative to the vertical axis.

The equation for calculating the correction factor for the influence of the inclination for a bi-axial inclinometer is:

$$C_{inc} = \frac{1}{\sqrt{(1 + \tan^2 \beta_1 + \tan^2 \beta_2)}}$$

where

β_1 is the angle between the vertical axis and the projection of the axis of the CPTU on a vertical plane, in degrees

β_2 is the angle between the vertical axis and the projection of the axis of the CPTU on a vertical plane that is perpendicular to the plane of angle β_1 , in degrees

4.0 GEOTECHNICAL DERIVED PARAMETERS

A number of empirical correlations can be used to derive geotechnical parameters from CPTU data. This report includes only the parameters which are described in this chapter. The results of all correlations used to obtain the geotechnical derived parameters are presented on *CPT Log 02* and *CPT Log 03* in *Appendix B*.

Please, note that each empirical correlation is derived for a certain type of soil, and may not be appropriate for all the soil types encountered on this project.

4.1 SOIL BEHAVIOUR TYPE INDEX (I_c)

The soil behaviour type index, I_c , was derived by *Jefferies and Davies (1991)*, and was created to simplify the application of CPTU SBT chart shown in *Chapter 3, Figure 3.2*. This approach has been modified for use with the *Robertson (1990)* normalised CPT soil classification chart, *Figure 4.1*. The normalised cone parameters Q_t and F_r (for definitions see *Appendix A5 Symbol List*) can be combined into one Soil Behaviour Type Index, I_c , (*Lunne et al., 1997*).

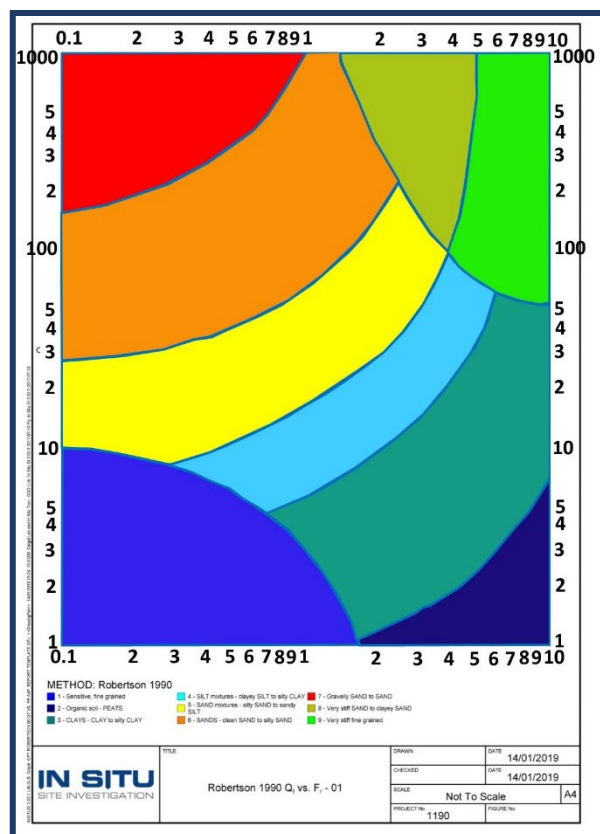


Figure 4.1: Robertson 1990 soil behaviour type chart.

The soil behaviour type index, I_c , can then be defined using *Robertson (2010)* formula, given below:

$$I_c = ((3.47 - \log Q_t)^2 + (\log F_r + 1.22)^2)^{0.5}$$

where

Q_t is the normalized cone resistance which represents the simple normalization with a stress exponent (n) of 1.0, which applies well to clay-like soils

F_R is the normalized friction ratio, in %

The boundaries of soil behaviour type are then given in terms of the index, I_c , presented in *Table 4.1* below.

The soils behaviour type index does not apply to zones 1, 8 and 9. The profiles of I_c provide a simple guide to the continuous variation of soil behaviour type in a given soil profile based on CPTU results, with a reliability greater than 80% compared with soil samples (*Robertson, 2015*).

Zone	Soil Behaviour Type	I_c
1	Sensitive fine grained	N/A
2	Organic Soils – clay	>3.6
3	Clays – silty clay to clay	2.95 – 3.6
4	Silt mixtures – clayey silt to silty clay	2.60 – 2.95
5	Sand mixtures – silty sand to sandy silt	2.05 – 2.6
6	Sands – clean sand to silty sand	1.31 – 2.05
7	Gravelly sand to dense sand	<1.31
8	Very stiff sand to clayey sand*	N/A
9	Very stiff fine grained *	N/A

* Heavily over consolidated or cemented

Table 4.1: Normalized CPTU Soil Behaviour Type (SBT_n) Index values, I_c . (*Robertson, 2010*)

4.2 N VALUE OF STANDARD PENETRATION TEST (SPT) (N_{60})

The derived N value of SPT, N_{60} , is strongly and directly related to the cone resistance, q_c .

In this report the N_{60} value is derived using the following correlations, developed by *Robertson and Wride (1998)*, *Jefferies and Davies (1998)* and *Robertson (2012)*:

1) *Robertson & Wride (1998)*

$$N_{60} = \frac{q_c}{8.5 \cdot p_a \left(1 - \frac{I_c}{4.6}\right)}$$

2) *Jefferies and Davies (1993)*

$$N_{60} = \frac{q_c}{0.85 \cdot \left(1 - \frac{I_c}{4.75}\right)}$$

3) *Robertson (2012)*

$$N_{60} = \frac{\frac{q_c}{p_a}}{10^{1.1268 - 0.2817I_c}}$$

where

- q_c is the cone resistance
- p_a is the atmospheric pressure equal to *100 kPa*
- I_c is the soil behaviour type index calculated as given in *section 4.1*

It is suggested that these methods provide a better estimation of the N_{60} value than the actual measured N , due to the poor repeatability of SPT test. However, in fine grained soil with high sensitivity these methods may overestimate N_{60} (*Jefferies and Davies, 1991*). The third method suggested by *Robertson (2012)* provides improved estimates of N_{60} for insensitive clays.

4.3 RELATIVE DENSITY (D_r)

Relative density, D_r , is an intermediate parameter for coarse grained soils, widely used to describe sand deposits. All the research on deriving the relative density from CPTU tests results are carried out for **clean predominantly quartz sands**. The studies have shown that CPTU resistance in granular soils is controlled by sand relative density, in situ effective stresses and compressibility. The more compressible sands tend to give lower penetration resistance for a given relative density than less compressible sands.

In this report relative density is calculated using the methods suggested by *Baldi et al., (1986)*, *Jamiolkowski et al., (2001)* and *Kulhawy and Mayne (1990)* as shown in the equations below:

1) Baldi et al., (1986)

$$D_r = \frac{1}{C_2} \cdot \ln \left(\frac{q_c \cdot Wehr}{C_1 \cdot (\sigma'_{v0})^{0.55}} \right) \cdot 100$$

where

C_1 is a consolidation coefficient which is 157 for normally consolidated soils and 181 for over consolidated soils

C_2 is a consolidation coefficient which is 2.41 for normally consolidated soils and 2.46 for over consolidated soils

Wehr is a correction coefficient for calcareous soils

2) Jamiolkowski et al., (2001)

$$D_r = 100 \cdot \left[0.268 \cdot \ln \left(\frac{q_t / \sigma_{atm}}{\sqrt{\sigma'_{v0} / \sigma_{atm}}} \right) + C_1 \right]$$

where

C_1 is a compressibility coefficient which is -0.675 for average compressible soils, ≤ 1.0 for high compressible soils and carbonate or calcareous sands and ≥ -2.0 for low compressible soils

q_t is corrected cone resistance

σ_{atm} is the atmospheric pressure

3) Kulhawy and Mayne, (1990)

$$D_r = \left[\frac{q_{c1}}{305 \cdot C_1 \cdot OCR^{0.18} \cdot (1.2 + 0.05 \cdot \log(t/100))} \right]^{0.5} \cdot 100$$

where

q_{c1} is the cone resistance corrected for initial vertical effective stress and atmospheric pressure, calculated by the following formula

$$q_{c1} = \frac{q_c}{\sqrt{\sigma'_{v0} \cdot \sigma_{atm}}}$$

where

q_c is the cone resistance in *kPa*

σ'_{v0} is the initial vertical effective stress in *kPa*

C_1 is a compressibility coefficient which is -0.91 for low compressible sands, 1.0 for medium compressible sands and 1.09 for high compressible sands

t is time in years

4.4 FRICTION ANGLE (ϕ')

Friction angle, ϕ' , is used to express the shear strength of uncemented, coarse grained soils. In this report friction angle is derived by the correlations of *Mayne and Campanella (2005)*, *Robertson and Campanella (1983)* and *Kulhawy and Mayne (1990)*.

- 1) Mayne and Campanella, (2005)

$$\phi' = 29.5^0 \cdot B_q^{0.121} \cdot [0.256 + 0.336 \cdot B_q + \log Q_t]$$

where

B_q is the pore pressure ratio, calculated as in Session 3.3

Q_t is the normalized cone resistance

- 2) Robertson and Campanella, (1983)

$$\phi' = \tan^{-1} \left(0.1 + 0.38 \cdot \log \left(\frac{q_c}{\sigma'_{v0}} \right) \right)$$

where

q_c is the cone resistance in *kPa*

σ'_{v0} is the initial vertical effective stress in *kPa*

- 3) Kulhawy and Mayne, (1990)

$$\phi' = 17.6^0 + 11.0^0 \cdot \log(q_{t1})$$

where

q_{t1} is the corrected cone resistance corrected for initial vertical effective stress and atmospheric pressure, calculated by the following formula

$$q_{t1} = \frac{q_t}{\sqrt{\sigma'_{v0} \cdot \sigma_{atm}}}$$

The method suggested by *Mayne and Campanella (2005)* will not provide reliable results for heavily over consolidated soils, fissured geomaterials and highly cemented or structures clays. This approach gives reliable results when pore pressure is positive and varies $0.1 < B_q < 1.0$. The correlation suggested by *Robertson and Campanella (1983)* estimates the peak friction angle for uncemented, unaged, moderately compressible, predominately quartz sands. For sands of higher compressibility, the method will tend to predict low friction angles. The method suggested by *Kulhawy and Mayne (1990)* is an alternate relationship for clean, rounded, uncemented, quartz sands.

4.5 FINES CONTENT (FC)

The fines content, FC , in this report is estimated using two different methods, one from *Robertson and Wride (1998)* and the other, *Suzuki et al. (1998)* as presented below:

- 1) Robertson and Wride (1998)

$$I_c < 1.26: FC = 0$$

$$1.26 \leq I_c \leq 3.5: FC(\%) = 1.75I_c^{3.25} - 3.7$$

$$3.5 < I_c: FC = 100\%$$

- 2) Suzuki et al. (1998)

$$FC(\%) = 2.8I_c^{2.6}$$

where

I_c is the soil behaviour type index, calculated as in section 4.1

4.6 UNDRAINED SHEAR STRENGTH (s_u)

Estimation of undrained shear strength, s_u , from CPTU tests using corrected cone resistance is carried out using the following correlation from *Lunne et al. (1981)*:

$$S_u = \frac{(q_t - \sigma_{v0})}{N_{kt}}$$

where

N_{kt} is the empirical cone factor, which varies from 10 (6 for very soft sensitive fine grained soils) to 20. In this report 3 values are considered: 15, 17.5 and 20. N_{kt} tends to increase with increasing plasticity and decrease with increasing soil sensitivity. It decreases as B_q increases. (*Lunne et al., 1997*)

σ_{v0} = total overburden stress.

This report only presents the undrained shear strength data on soils with soil behaviour type index, I_c values greater than 2.60.

The value of undrained shear strength, s_u to be used in analysis depends on the design problem. In general, the simple shear in the direction of loading often represents the average undrained strength. For larger, moderate to high risk projects, where high quality field and laboratory data may be available, site specific correlations should be developed based on appropriate and reliable values of s_u .

4.7 SENSITIVITY (S_t)

The sensitivity, S_t of clays is defined as the ratio of undisturbed peak undrained shear strength to totally remoulded undrained shear strength.

In this report S_t is calculated using two correlations developed by *Schmertmann (1978)* and *Mayne (2007)*.

1) Schmertmann (1978)

$$S_t = \frac{s_u}{s_{u(rem)}} = \frac{q_t - \sigma_v}{N_{kt}} \left(\frac{1}{f_s} \right)$$

where

$s_{u(rem)}$ is the remoulded undrained shear strength. It can be assumed equal to the sleeve resistance, f_s .

2) Mayne (2007)

$$S_t = \frac{0.073 \cdot (q_t - \sigma_{v0})}{f_s}$$

For relatively sensitive clays, $S_t > 10$, the value of f_s can be very low and not very accurate, hence the estimate of sensitivity should be used as a guide only.

4.8 SOIL UNIT WEIGHT (γ)

Soil unit weight, γ in this report is calculated by using one method for sands, considered under dry conditions and two methods for clays, considered under saturated conditions. These relationships are developed by *Mayne (2007)* and the equations are presented below:

Dry unit weight for sands:

$$\gamma_{dry} = 1.89 \cdot \log(q_{t1}) + 11.82$$

Saturated unit weight for clays method 1

$$\gamma_{sat} = 8.32 \cdot \log(V_s) - 1.61 \cdot \log(z)$$

Saturated unit for clays method 2

$$\gamma_{sat} = 2.60 \cdot \log(f_s) + 15 \cdot G_s - 26.5$$

where

q_{t1} is the corrected cone resistance corrected for initial vertical effective stress and atmospheric pressure, calculated by the following formula:

$$q_{t1} = \frac{q_t}{\sqrt{\sigma'_{v0} \cdot \sigma_{atm}}}$$

z is the depth

V_s is the shear wave velocity, calculated as $V_s = 118.8 \cdot \log(f_s) + 18.5$

G_s is the specific gravity of solids, typically between 2.40 and 2.90

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APPENDIX A

APPENDIX A1 – Project Summary Sheet

Piezocene Tests Summary Sheet

HOLE ID	Final Depth (m)	Date of Test	Cone Used	Test Remarks
CPT01	0.83	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT02	2.48	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT03	1.74	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT04	2.27	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT05	5.07	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT06	0.25	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT07	21.84	04/07/2022	S15-CFIP.2112	Test refused on total pressure.
CPT08	11.93	04/07/2022	S15-CFIP.2112	Test refused on tip resistance.

APPENDIX A2 – CPT Rig Datasheet

RIGS

20 TONNE CPT WHEEL MOUNTED RIG (CPT 021)

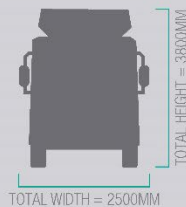
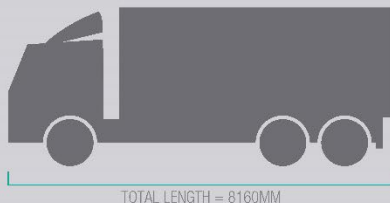
This 6 x 6 wheel drive CPT rig is ideal for geotechnical testing on hardstanding sites such as roads and carparks. Its off road tyres enable it to be used on dry non-hardstanding sites as well, making it one of our more versatile rigs as it can be deployed to many different types of site. It weighs 20 tonnes and can push up to 150 metres in a day, depending on location access and ground conditions.

CPT RIG DETAILS

DRIVE SYSTEM	6x6 WHEEL DRIVE
TOTAL WEIGHT	20 TONNES
GROUND BEARING PRESSURE	56kPa
CPT RAM THRUST CAPACITY	20 TONNES
MAXIMUM PENETRATION	30-40M DEPENDING ON THE GROUND CONDITIONS.
PERFORMANCE RATES	120-150M OF TESTING IN A DAY DEPENDING ON ACCESS TO POSITIONS.
TYPICAL SITES FOR THIS RIG	HARDSTANDING SITES, E.G. ROADS, CARPARKS. DRY NON HARDSTANDING SITES.



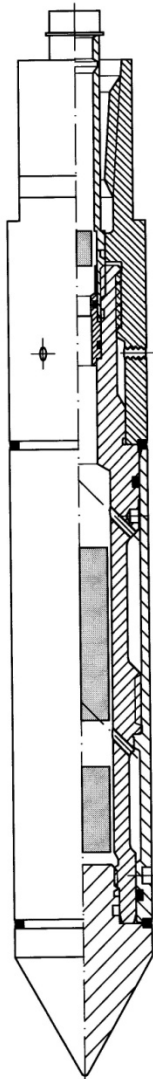
CPT RIG DIMENSIONS



APPENDIX A3 – Cone Datasheet



Rijksstraatweg 22F
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Tel. : +31 71 301 92 51
Fax : +31 71 301 92 52
E-mail : info@geopoint.nl
ING bank : 68.23.01.396
Postbank : 5226758
BTW nr. : NL806331677801



SPECIFICATIONS

S15 SERIES

ELECTRICAL CONES

The electronic subtraction cones have been developed to address the durability problems inherent in other cone designs. The unit consists of a single element temperature compensated strain gauge transducer for measuring both cone resistance and local sleeve friction. This design is therefore more robust than a compression type cone. The cone support electronics package is located directly behind the transducer. The precision strain gauge amplifiers and power supply eliminate the effects of cable resistance on the measurements. A standard subtraction cone is capable of measuring simultaneously the following channels: Tip, Local friction, Pore pressure, Temperature and Inclination.

GENERAL SPECIFICATIONS

Cone Tip Section Area	1,500 mm ²
Friction Sleeve Surface	22,500 mm ²
Total Length	325 mm
Weight	4200 g
Power Supply	± 15 VDC, 100 mA.
Output	0 – 10 VDC*
Working Temperature	0 - 60°C
Storage Temperature	- 40 to + 85°C
Connector	Lemo 10 pins (others on request)

TIP RESISTANCE

Range	100/150* kN
Accuracy	0.25 % FS
Maximum Load	150 % of range
Cone Area Ratio	0.75

LOCAL SLEEVE FRICTION

Range	100/150* kN
Accuracy	0.50 % FS
Maximum Load	150 %
Sleeve Area Ratio	1.0 (EA)

PORE PRESSURE

Range	1/2/5/10* MPa
Accuracy	0.5 % FS
Maximum Load	150 % of range

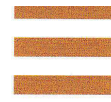
INCLINATION

Range	25 ° (biaxial)
Accuracy	< 2 °

All our equipment complies with the ISSMGE, ASTM, DIN and NEN Standards.

**Other output and voltage ranges available on request. Loadcells may be calibrated for lower ranges.*

APPENDIX A4 – Cone Calibration Certificate



Eijkelpoint
SoilSolutions

Rijkstraatweg 22F
2171 AL Sassenheim
The Netherlands

T +31 71 301 9251
E info@eijkelpoint.com
I eijkelpoint.com

Cone Calibration Certificate

Certificate: **GS-2112-001**
Instrument Type: Electric Subtraction Cone
Model: S15-CFIIP
Serial number: 2112
Calibration date: 29-04-2022
Client: Insitu
Calibrated by: W.Volgering
Calibration instruments
Manufacturer: Hottinger Baldwin Messtechnik GmbH
NMI certificate: 2461165.00501
Calibration conditions
Ambient temperature: 24.5 °C
Atmospheric pressure: 1032 mBar
Cone specifications
Cone base area: 1500 mm²
Load tip resistance (nom.): 100 kN
Friction sleeve area: 22500 mm²
Load tip + local friction (nom.): 100 kN
Load friction sleeve (nom.): 22.5 kN
Load pore pressure (nom.): 2 MPa
Inclination (nom.): +/- 20 °
Temperature compensation (all channels): 0...+40 °C
Maximum overload capacity (all channels): 100 %
Cone area ratio (a): 0.79
Max. Inaccuracy, relative to measurement value: 1.0 %

Zero points:	Tip:		Sleeve:		Pore Pressure:		Inclinometer:		
	qc in kN	mV	fs in kN	mV	MPa	mV	Degrees	X (mV)	Y (mV)
	0	0	0	0	0	0	0	2517	2458
	5	0288	5	0298	0.4	1447	-20	0593	0468
	10	0577	10	0595	0.8	2896	20	4484	4438
	15	0864	15	0893	1.2	4333			
	20	1155	20	1191	1.6	5768			
	25	1444	25	1491	2	7203			
	30	1733	30	1789					
	35	2022	35	2086					
	40	2310	40	2387					
	45	2599	45	2686					
	50	2888	50	2984					
	75	4330	75	4477					
	100	5771	100	5968					

Max. error, abs. qc: 35 kPa
Max. error, abs. fs: 2 kPa
Max. error, abs. u2: 10 kPa
Max. error, abs. I: 1 °

This calibration is compliant with Eijkelpoint GeoPoint SoilSolutions internal quality system, internal calibration procedures and meets the requirements of NEN2649, NEN-EN-ISO 22476-1, NORSOK G-001, ISSMFE and ASTM using calibration equipment traceable to (Inter-)National Standards.

Approved by: B. Kop
Date: 29-04-2022

Eijkelpoint GeoPoint SoilSolutions
V.A.T. NO. NL 8584.21.422.B01
Trade Reg. Arnhem no. 70686149

IBAN NL43 RABO 0326 7904 38
BIC: RABONL2U

APPENDIX A5 – Symbol List

English

a	is area ratio of the cone ($= A_n/A_c$)
A	is area
A_c	is projected area of the cone
A_n	is cross sectional area of load cell or shaft
A_s	is area of friction sleeve
A_{sb}	is bottom end area of friction sleeve
A_{st}	is top end area of friction sleeve
B_q	is pore pressure parameter ($= (u_2 - u_0)/(q_t - \sigma_{v0})$)
C_h	is horizontal coefficient of consolidation
C_v	is vertical coefficient of consolidation
D	is diameter
D_r	is relative density ($= \frac{e_{max}-e}{e_{max}-e_{min}} \times 100\%$)
e	is void ratio
e_{max}	is maximum void ratio
e_{min}	is minimum void ratio
E	is Young's modulus
f_s	is unit sleeve friction resistance
f_t	is sleeve friction corrected for pore pressure effects
F_s	is total force acting on friction sleeve
F_R	is normalized friction ratio ($= f_s/(q_t - \sigma_{v0})$)
FoS	is factor of safety
FC	is fines content
g	is acceleration due to gravity
G_0	is initial or maximum shear modulus, shear stiffness
I_c	is soil behavior type index
I_r	is rigidity index ($= G/s_u$)
I_p	is plasticity index
k	is coefficient of permeability
k_h	is coefficient of permeability in horizontal direction
k_v	is coefficient of permeability in vertical direction
K_0	is coefficient of earth pressure at rest ($= \sigma'_{h0}/\sigma'_{v0}$)
L	is length
m_v	is coefficient of volume change
M	is constrained deformation modulus
M7.5	is earthquake magnitude of 7.5 Richter scale
N	is number of blows of SPT
N_{60}	is SPT energy ratio
N_k	is cone factor
N_{ke}	is cone factor
N_{kt}	is cone factor
$N_{\Delta u}$	is cone factor
p_a	is reference stress ($= 100 \text{ kPa}$)
q_c	is measured cone resistance
q_e	is effective cone resistance ($= q_t - u_2$)
q_n	is net cone resistance ($= q_t - \sigma_{v0}$)
q_t	is corrected cone resistance ($= q_c - (1 - a)u_2$)
Q_c	is total force acting on the cone
Q_t	is normalized cone resistance ($= q_t - \sigma_{v0}/\sigma'_{v0}$)

R_f	is friction ratio ($= (f_t/q_t) \times 100\%$ or alternatively $= (f_t/q_t) \times 100\%$)
s_u	is undrained shear strength
s_{ur}	is remoulded undrained shear strength
S_t	is sensitivity
t	is time
t_{50}	is time for 50% dissipation of excess pore water pressure
T_{50}	is time factor at $U = 50\%$
u	is pore water pressure
u_0	is in situ pore pressure
u_1	is pore pressure measured on the cone
u_2	is pore pressure measured behind the cone
u_3	is pore pressure measured behind sleeve friction
Δu	is excess pore water pressure
U	is normalized excess pore pressure
V_s	is shear wave velocity
z	is depth

Greek

α	is constant
α	is cone roughness
β	is constant
β_1	is the angle between the vertical axis and the projection of the axis of the CPTU on a vertical plane, in degrees
β_2	is the angle between the vertical axis and the projection of the axis of the CPTU on a vertical plane that is perpendicular to the plane of angle β_1 , in degrees
γ	is unit weight of soil
γ_w	unit weight of water
Δ	is change
Δu	is excess pore pressure ($= u - u_0$)
μ	is Poisson's ratio
ρ	is density
ψ	is state parameter
σ, σ'	is normal stress (total, effective)
σ_h, σ'_h	is horizontal stress (total, effective)
σ_v, σ'_v	is horizontal stress (total, effective)
$\sigma_{v0}, \sigma'_{v0}$	is overburden stress (total, effective)
T_{av}	is average cyclic shear stress
T_{cy}	is cyclic shear stress
ϕ'	is effective friction angle

APPENDIX A6 – Abbreviations

ASTM	American Society for Testing and Materials
CPTU	Cone Penetration Test with Pore Pressure Measurement (Piezocone Test)
CRR	Cyclic Resistance Ratio
CSR	Cyclic Stress Ratio
GWT	Ground Water Table
NC	Normally Consolidated
OC	Over consolidated
OCR	Over consolidation Ratio
PL	Limit Pressure
SCPT	Seismic Cone Penetration
SDMT	Seismic Dilatometer Marchetti
SPT	Standard Penetration Test
TC	Technical Committee

APPENDIX A7 – Glossary

CPT

Cone Penetration Test.

Cone

The part of the cone penetrometer on which the end bearing is developed.

Cone Penetrometer

The assembly containing the *cone*, *friction sleeve*, any other sensors and measuring systems, as well as the connections to the *push-rods*.

Cone resistance, q_c

The total force acting on the cone, Q_c , divided by the projected area of the cone, A_c . $q_c = Q_c/A_c$

Corrected cone resistance, q_t

The *cone resistance*, q_c corrected for pore water pressure effects.

Corrected sleeve friction, f_t

The *sleeve friction* corrected for pore water pressure effects on the ends of the *friction sleeve*.

Data acquisition system

The system used to measure and record the measurements made by the *cone penetrometer*.

Dissipation Test

A test when the decay of the pore water pressure is monitored during a pause in penetration.

Filter element

The porous element inserted into the cone penetrometer to allow transmission of the pore water pressure to the pore pressure sensor, while maintaining the correct profile of the *cone penetrometer*.

Friction ratio, R_f

The ratio, expressed as a percentage of the *sleeve friction*, f_s , to the *cone resistance*, q_c , both measured at the same depth.

Friction reducer

A local enlargement on the push-rod surface, placed at a distance above the cone penetrometer, and provided to reduce the friction on the *push-rods*.

Friction sleeve

The section of the *cone penetrometer* upon which the *sleeve friction* is measured.

Normalized cone resistance, Q_c or Q_t

The *cone resistance* expressed in a non-dimensional form and taking account of stress changes *in situ*, $Q_c = (q_c - \sigma_{v0})/\sigma'_{v0}$, or when the *corrected cone resistance* is used $Q_t = (q_t - \sigma_{v0})/\sigma'_{v0}$. Where σ_{v0} and σ'_{v0} are the total and effective vertical stress respectively.

Net cone resistance, q_n

The *corrected cone resistance* minus the vertical total stress. $q_n = q_t - \sigma_{v0}$

Normalized friction ratio, F_r

The *sleeve friction* normalized by the *net cone resistance*.

Piezocone

A *cone penetrometer* containing a pore pressure sensor.

Pore pressure, u

The pore pressure generated during penetration and measured by a pore pressure sensor, u_1 when measured on the cone, u_2 when measured just behind the cone and u_3 when measured just behind the friction sleeve.

Pore pressure ratio, B_q

The *net pore pressure* normalized with respect to the *net cone resistance*.

Push-rods

The thick-walled tubes or rods used for advancing the cone penetrometer.

Rig machine

The equipment which pushes the cone penetrometer and rods into the ground.

Sleeve friction, f_s

The total frictional force acting on the *friction sleeve*, F_s , divided by its *surface area*, A_s . $f_s = F_s/A_s$

APPENDIX A8 – Soils Description Tables

GRANULAR SOILS (Sands and Gravels)

Description	Relative Density D_r (%)	SPT N value, N_{SPT}
Very Loose	0 – 15	0 - 4
Loose	15 – 35	4 - 10
Medium Dense	35 – 65	10 - 30
Dense	65 – 85	30 - 50
Very Dense	>85	>50

COHESIVE SOILS (Clays and Silts)

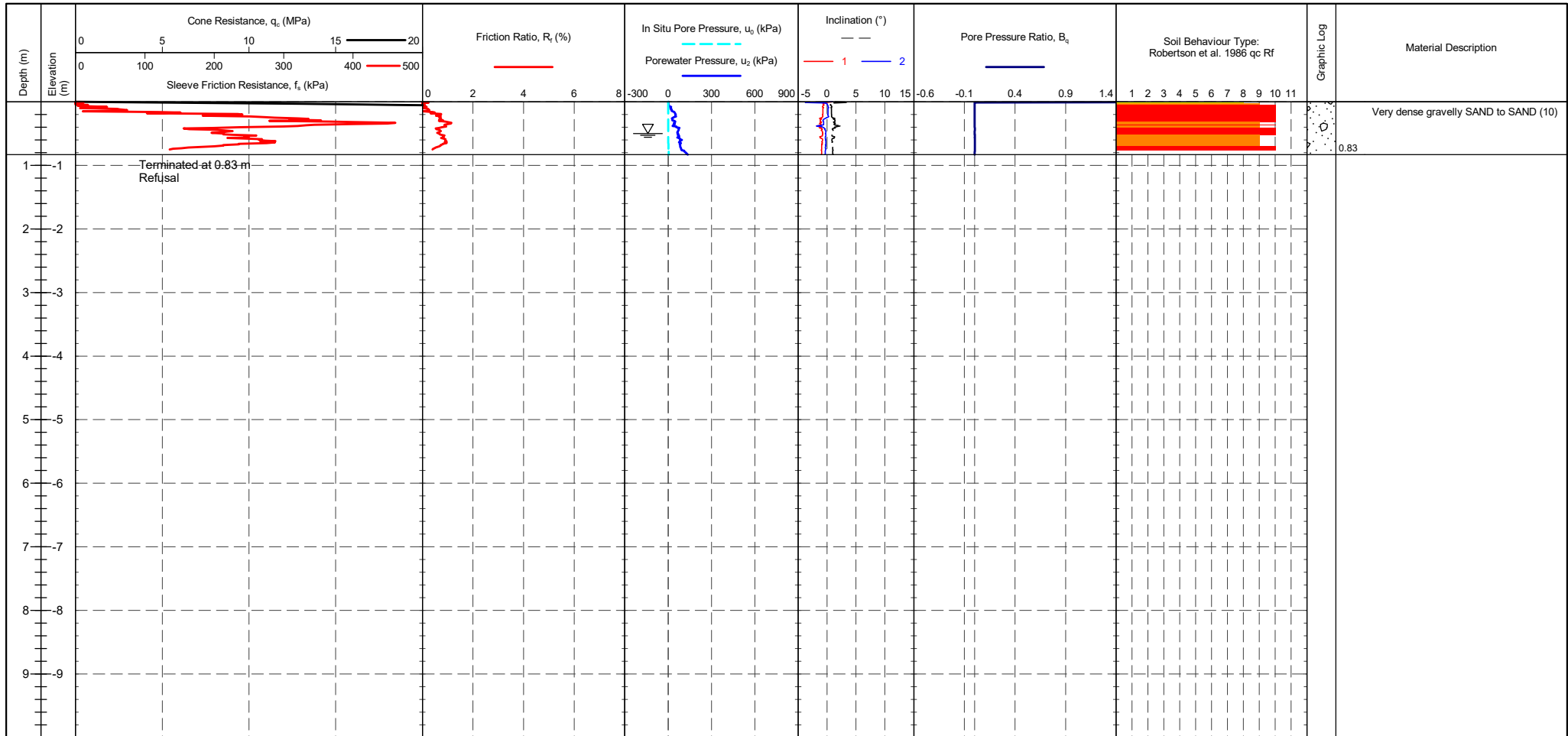
Term based on measurement	Undrained Shear Strength Classification, s_u (kPa)
Extremely low	<10
Very low	10 - 20
Low	20 - 40
Medium	40 - 75
High	75 - 150
Very high	150 - 300
Extremely high	>300

APPENDIX B

Cone Penetration Measured Parameters and Geotechnical Derived Parameters

PointID
CPT01

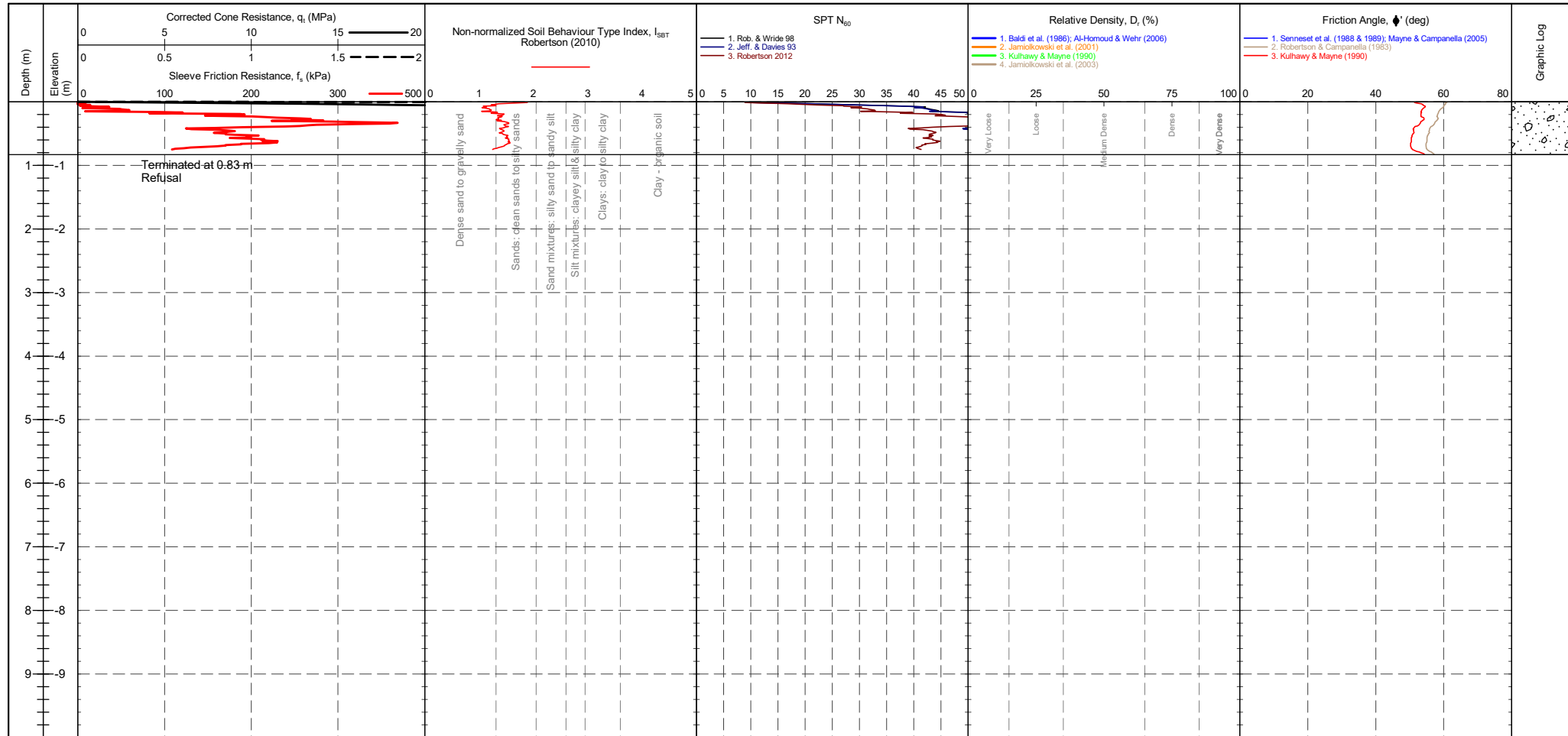
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>261 mV</td> <td>266 mV</td> <td>0.058 MPa</td> </tr> <tr> <td>Sleeve</td> <td>252 mV</td> <td>254 mV</td> <td>0.001 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>228 mV</td> <td>205 mV</td> <td>-0.006 kPa</td> </tr> <tr> <td>X-Y Inclinometer</td> <td>2827 mV</td> <td>2484 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	261 mV	266 mV	0.058 MPa	Sleeve	252 mV	254 mV	0.001 kPa	Pore Pressure 2	228 mV	205 mV	-0.006 kPa	X-Y Inclinometer	2827 mV	2484 mV		METHOD : Robertson et al. 1986 qc Rf <table border="1"> <tr> <td>1 - Sensitive fine grained material</td> <td>5 - Clayey SILT to silty CLAY</td> <td>9 - SAND</td> </tr> <tr> <td>2 - Organic material</td> <td>6 - Sandy SILT to clayey SILT</td> <td>10 - Gravelly SAND to SAND</td> </tr> <tr> <td>3 - CLAY</td> <td>7 - Silty SAND to sandy SILT</td> <td>11 - Very stiff fine grained</td> </tr> <tr> <td>4 - Silty CLAY to CLAY</td> <td>8 - SAND to silty SAND</td> <td>12 - SAND to clayey SAND</td> </tr> </table>	1 - Sensitive fine grained material	5 - Clayey SILT to silty CLAY	9 - SAND	2 - Organic material	6 - Sandy SILT to clayey SILT	10 - Gravelly SAND to SAND	3 - CLAY	7 - Silty SAND to sandy SILT	11 - Very stiff fine grained	4 - Silty CLAY to CLAY	8 - SAND to silty SAND	12 - SAND to clayey SAND	 Groundwater Level Dissipation Test
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PointID
CPT01

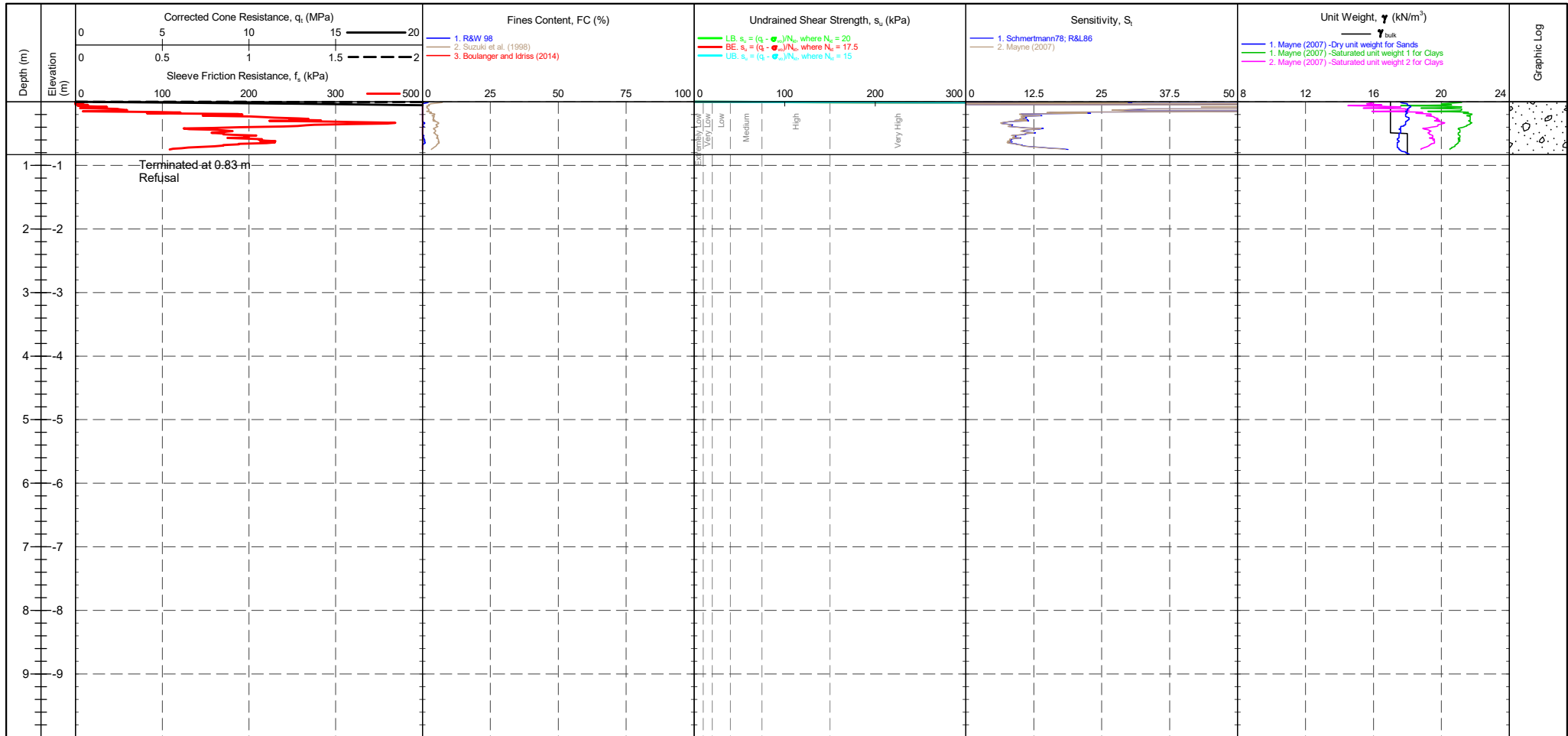
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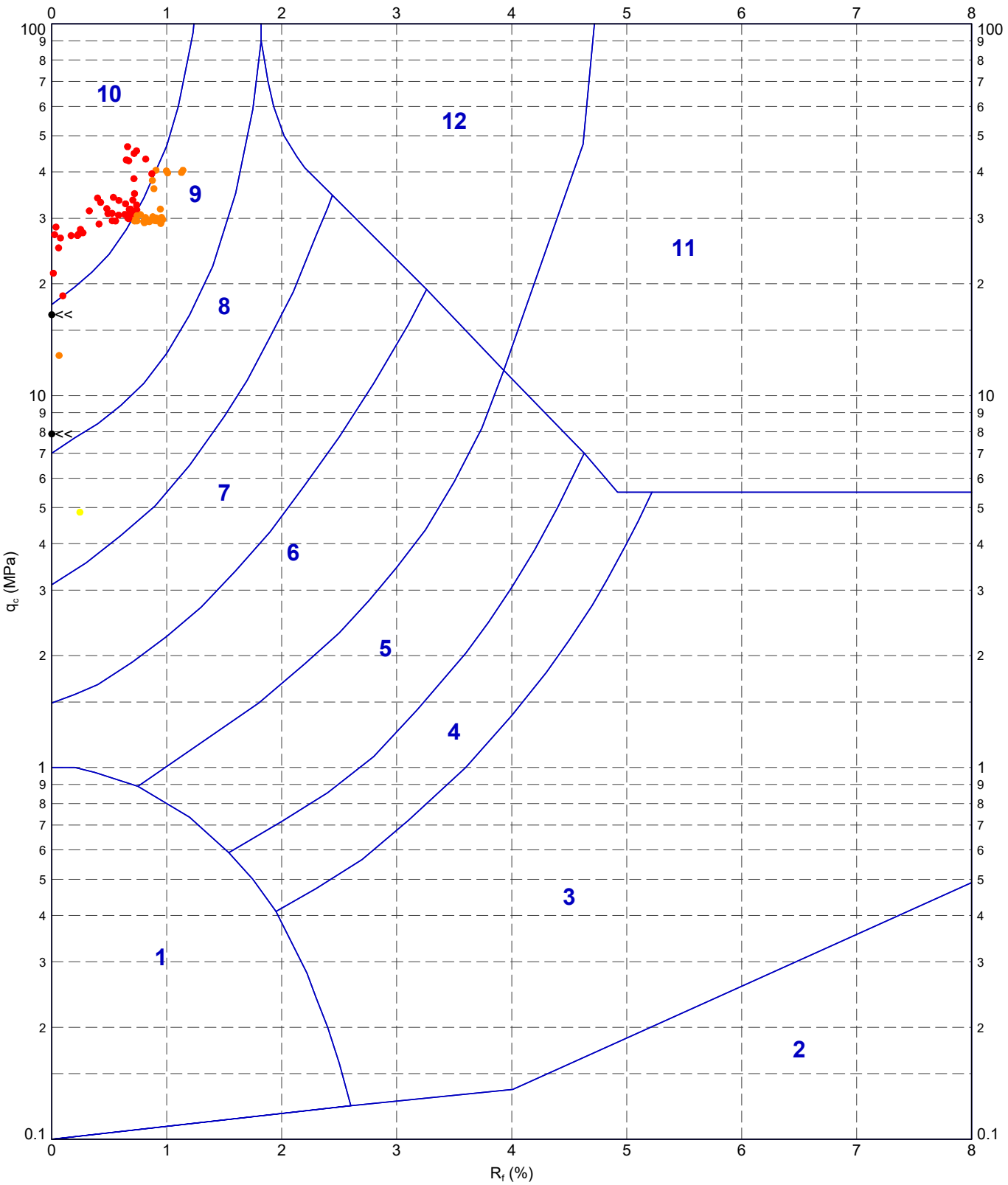
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CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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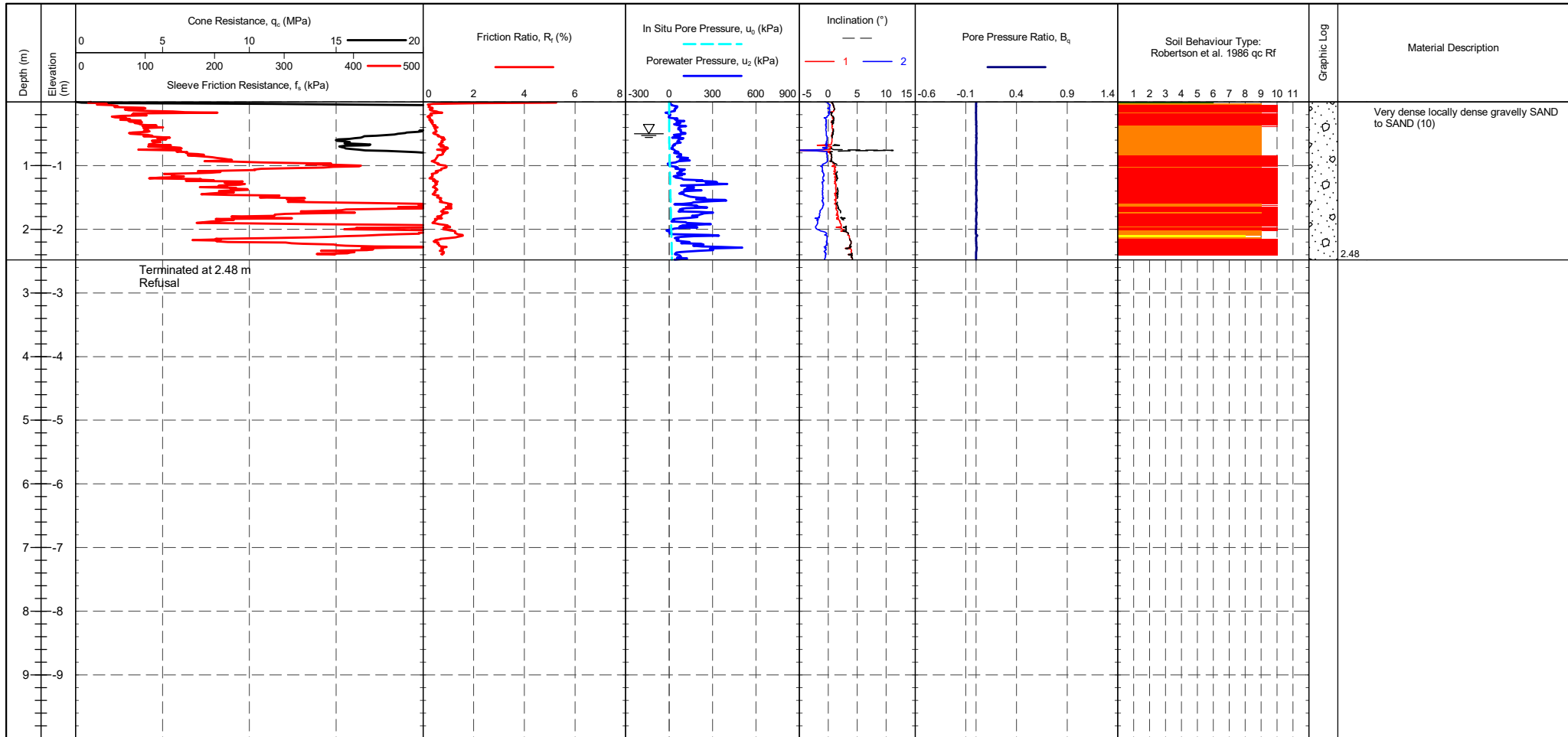
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|---|--|---|--|
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	TITLE	DRAWN	DATE
	TerraFirma (South) Canford Canford Energy Park Robertson et al. 1986 q_c vs. R_f - CPT01	CHECKED	DATE
	SCALE	Not To Scale	
	PROJECT No 1220328	FIGURE No A4	

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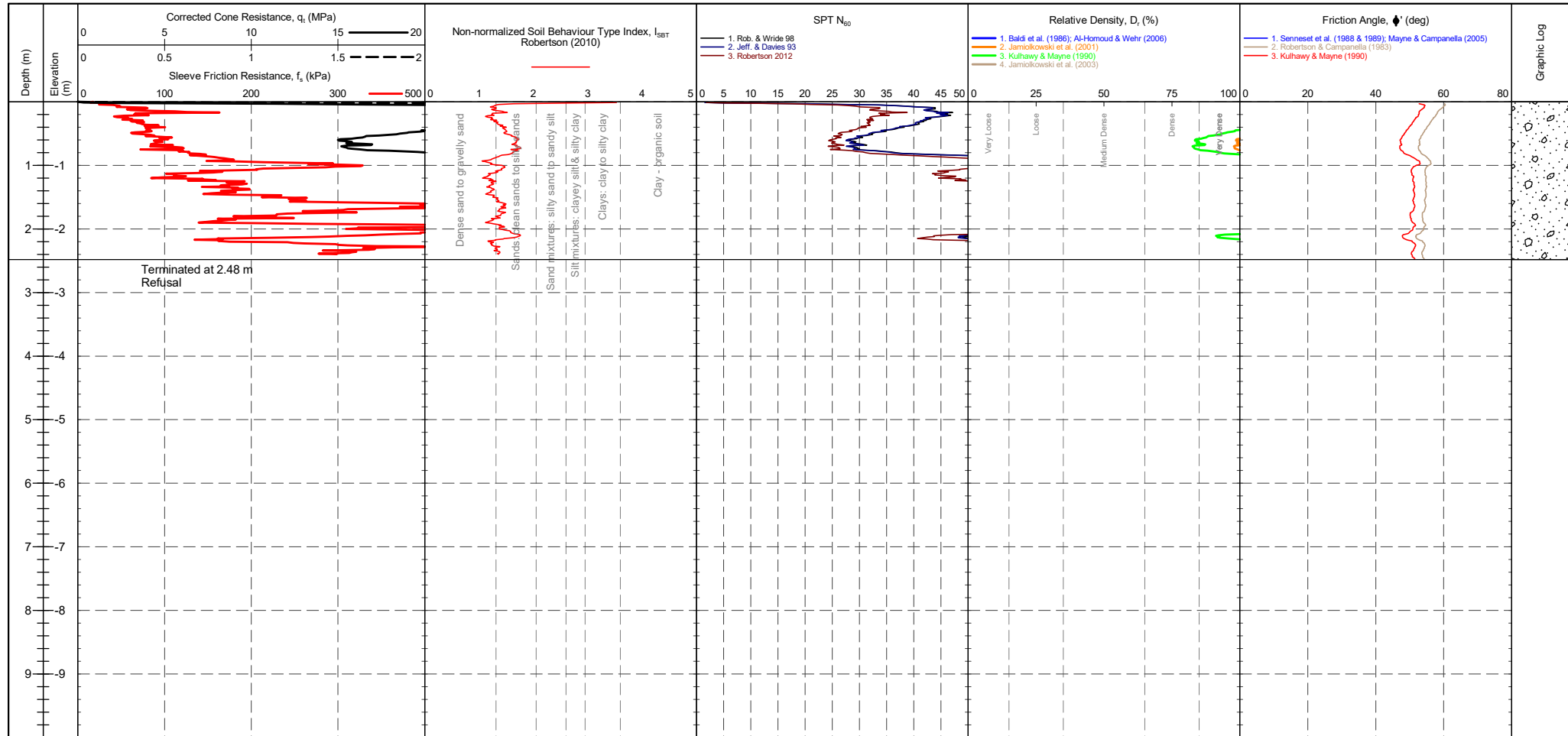
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Pre Post Difference Tip 266 mV 259 mV -0.081 MPa Sleeve 255 mV 253 mV -0.001 kPa Pore Pressure 2 287 mV 247 mV -0.011 kPa X-Y Inclinator 2554 mV 2678 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravelly SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID	CPT02
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CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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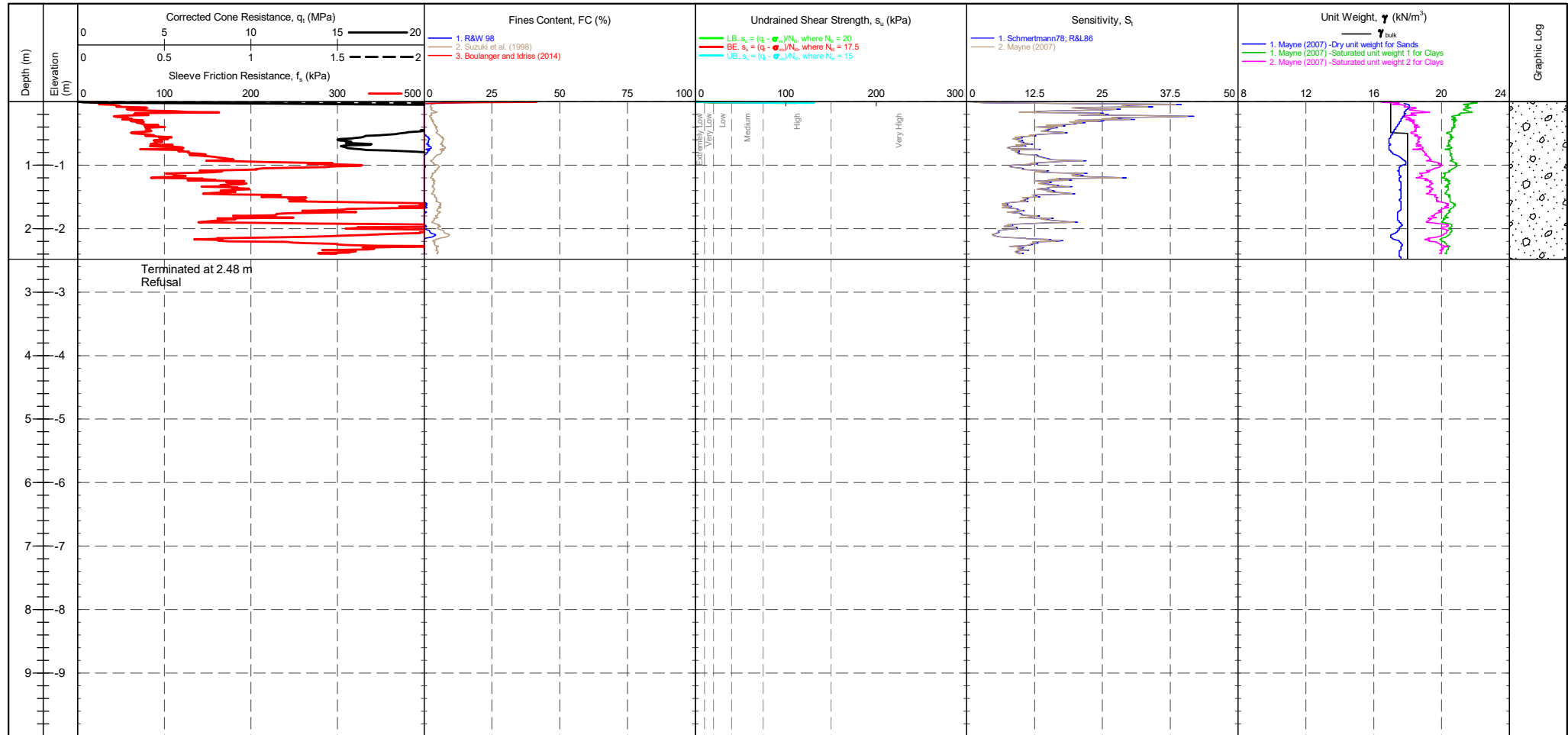


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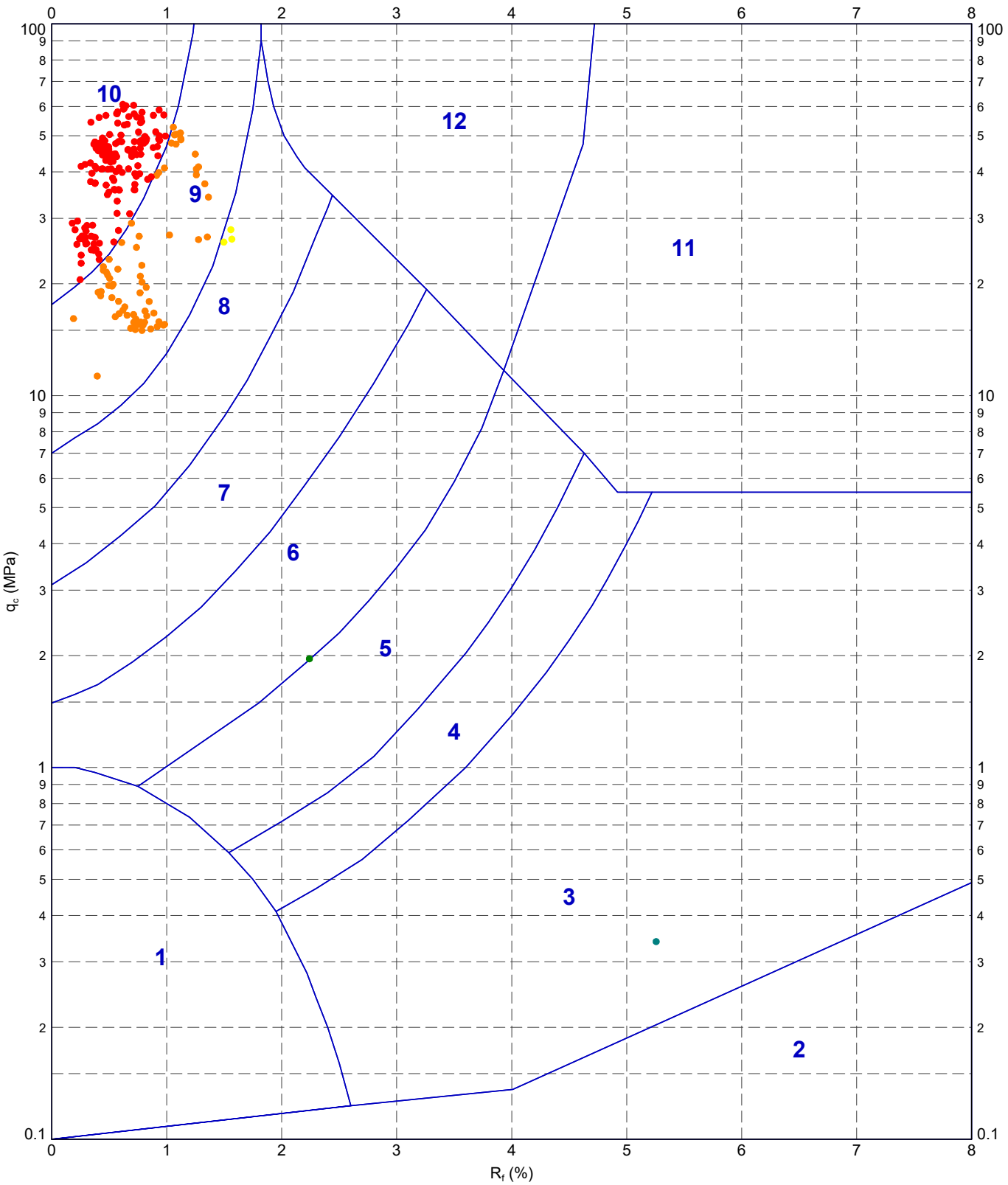
CPT02

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>266 mV</td> <td>259 mV</td> <td>-0.081 MPa</td> </tr> <tr> <td>Sleeve</td> <td>255 mV</td> <td>253 mV</td> <td>-0.001 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>287 mV</td> <td>247 mV</td> <td>-0.011 kPa</td> </tr> <tr> <td>X-Y Inclinator</td> <td>2554 mV</td> <td>2678 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	266 mV	259 mV	-0.081 MPa	Sleeve	255 mV	253 mV	-0.001 kPa	Pore Pressure 2	287 mV	247 mV	-0.011 kPa	X-Y Inclinator	2554 mV	2678 mV		COHESIVE SOILS (Clays & Silts) Robertson et al. 1986 Zones 1-6 and Zone 11 <table border="1"> <tr> <th>Term based on measurement</th> <th>su (kPa)</th> <th>Term based on measurement</th> <th>su (kPa)</th> </tr> <tr> <td>Extremely low strength</td> <td><10</td> <td>Medium strength</td> <td>40-75</td> </tr> <tr> <td>Very low strength</td> <td>10-20</td> <td>High strength</td> <td>75-150</td> </tr> <tr> <td>Low strength</td> <td>20-40</td> <td>Very high strength</td> <td>150-300</td> </tr> <tr> <td></td> <td></td> <td>Extremely high strength</td> <td>>300</td> </tr> </table>	Term based on measurement	su (kPa)	Term based on measurement	su (kPa)	Extremely low strength	<10	Medium strength	40-75	Very low strength	10-20	High strength	75-150	Low strength	20-40	Very high strength	150-300			Extremely high strength	>300	▽ Groundwater Level ▮ Dissipation Test
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220628-ADVANCED REPORT INSTITUTE 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 10:59 10.03.00.09 Datag Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0.2017-07-10 Proj: In Situ SI 2.02.0.2017-07-10

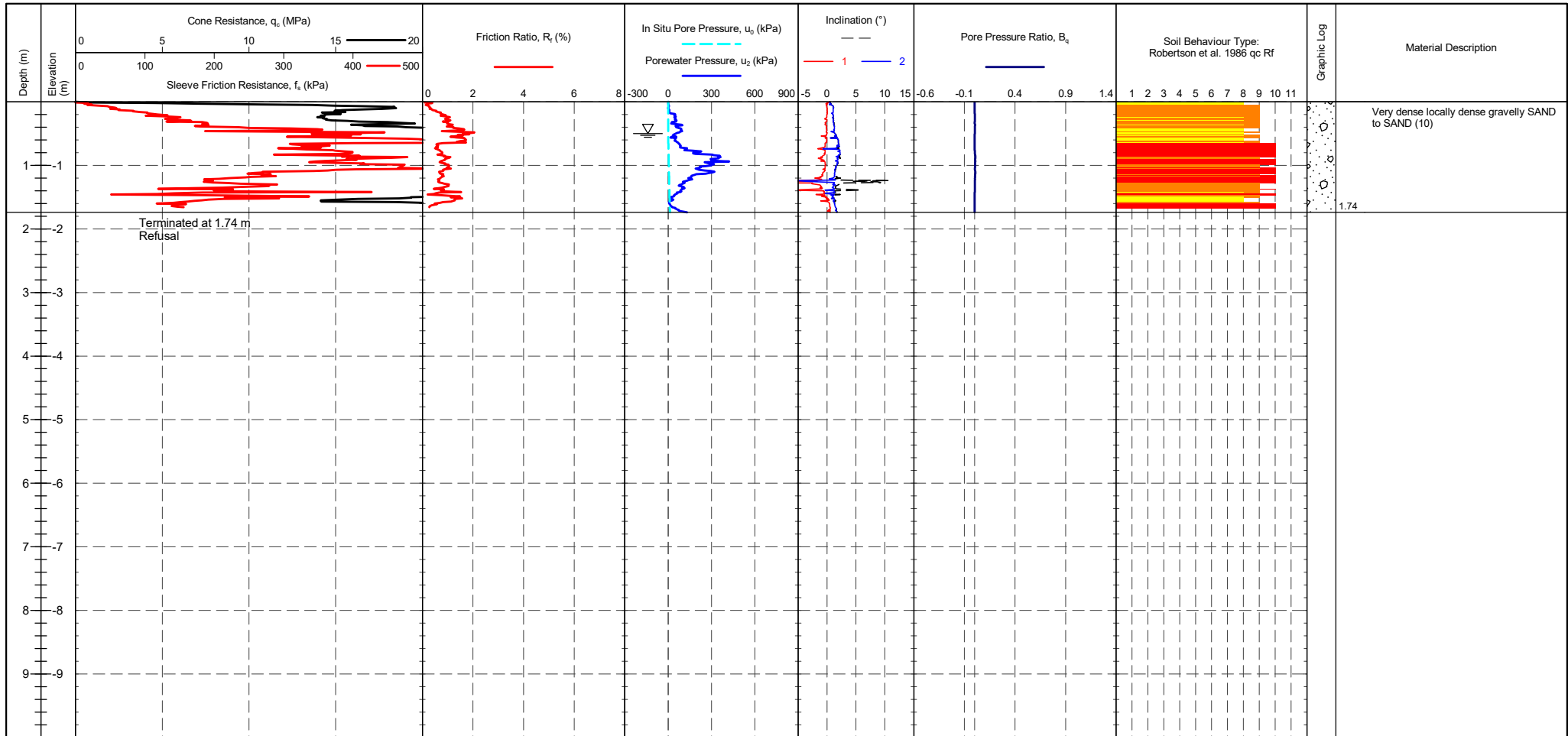


- METHOD: Robertson et al. 1986 q_c R_f**
- 1 - Sensitive fine grained material
 - 4 - Silty CLAY to CLAY
 - 7 - Silty SAND to sandy SILT
 - 10 - Gravelly SAND to SAND
 - 2 - Organic material
 - 5 - Clayey SILT to silty CLAY
 - 8 - SAND to silty SAND
 - 11 - Very stiff fine grained
 - 3 - CLAY
 - 6 - Sandy SILT to clayey SILT
 - 9 - SAND
 - 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	TerraFirma (South) Canford Canford Energy Park Robertson et al. 1986 q_c vs. R_f - CPT02	CHECKED	DATE
	SCALE	Not To Scale	
	PROJECT No 1220328	FIGURE No A4	

PointID
CPT03

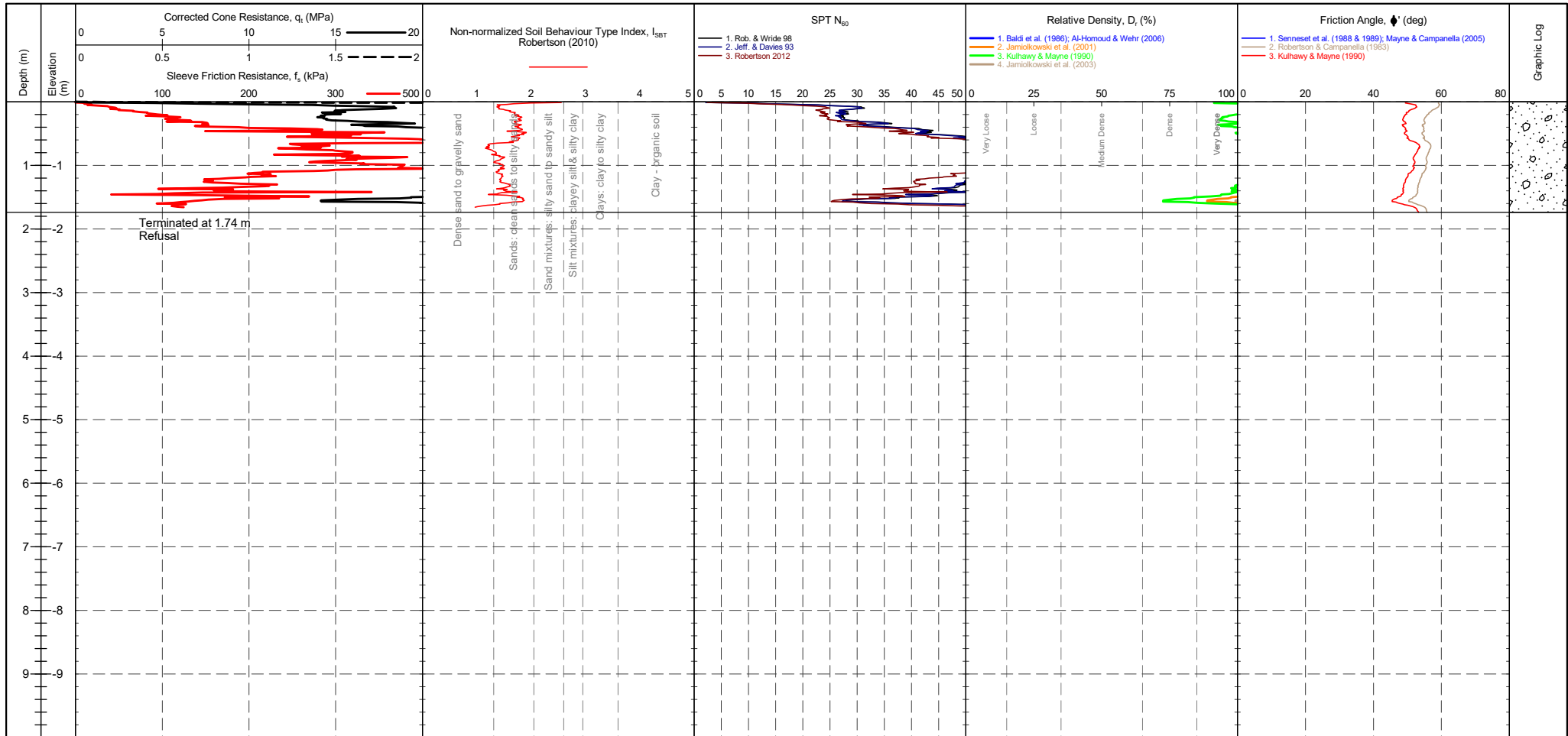
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Pre Post Difference Tip 260 mV 269 mV 0.104 MPa Sleeve 254 mV 259 mV 0.004 kPa Pore Pressure 2 287 mV 234 mV -0.015 kPa X-Y Inclinator 2570 mV 2527 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravelly SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID
CPT03

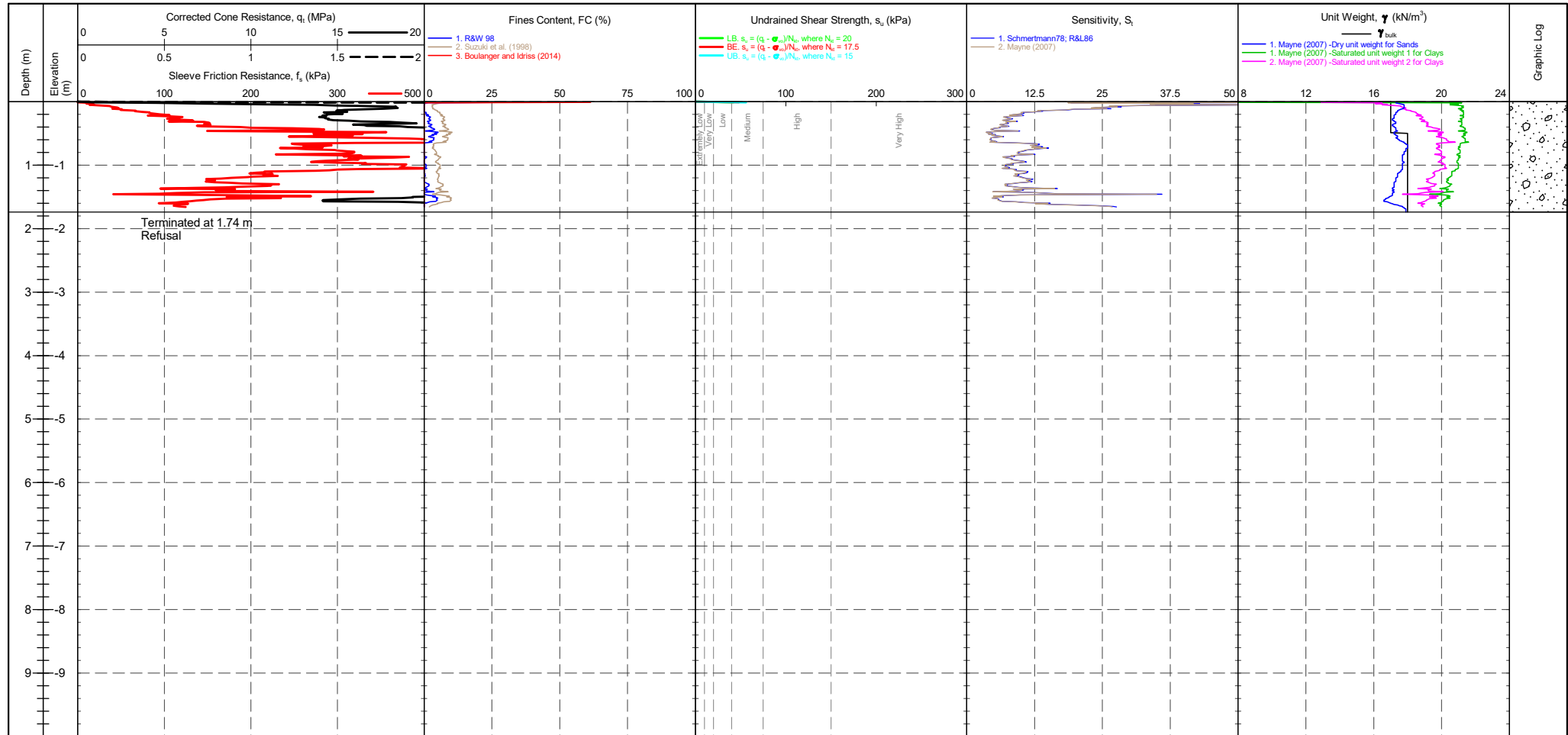
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>260 mV</td> <td>269 mV</td> <td>0.104 MPa</td> </tr> <tr> <td>Sleeve</td> <td>254 mV</td> <td>259 mV</td> <td>0.004 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>287 mV</td> <td>234 mV</td> <td>-0.015 kPa</td> </tr> <tr> <td>X-Y inclinometer</td> <td>2570 mV</td> <td>2527 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	260 mV	269 mV	0.104 MPa	Sleeve	254 mV	259 mV	0.004 kPa	Pore Pressure 2	287 mV	234 mV	-0.015 kPa	X-Y inclinometer	2570 mV	2527 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density Dr (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I _c	Description	SPT N value, NSPT	Description	Relative Density Dr (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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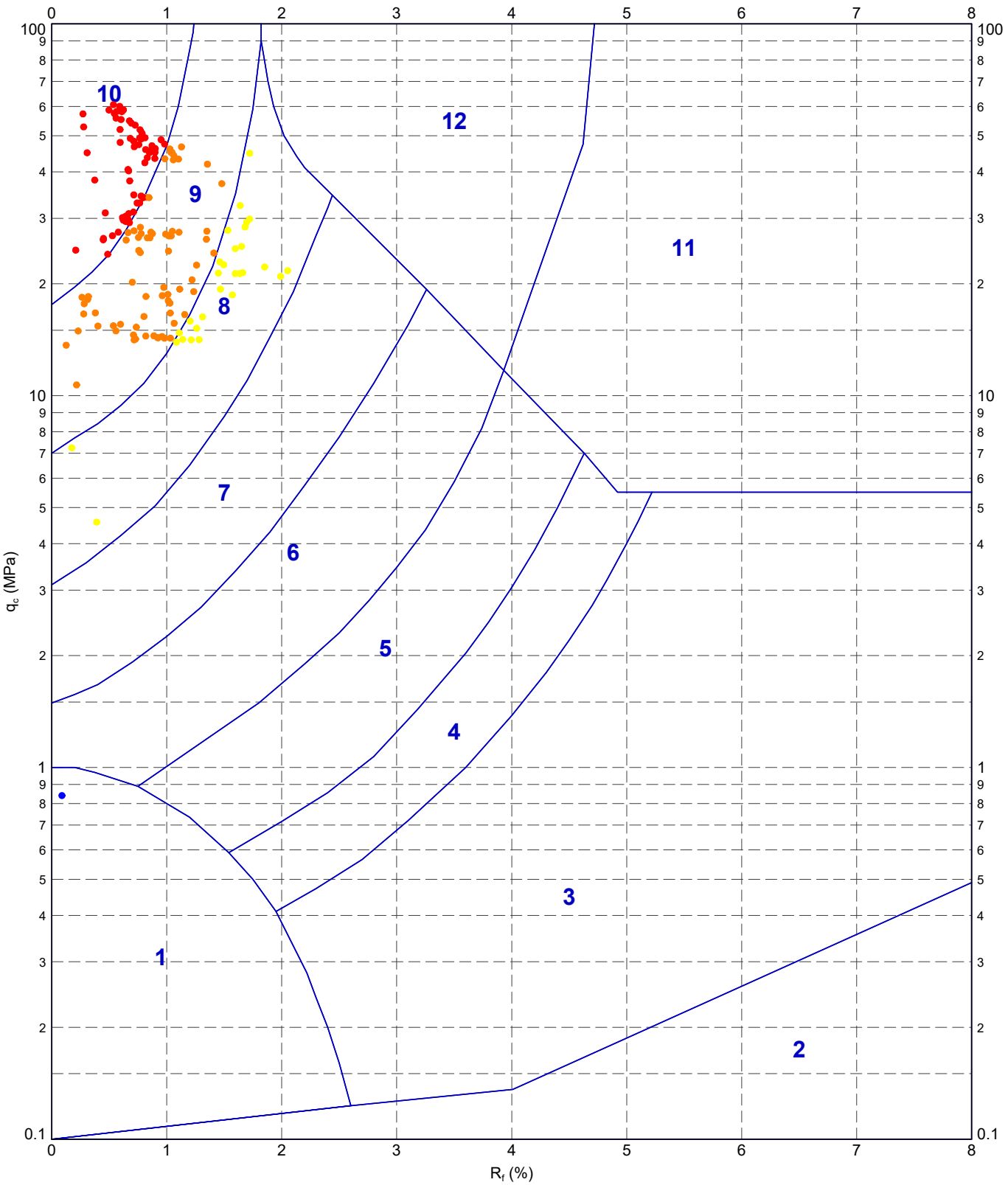
PointID
CPT03

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	Transducer Tip: 260 mV / 269 mV / 0.104 MPa Sleeve: 254 mV / 259 mV / 0.004 kPa Pore Pressure 2: 287 mV / 234 mV / -0.015 kPa X-Y Inclinator: 2570 mV / 2527 mV	CPTU ZERO VALUES Pre Post Difference Tip: 260 mV 269 mV 0.104 MPa Sleeve: 254 mV 259 mV 0.004 kPa Pore Pressure 2: 287 mV 234 mV -0.015 kPa X-Y Inclinator: 2570 mV 2527 mV	COHESIVE SOILS (Clays & Silts) Robertson et al. 1986 Zones 1-6 and Zone 11 Term based on measurement su (kPa) Term based on measurement su (kPa) Extremely low strength <10 Medium strength 40-75 Very low strength 10-20 High strength 75-150 Low strength 20-40 Very high strength 150-300 Extremely high strength >300	▽ Groundwater Level ▮ Dissipation Test
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220628-ADVANCED REPORT INSTITUTE 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:00 10.03.00.09 Datag Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0207-07-10 Proj: In Situ SI 2.02.0 2017-07-10



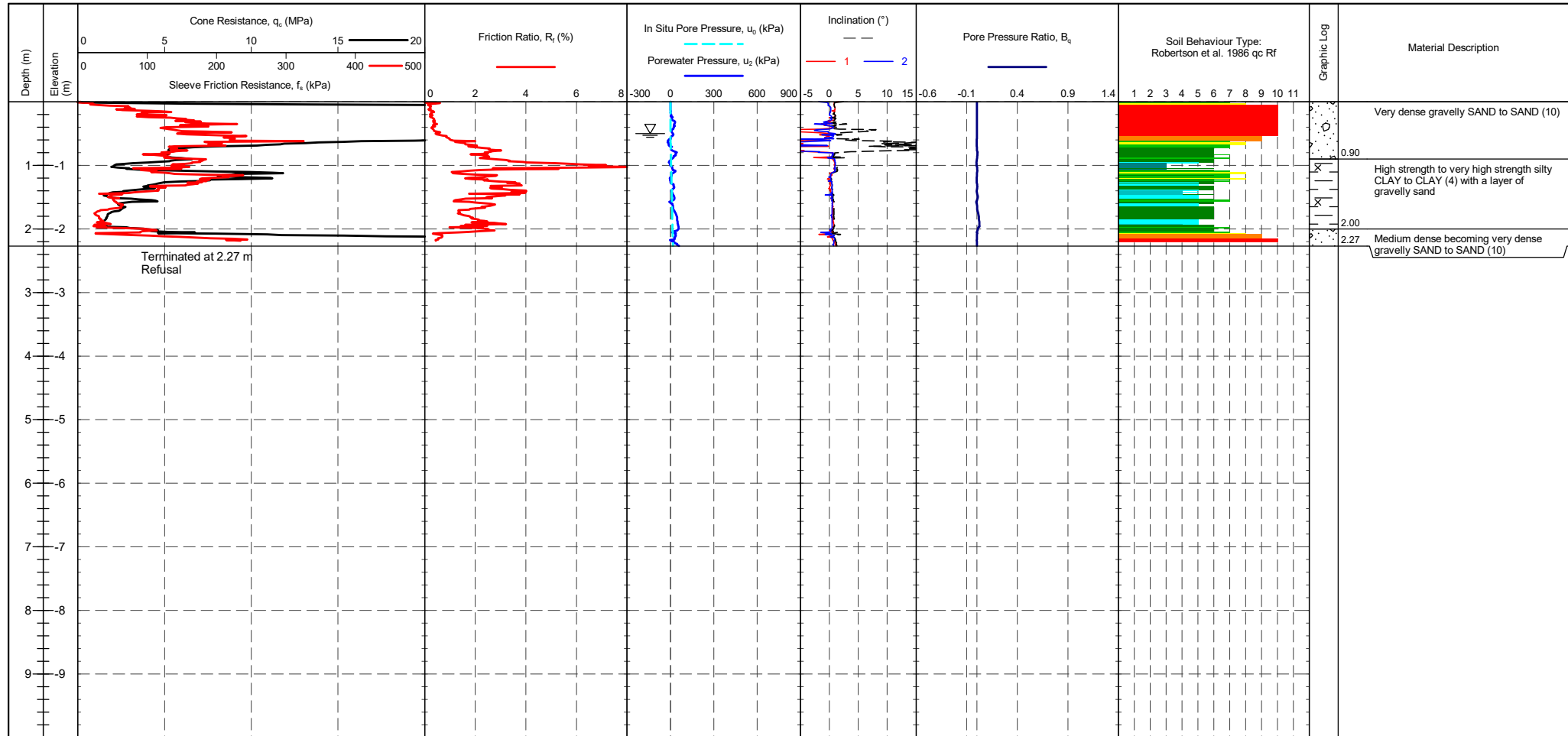
METHOD: Robertson et al. 1986 q_c R_f

- 1 - Sensitive fine grained material
- 4 - Silty CLAY to CLAY
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- 9 - SAND
- 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	Terra Firma (South) Canford Canford Energy Park Robertson et al. 1986 q _c vs. R _f - CPT03	CHECKED	DATE
	SCALE	Not To Scale	
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PointID	CPT04
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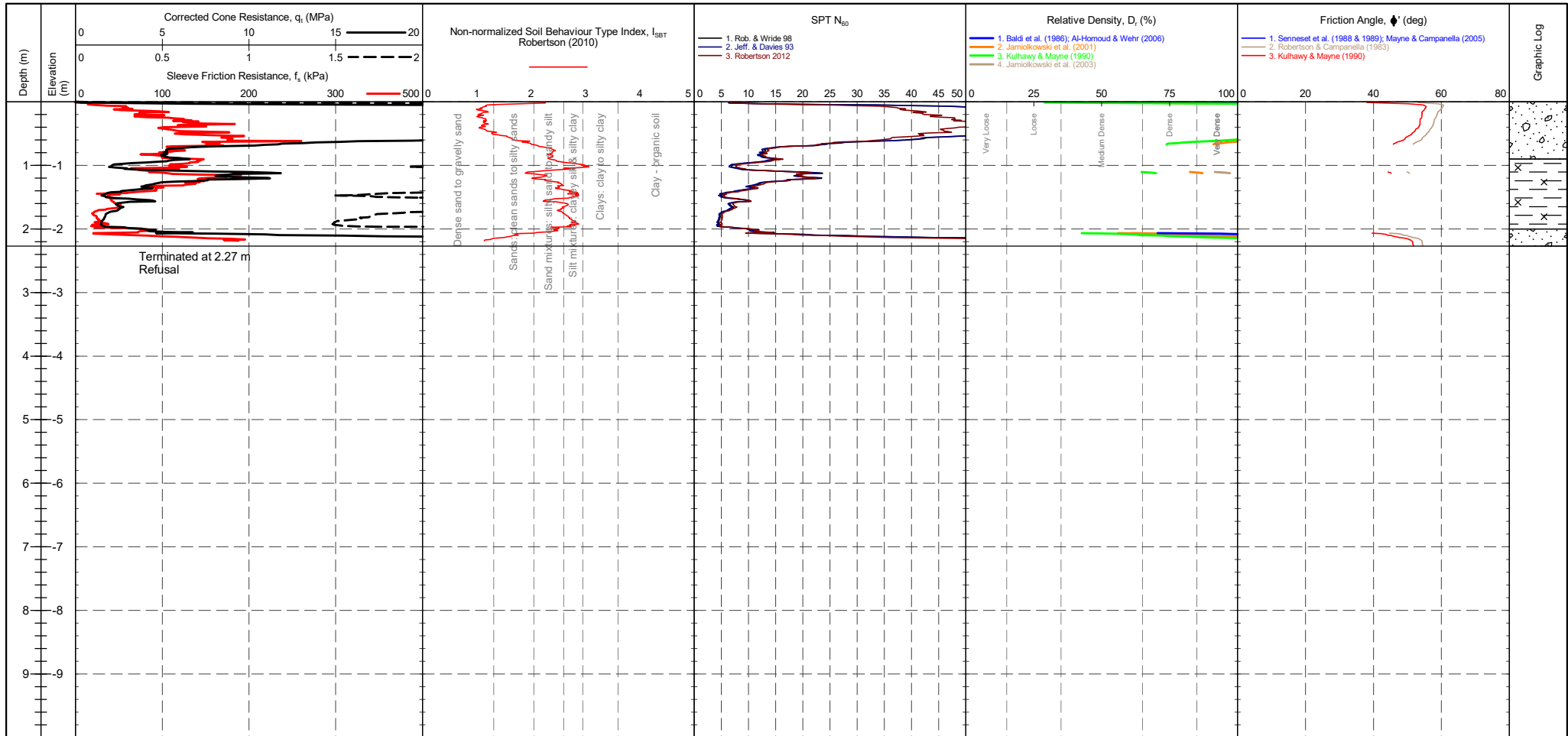
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer : Pre Post Difference Tip : 262 mV 266 mV 0.046 MPa Sleeve : 255 mV 257 mV 0.001 kPa Pore Pressure 2 : 280 mV 262 mV -0.005 kPa X-Y Inclinator : 2685 mV 2616 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravelly SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID
CPT04

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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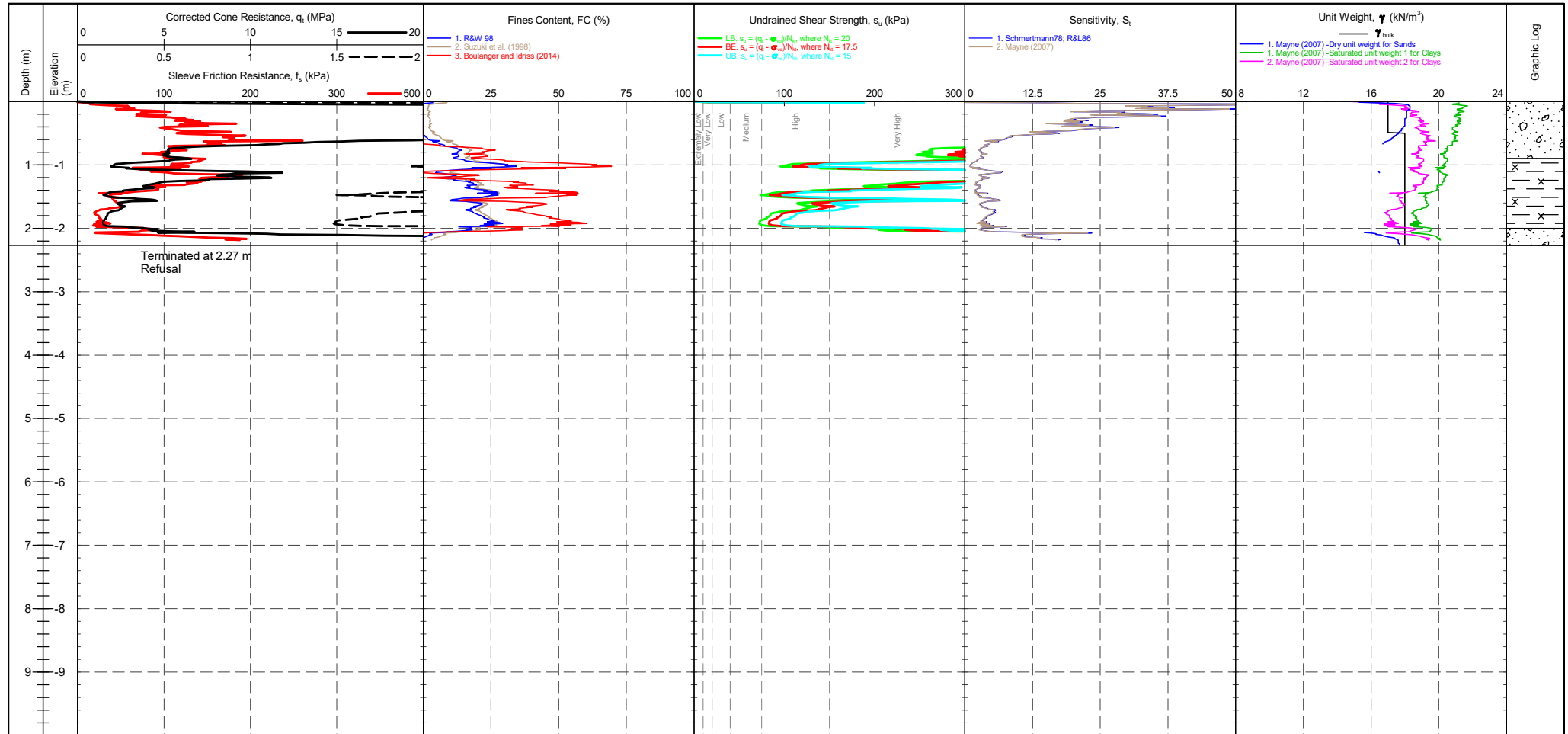


CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>262 mV</td> <td>266 mV</td> <td>0.046 MPa</td> </tr> <tr> <td>Sleeve</td> <td>255 mV</td> <td>257 mV</td> <td>0.001 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>280 mV</td> <td>262 mV</td> <td>-0.005 kPa</td> </tr> <tr> <td>X-Y Inclinator</td> <td>2685 mV</td> <td>2616 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	262 mV	266 mV	0.046 MPa	Sleeve	255 mV	257 mV	0.001 kPa	Pore Pressure 2	280 mV	262 mV	-0.005 kPa	X-Y Inclinator	2685 mV	2616 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density D_r (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I _c	Description	SPT N value, NSPT	Description	Relative Density D _r (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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PointID

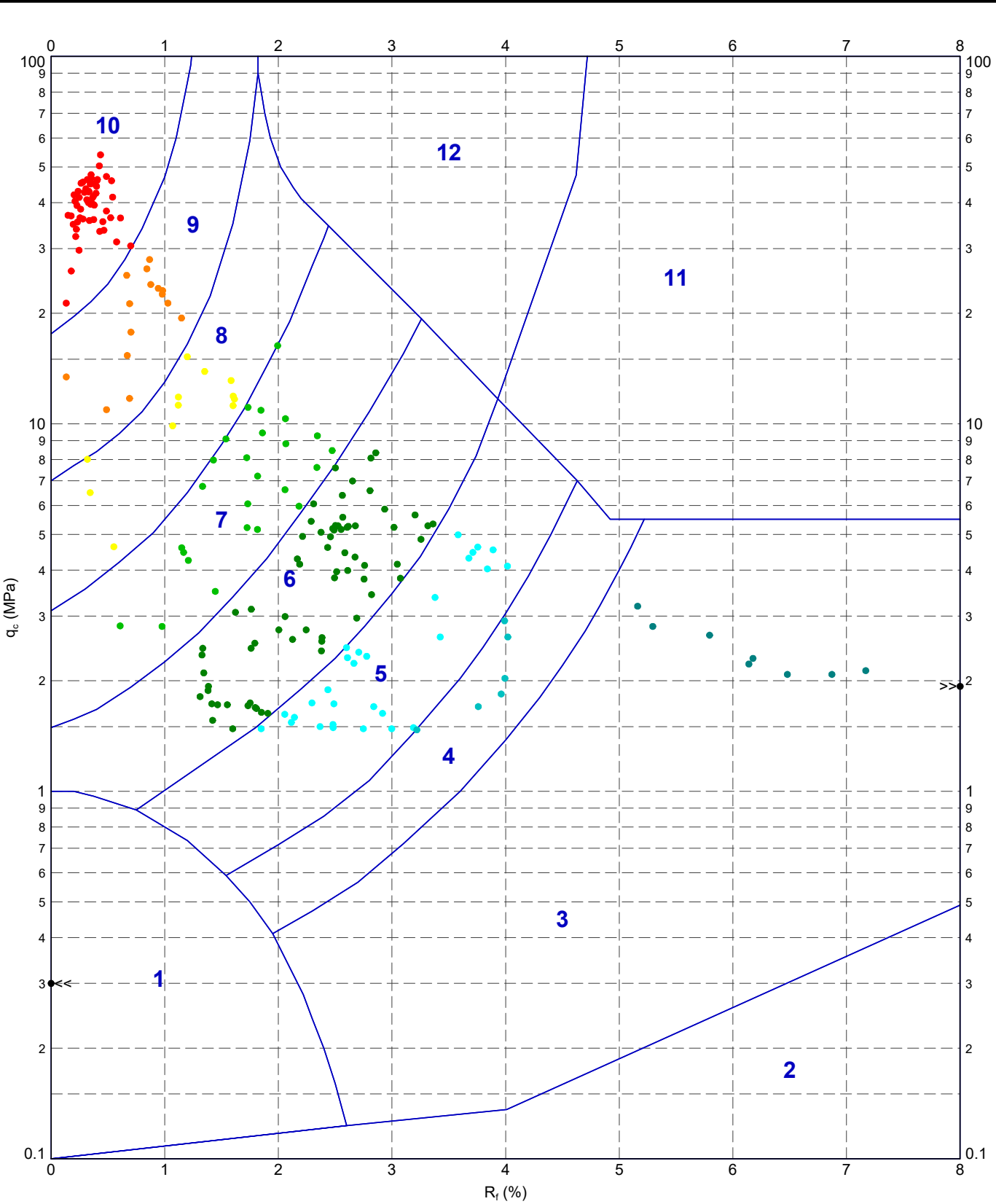
CPT04

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	Transducer Tip: 262 mV Sleeve: 255 mV Pore Pressure 2: 280 mV X-Y Inclinator: 2685 mV	CPTU ZERO VALUES Post: 266 mV Difference: 0.046 MPa 257 mV 0.001 kPa 262 mV -0.005 kPa 2616 mV	COHESIVE SOILS (Clays & Silts) Robertson et al. 1986 Zones 1-6 and Zone 11 <table border="1"> <tr> <th>Term based on measurement</th> <th>su (kPa)</th> <th>Term based on measurement</th> <th>su (kPa)</th> </tr> <tr> <td>Extremely low strength</td> <td><10</td> <td>Medium strength</td> <td>40-75</td> </tr> <tr> <td>Very low strength</td> <td>10-20</td> <td>High strength</td> <td>75-150</td> </tr> <tr> <td>Low strength</td> <td>20-40</td> <td>Very high strength</td> <td>150-300</td> </tr> <tr> <td></td> <td></td> <td>Extremely high strength</td> <td>>300</td> </tr> </table>	Term based on measurement	su (kPa)	Term based on measurement	su (kPa)	Extremely low strength	<10	Medium strength	40-75	Very low strength	10-20	High strength	75-150	Low strength	20-40	Very high strength	150-300			Extremely high strength	>300	▽ Groundwater Level ▮ Dissipation Test
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220628-ADVANCED REPORT INSTITUTE 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:01 10.03.00.09 Datag Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0.2017-07-10 Proj: In Situ SI 2.02.0.2017-07-10



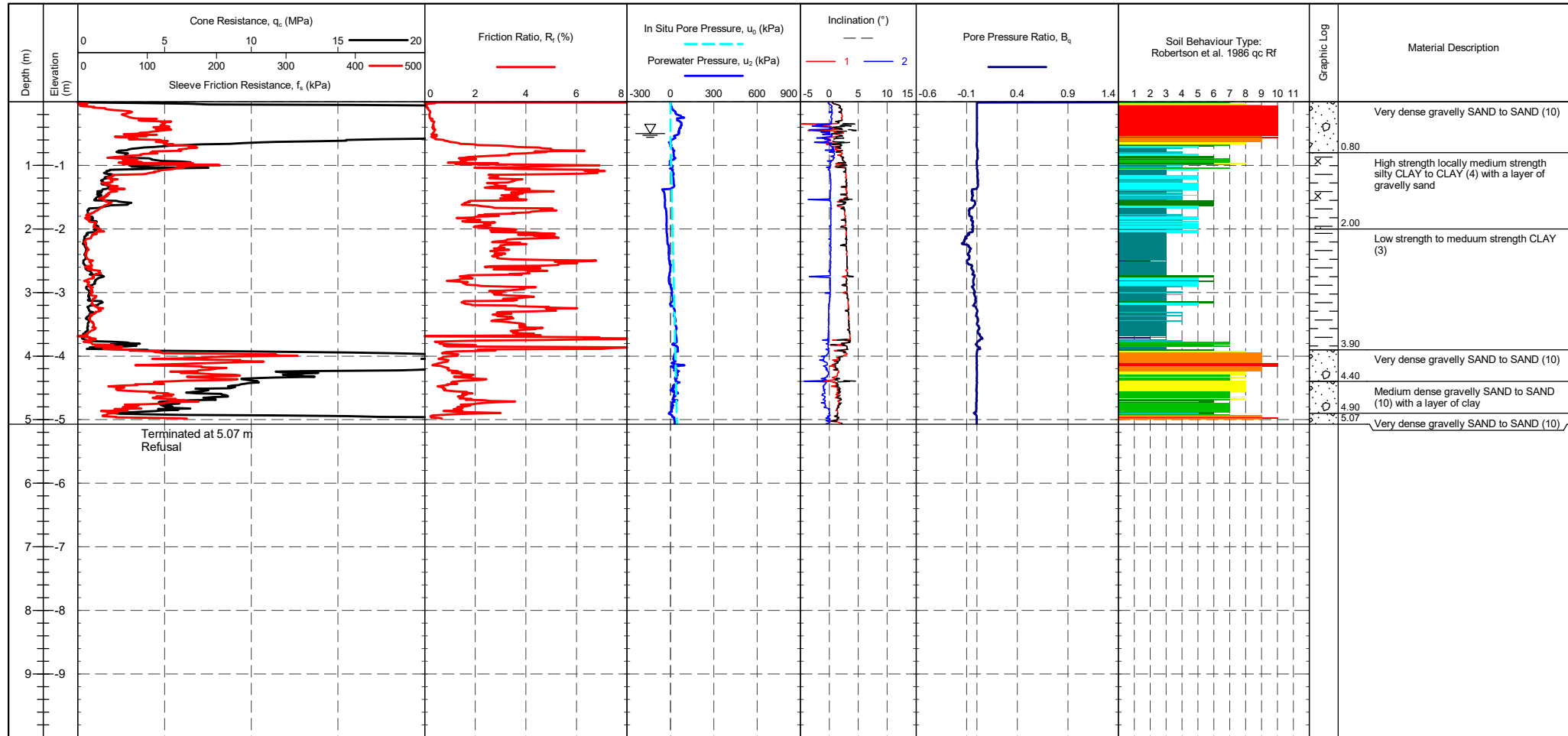
METHOD: Robertson et al. 1986 qc Rf

- 1 - Sensitive fine grained material
- 4 - Silty CLAY to CLAY
- 7 - Silty SAND to sandy SILT
- 10 - Gravelly SAND to SAND
- 2 - Organic material
- 5 - Clayey SILT to silty CLAY
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- 11 - Very stiff fine grained
- 3 - CLAY
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- 9 - SAND
- 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	TerraFirma (South) Canford Canford Energy Park Robertson et al. 1986 qc vs. Rf - CPT04		12/07/2022
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PointID	CPT05
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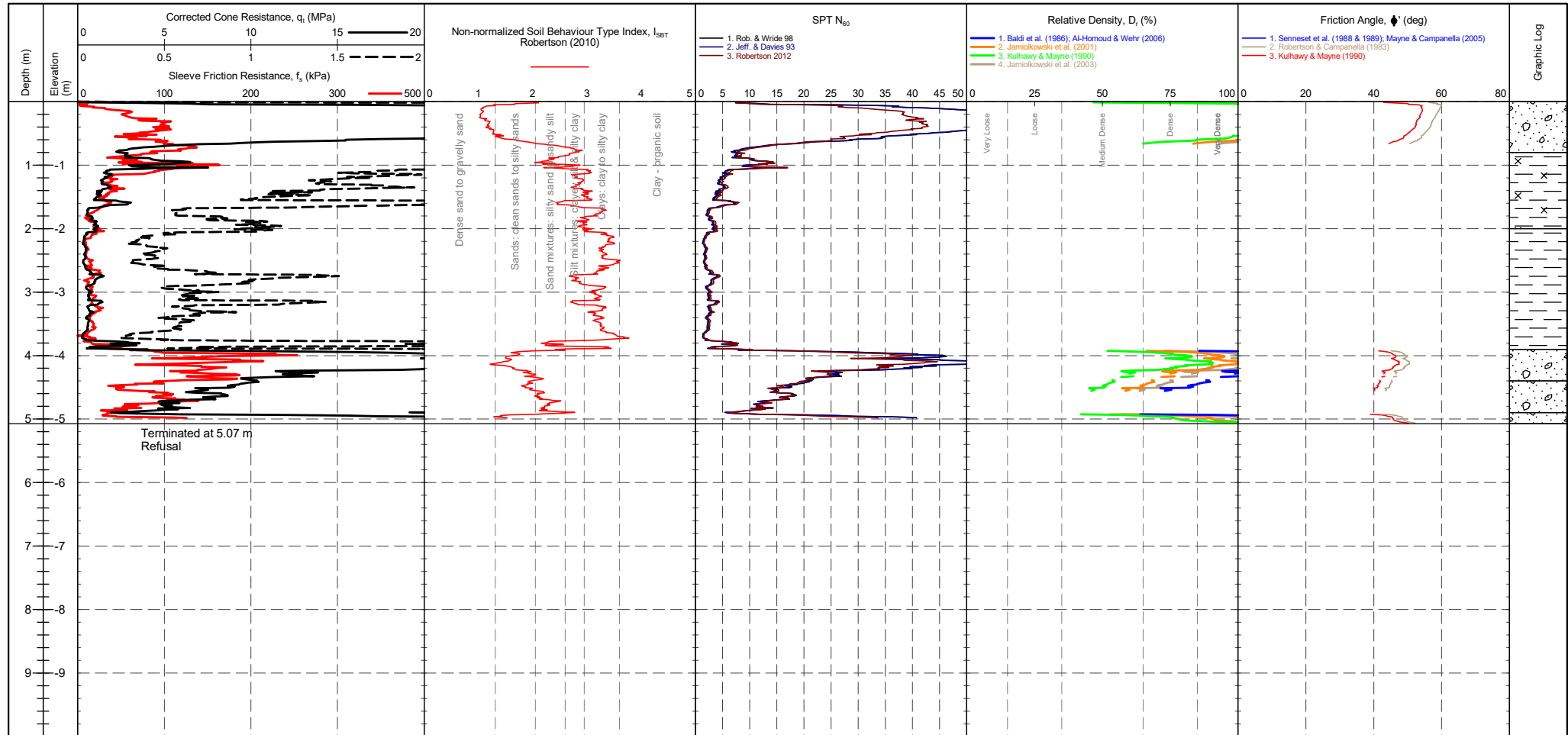
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer : Pre Post Difference Tip : 264 mV 260 mV -0.046 MPa Sleeve : 257 mV 256 mV -0.001 kPa Pore Pressure 2 : 262 mV 295 mV 0.009 kPa X-Y Inclinator : 2489 mV 2594 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravely SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID
CPT05

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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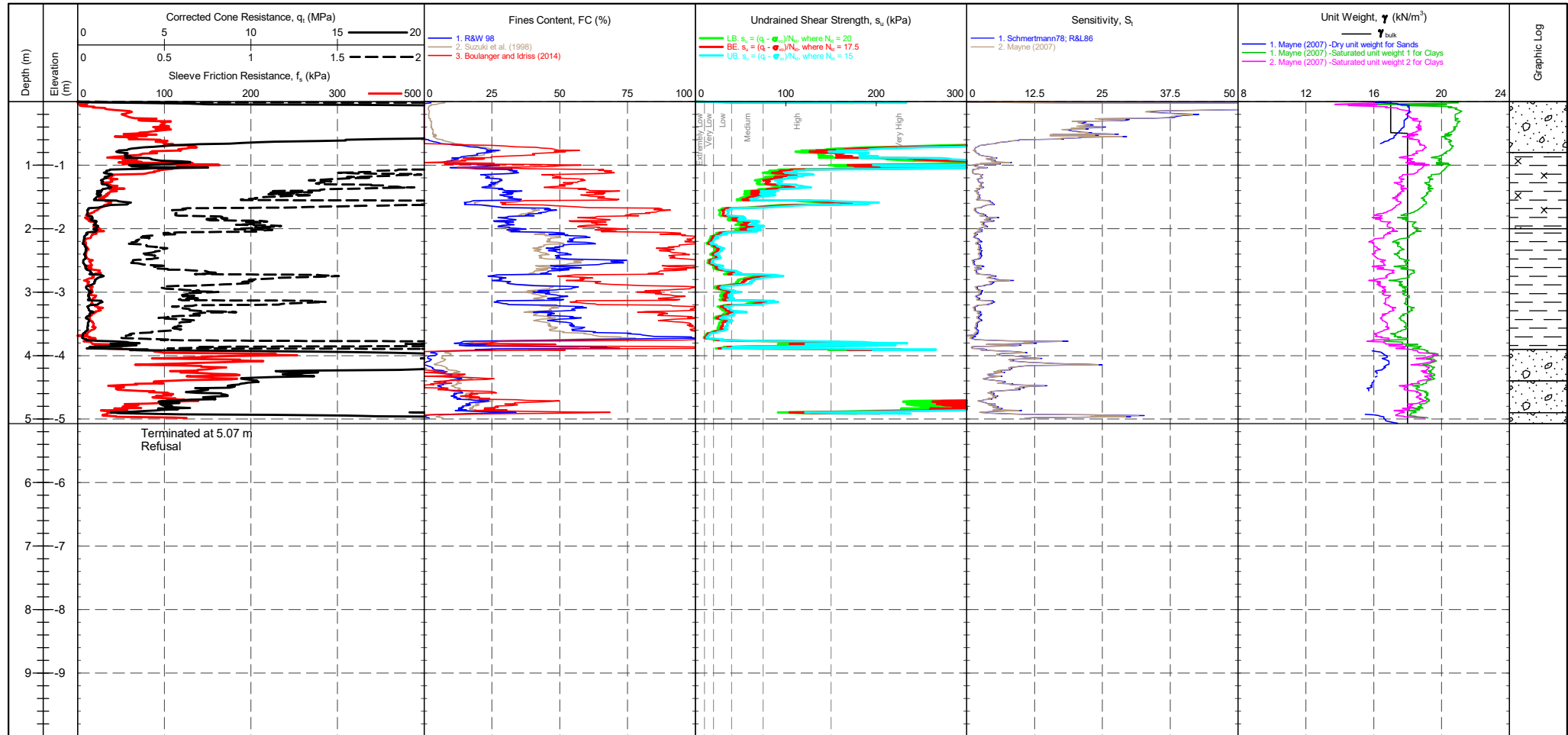


CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr><th>Transducer</th><th>Pre</th><th>Post</th><th>Difference</th></tr> <tr><td>Tip</td><td>264 mV</td><td>260 mV</td><td>-0.046 MPa</td></tr> <tr><td>Sleeve</td><td>257 mV</td><td>256 mV</td><td>-0.001 kPa</td></tr> <tr><td>Pore Pressure 2</td><td>262 mV</td><td>295 mV</td><td>0.009 kPa</td></tr> <tr><td>X-Y inclinometer</td><td>2489 mV</td><td>2594 mV</td><td></td></tr> </table>	Transducer	Pre	Post	Difference	Tip	264 mV	260 mV	-0.046 MPa	Sleeve	257 mV	256 mV	-0.001 kPa	Pore Pressure 2	262 mV	295 mV	0.009 kPa	X-Y inclinometer	2489 mV	2594 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density D_r (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I _c	Description	SPT N value, NSPT	Description	Relative Density D _r (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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PointID

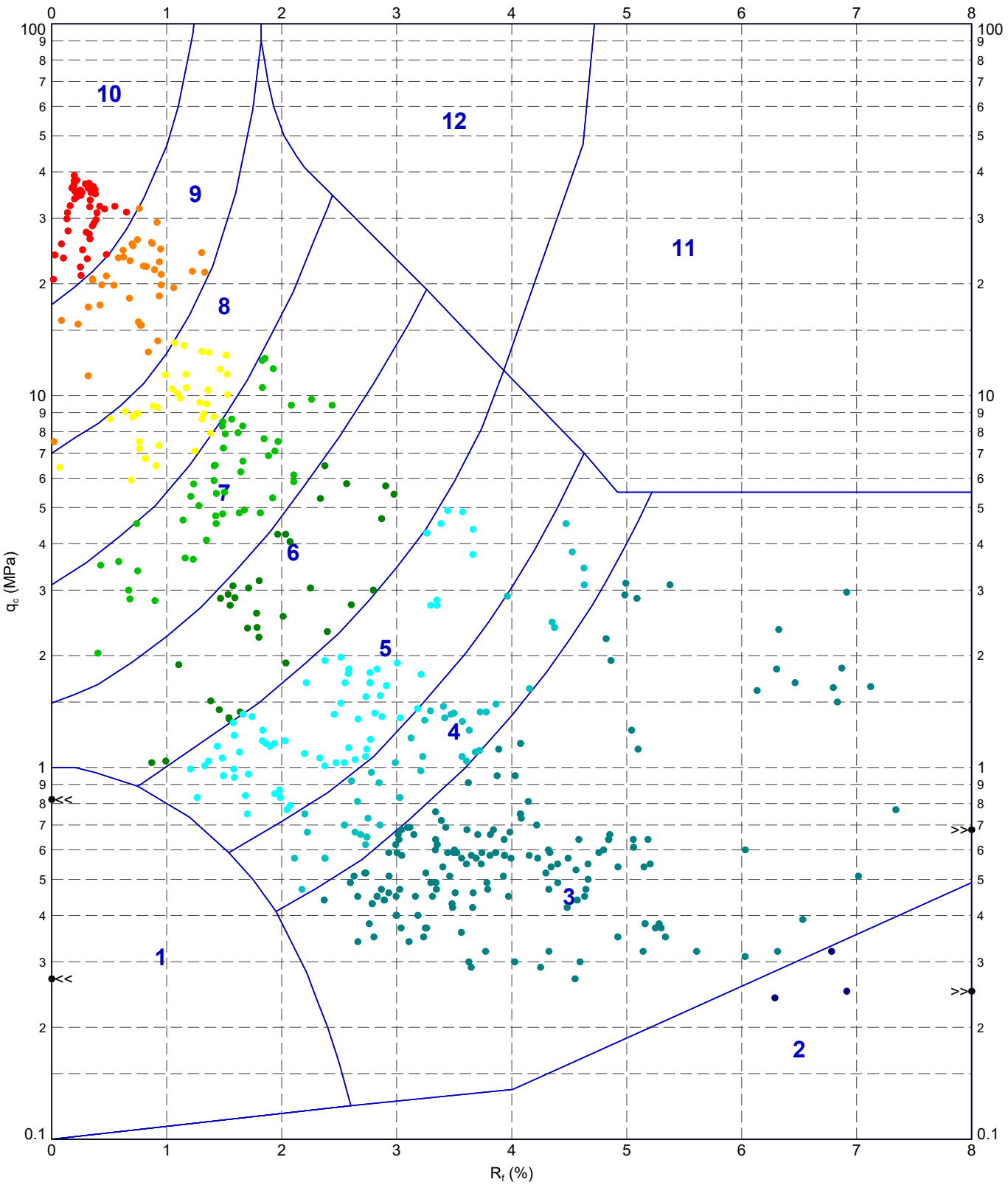
CPT05

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	Transducer Tip: 264 mV Sleeve: 257 mV Pore Pressure 2: 262 mV X-Y Inclinator: 2489 mV	CPTU ZERO VALUES Post: 260 mV Difference: -0.046 MPa 256 mV -0.001 kPa 295 mV 0.009 kPa 2594 mV	COHESIVE SOILS (Clays & Silts) Robertson et al. 1986 Zones 1-6 and Zone 11 Term based on measurement su (kPa) Extremely low strength <10 Very low strength 10-20 Low strength 20-40	Term based on measurement su (kPa) Medium strength 40-75 High strength 75-150 Very high strength 150-300 Extremely high strength >300	Groundwater Level Dissipation Test
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220628-ADVANCED REPORT INSTIUSI 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:02 10.03.00.09 Datag Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0207-07-10 Proj: In Situ SI 2.02.0 2007-07-10



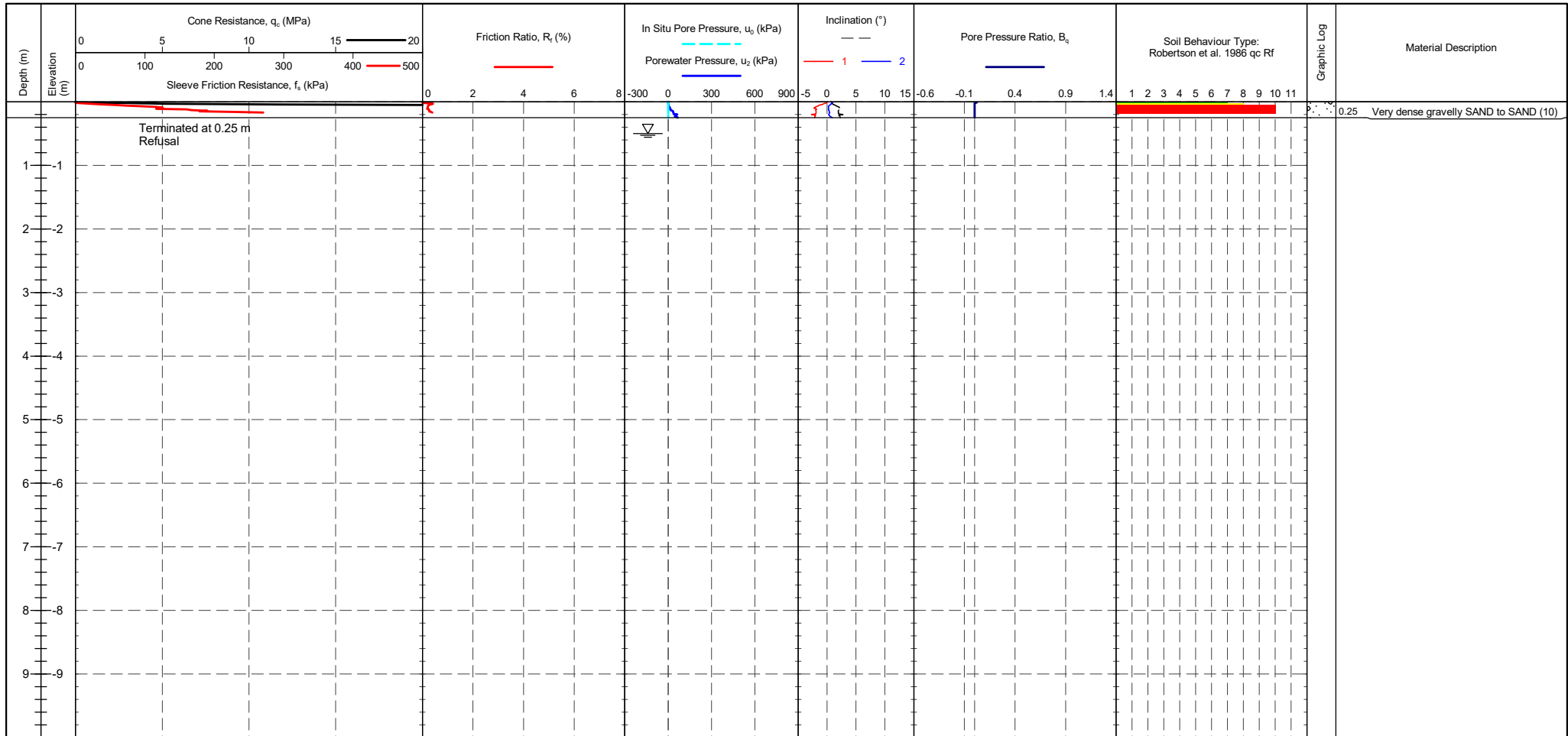
METHOD: Robertson et al. 1986 qc Rf

- 1 - Sensitive fine grained material
- 4 - Silty CLAY to CLAY
- 7 - Silty SAND to sandy SILT
- 10 - Gravelly SAND to SAND
- 2 - Organic material
- 5 - Clayey SILT to silty CLAY
- 8 - SAND to silty SAND
- 11 - Very stiff fine grained
- 3 - CLAY
- 6 - Sandy SILT to clayey SILT
- 9 - SAND
- 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	Terra Firma (South) Canford Canford Energy Park Robertson et al. 1986 qc vs. Rf - CPT05	CHECKED	DATE
	SCALE	Not To Scale	
	PROJECT No 1220328	FIGURE No A4	

PointID
CPT06

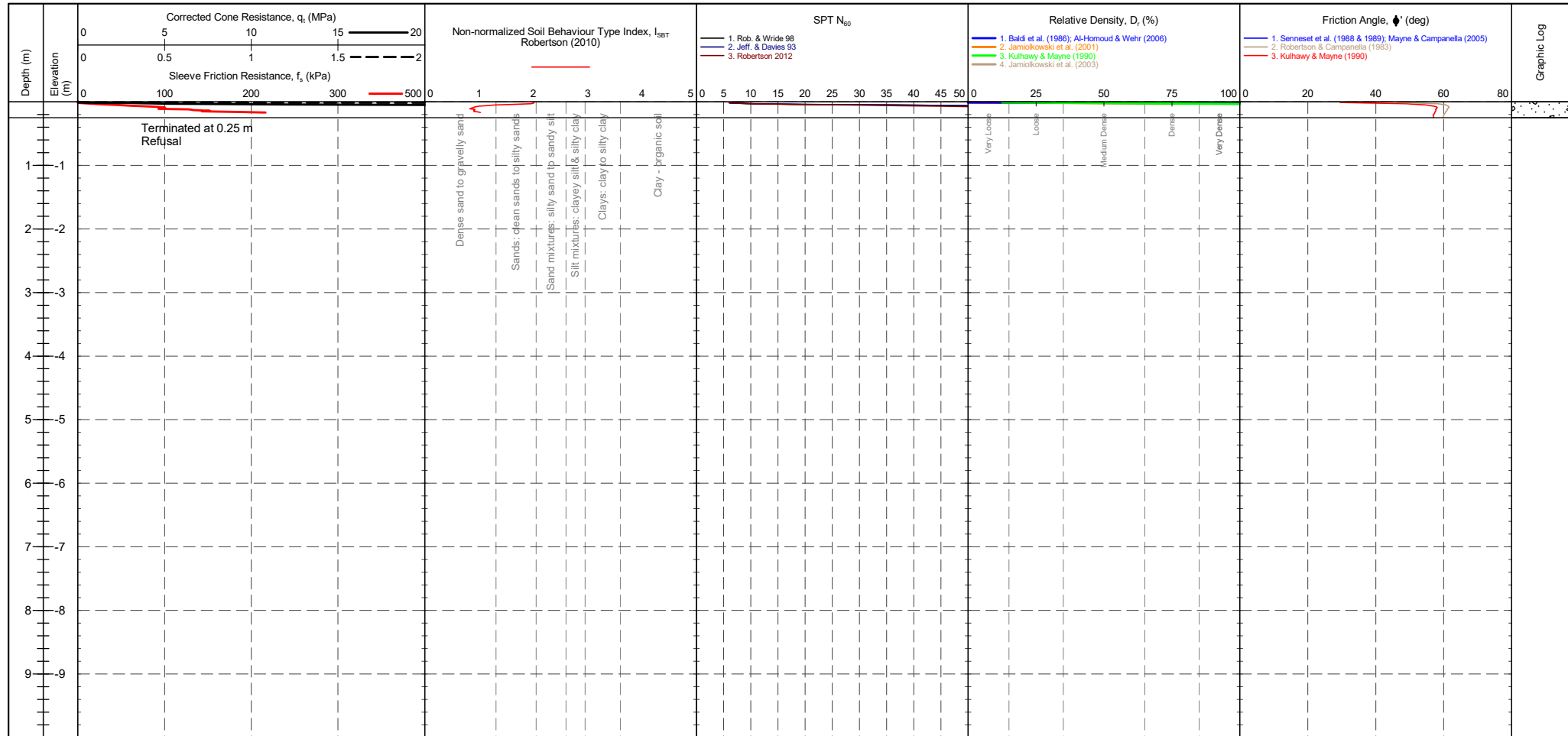
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Pre Post Difference Tip 262 mV 267 mV 0.058 MPa Sleeve 255 mV 256 mV 0.001 kPa Pore Pressure 2 241 mV 247 mV 0.002 kPa X-Y Inclinometer 2511 mV 2519 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravely SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID	CPT06
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CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>262 mV</td> <td>267 mV</td> <td>0.058 MPa</td> </tr> <tr> <td>Sleeve</td> <td>255 mV</td> <td>256 mV</td> <td>0.001 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>241 mV</td> <td>247 mV</td> <td>0.002 kPa</td> </tr> <tr> <td>X-Y Inclinator</td> <td>2511 mV</td> <td>2519 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	262 mV	267 mV	0.058 MPa	Sleeve	255 mV	256 mV	0.001 kPa	Pore Pressure 2	241 mV	247 mV	0.002 kPa	X-Y Inclinator	2511 mV	2519 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density Dr (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I _c	Description	SPT N value, NSPT	Description	Relative Density Dr (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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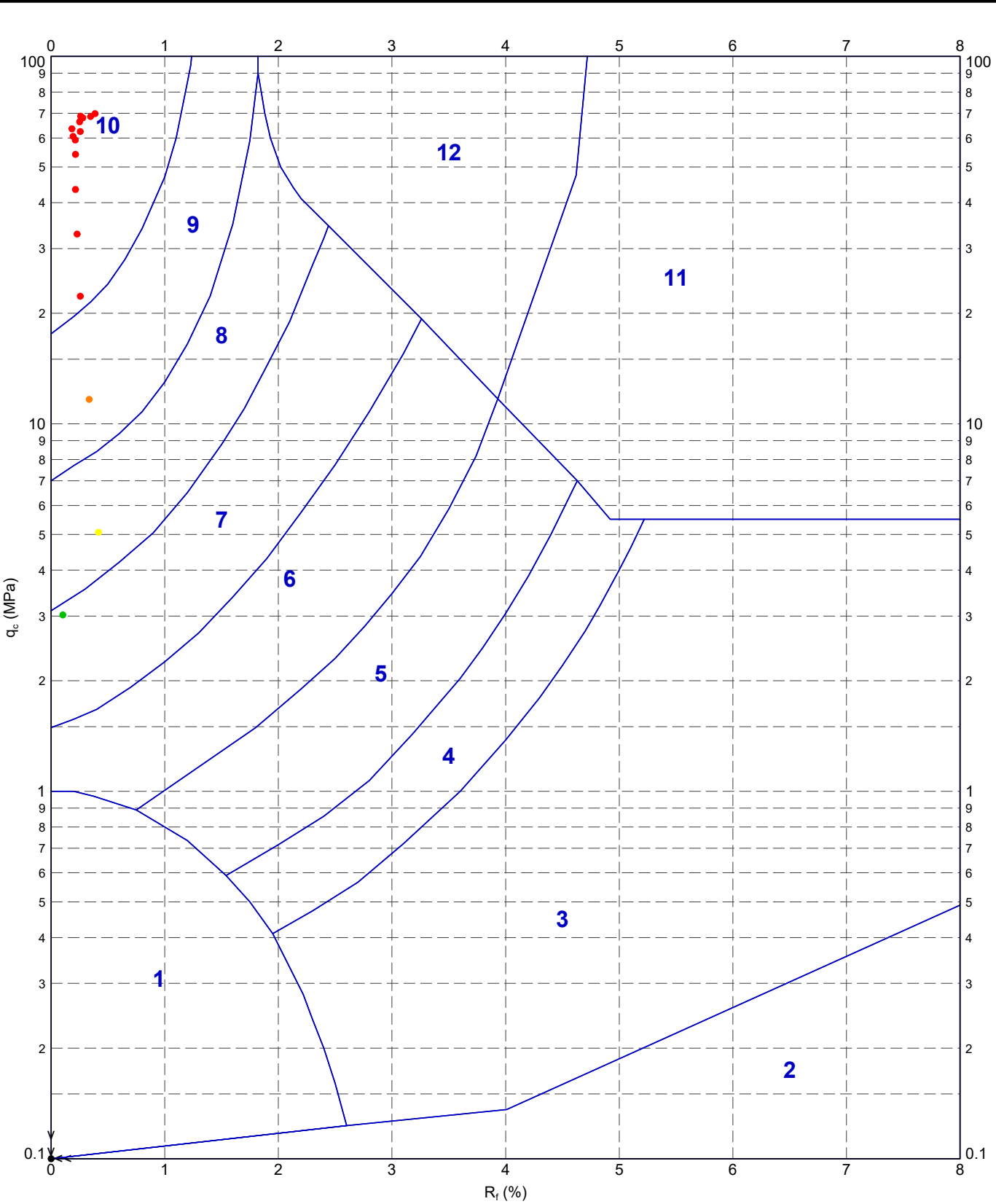
PointID
CPT06

CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 1 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr><th>Transducer</th><th>Pre</th><th>Post</th><th>Difference</th></tr> <tr><td>Tip</td><td>262 mV</td><td>267 mV</td><td>0.058 MPa</td></tr> <tr><td>Sleeve</td><td>255 mV</td><td>256 mV</td><td>0.001 kPa</td></tr> <tr><td>Pore Pressure 2</td><td>241 mV</td><td>247 mV</td><td>0.002 kPa</td></tr> <tr><td>X-Y Inclinator</td><td>2511 mV</td><td>2519 mV</td><td></td></tr> </table>	Transducer	Pre	Post	Difference	Tip	262 mV	267 mV	0.058 MPa	Sleeve	255 mV	256 mV	0.001 kPa	Pore Pressure 2	241 mV	247 mV	0.002 kPa	X-Y Inclinator	2511 mV	2519 mV		COHESIVE SOILS (Clays & Silts) Robertson et al. 1986 Zones 1-6 and Zone 11 <table border="1"> <tr><th>Term based on measurement</th><th>su (kPa)</th><th>Term based on measurement</th><th>su (kPa)</th></tr> <tr><td>Extremely low strength</td><td><10</td><td>Medium strength</td><td>40-75</td></tr> <tr><td>Very low strength</td><td>10-20</td><td>High strength</td><td>75-150</td></tr> <tr><td>Low strength</td><td>20-40</td><td>Very high strength</td><td>150-300</td></tr> <tr><td></td><td></td><td>Extremely high strength</td><td>>300</td></tr> </table>	Term based on measurement	su (kPa)	Term based on measurement	su (kPa)	Extremely low strength	<10	Medium strength	40-75	Very low strength	10-20	High strength	75-150	Low strength	20-40	Very high strength	150-300			Extremely high strength	>300	Groundwater Level Dissipation Test
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220628-ADVANCED REPORT INSTITUTE 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:03 10.03.00.09 Datagel Lab and In Situ Tool - DGD [Lib: In Situ SI 2.02.0 2017-07-10 Proj: In Situ SI 2.02.0 2017-07-10



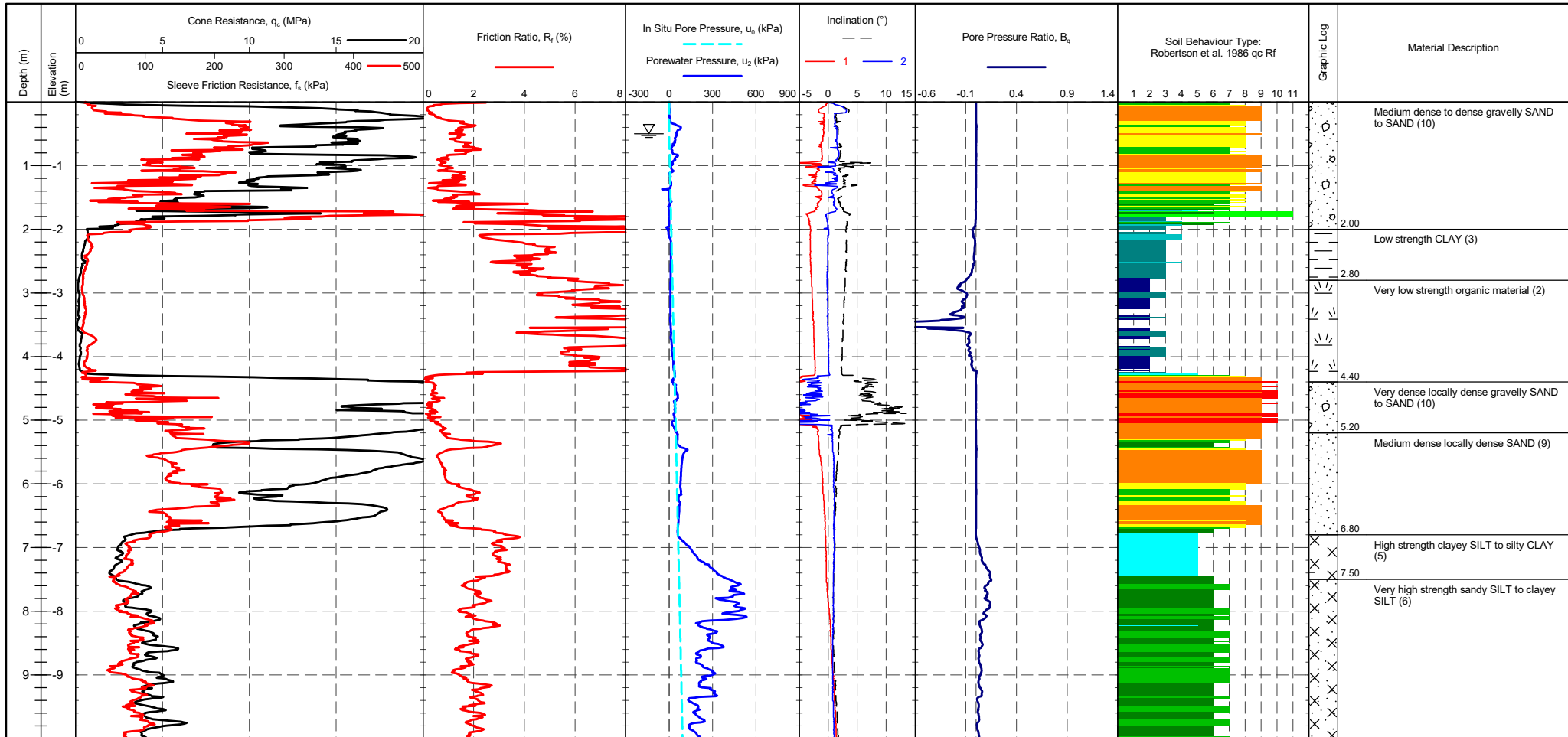
METHOD: Robertson et al. 1986 q_c R_f

- 1 - Sensitive fine grained material
- 4 - Silty CLAY to CLAY
- 7 - Silty SAND to sandy SILT
- 10 - Gravelly SAND to SAND
- 2 - Organic material
- 5 - Clayey SILT to silty CLAY
- 8 - SAND to silty SAND
- 11 - Very stiff fine grained
- 3 - CLAY
- 6 - Sandy SILT to clayey SILT
- 9 - SAND
- 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	TerraFirma (South) Canford Canford Energy Park Robertson et al. 1986 q_c vs. R_f - CPT06	CHECKED	DATE
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	PROJECT No 1220328	FIGURE No A4	

PointID	CPT07
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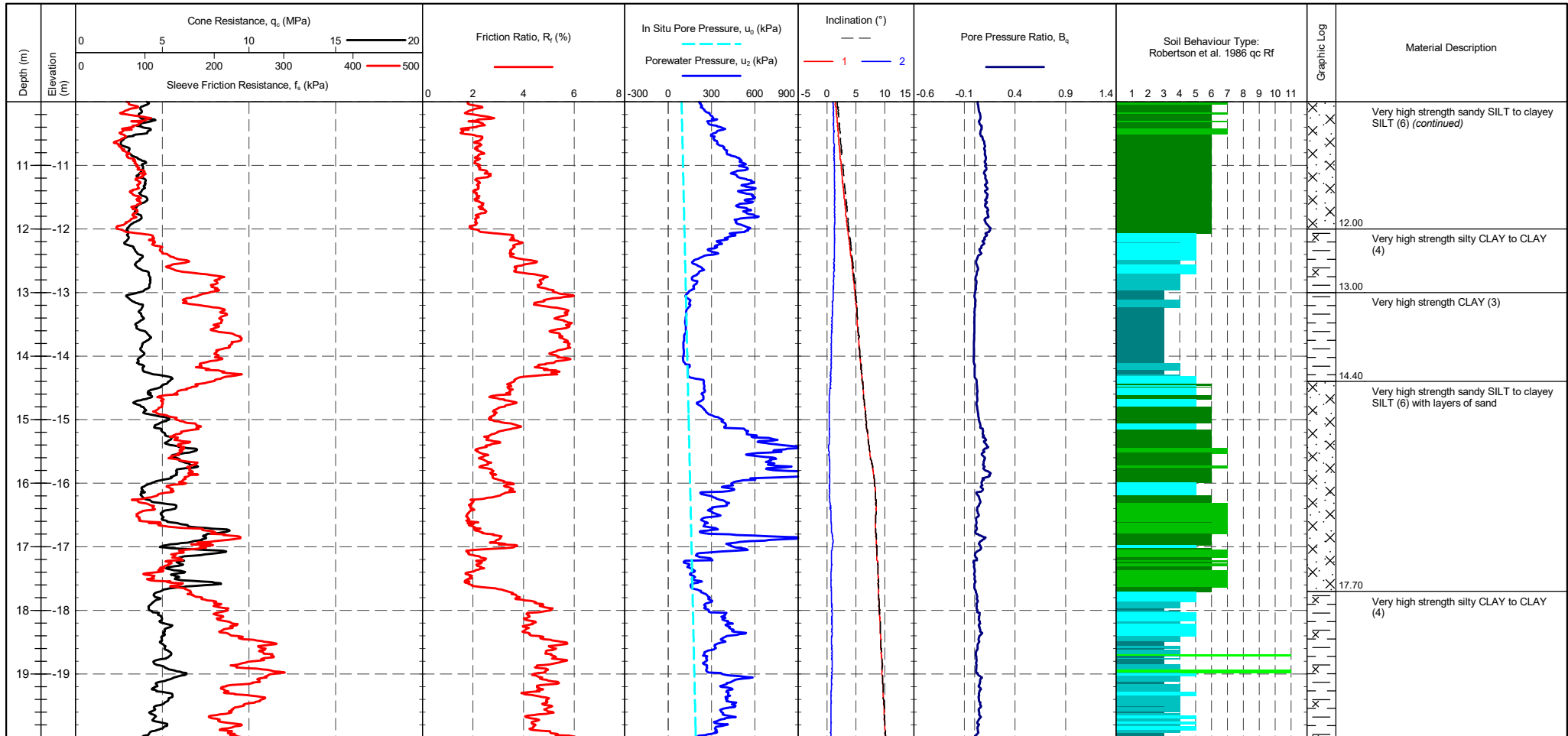
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 3 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer : Pre 260 mV, Post 258 mV, Difference -0.023 MPa Tip : 254 mV, 250 mV, -0.003 kPa Sleeve : 243 mV, 361 mV, 0.033 kPa Pore Pressure 2 : 2565 mV, 2516 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravelly SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID	CPT07
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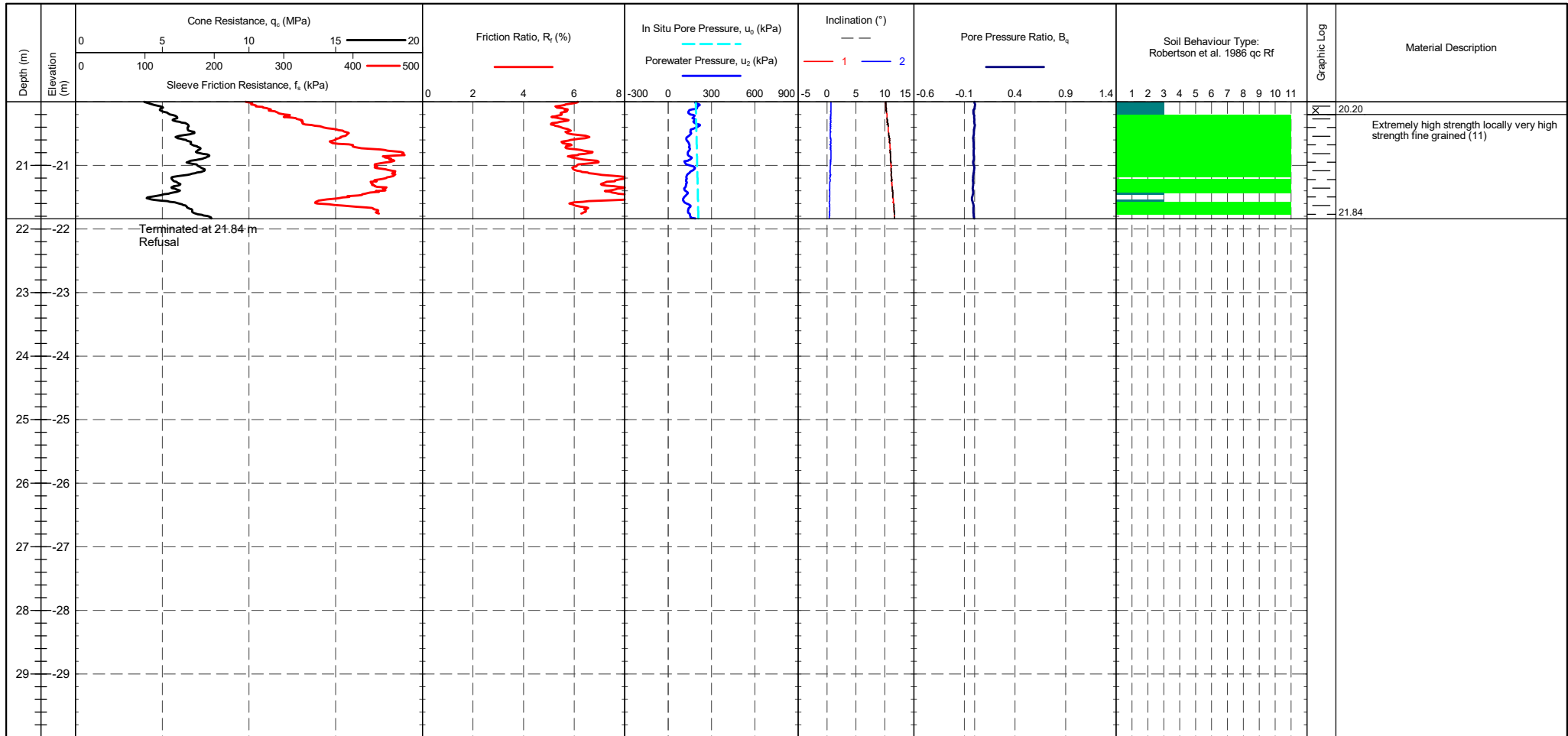
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 2 OF 3 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Tip : 260 mV / 258 mV / -0.023 MPa Sleeve : 254 mV / 250 mV / -0.003 kPa Pore Pressure 2 : 243 mV / 361 mV / 0.033 kPa X-Y Inclinator : 2565 mV / 2516 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravely SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID
CPT07

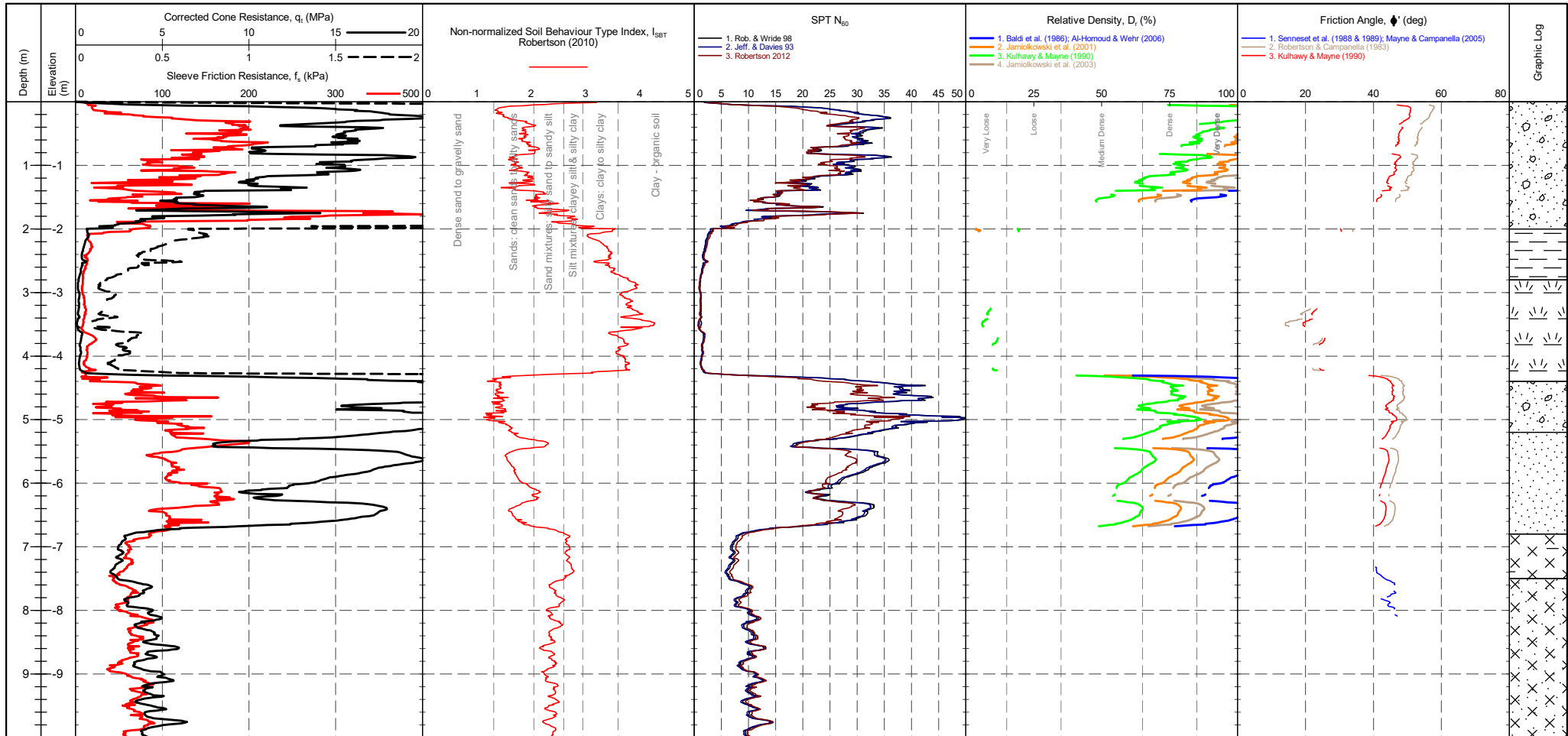
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 3 OF 3 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Pre Post Difference Tip 260 mV 258 mV -0.023 MPa Sleeve 254 mV 250 mV -0.003 kPa Pore Pressure 2 243 mV 361 mV 0.033 kPa X-Y Inclinator 2565 mV 2516 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravely SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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PointID	CPT07
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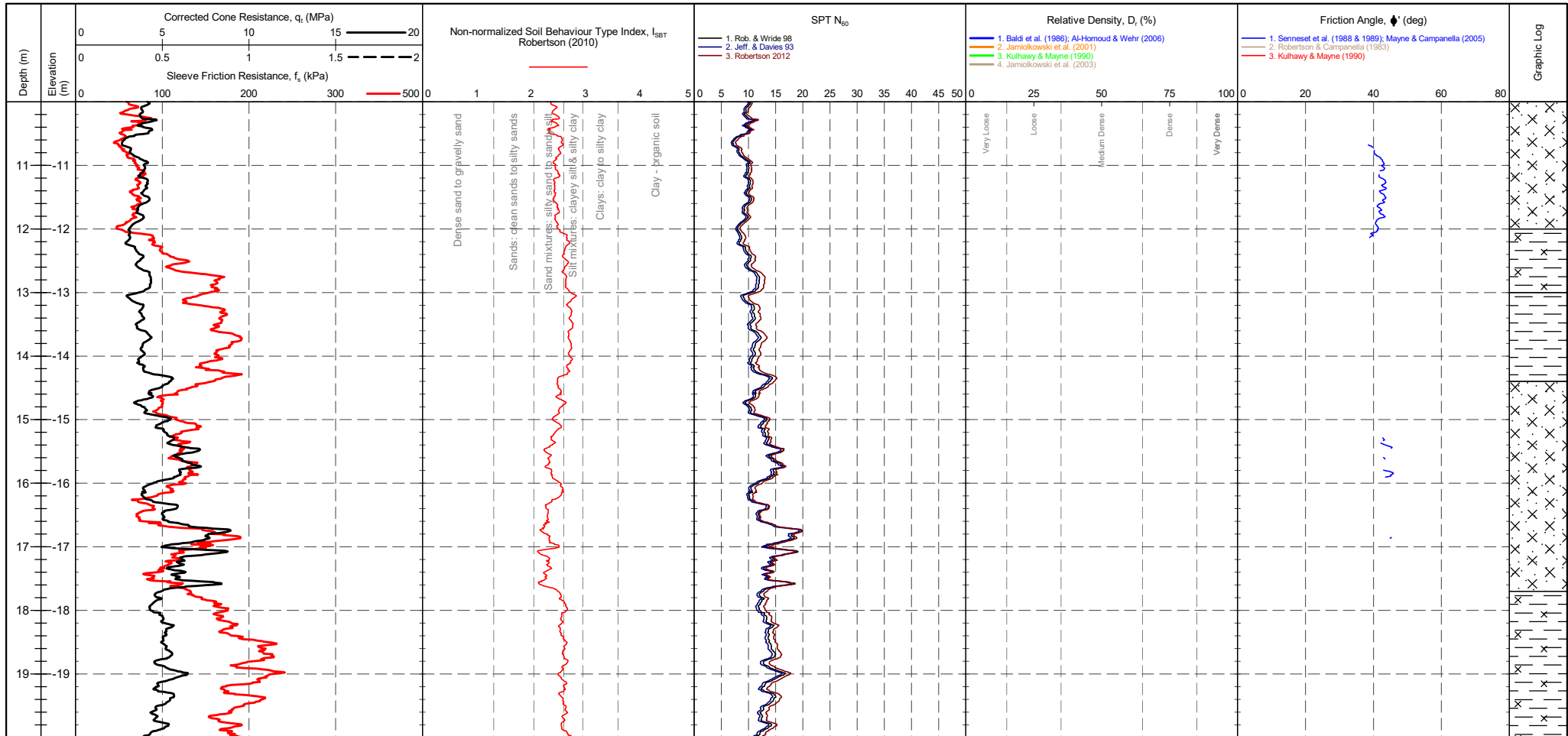
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on total pressure.	SHEET : 1 OF 3 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	Transducer Tip: 260 mV / 258 mV / -0.023 MPa Sleeve: 254 mV / 250 mV / -0.003 kPa Pore Pressure 2: 243 mV / 361 mV / 0.033 kPa X-Y Inclinator: 2565 mV / 2516 mV	CPTU ZERO VALUES Pre: 260 mV, Post: 258 mV, Difference: -0.023 MPa Pre: 254 mV, Post: 250 mV, Difference: -0.003 kPa Pre: 243 mV, Post: 361 mV, Difference: 0.033 kPa Pre: 2565 mV, Post: 2516 mV	GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density D_r (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I_c	Description	SPT N value, NSPT	Description	Relative Density D_r (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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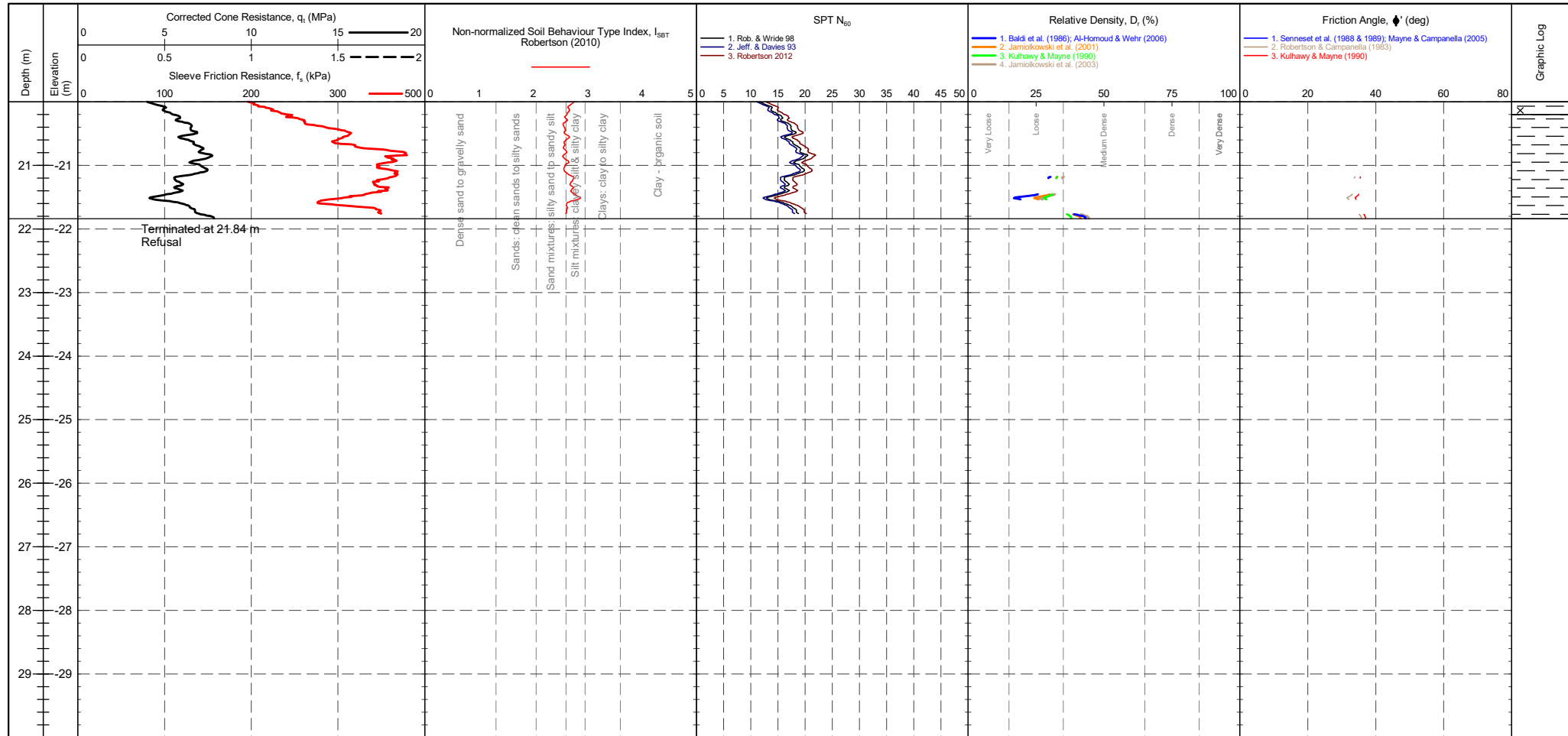
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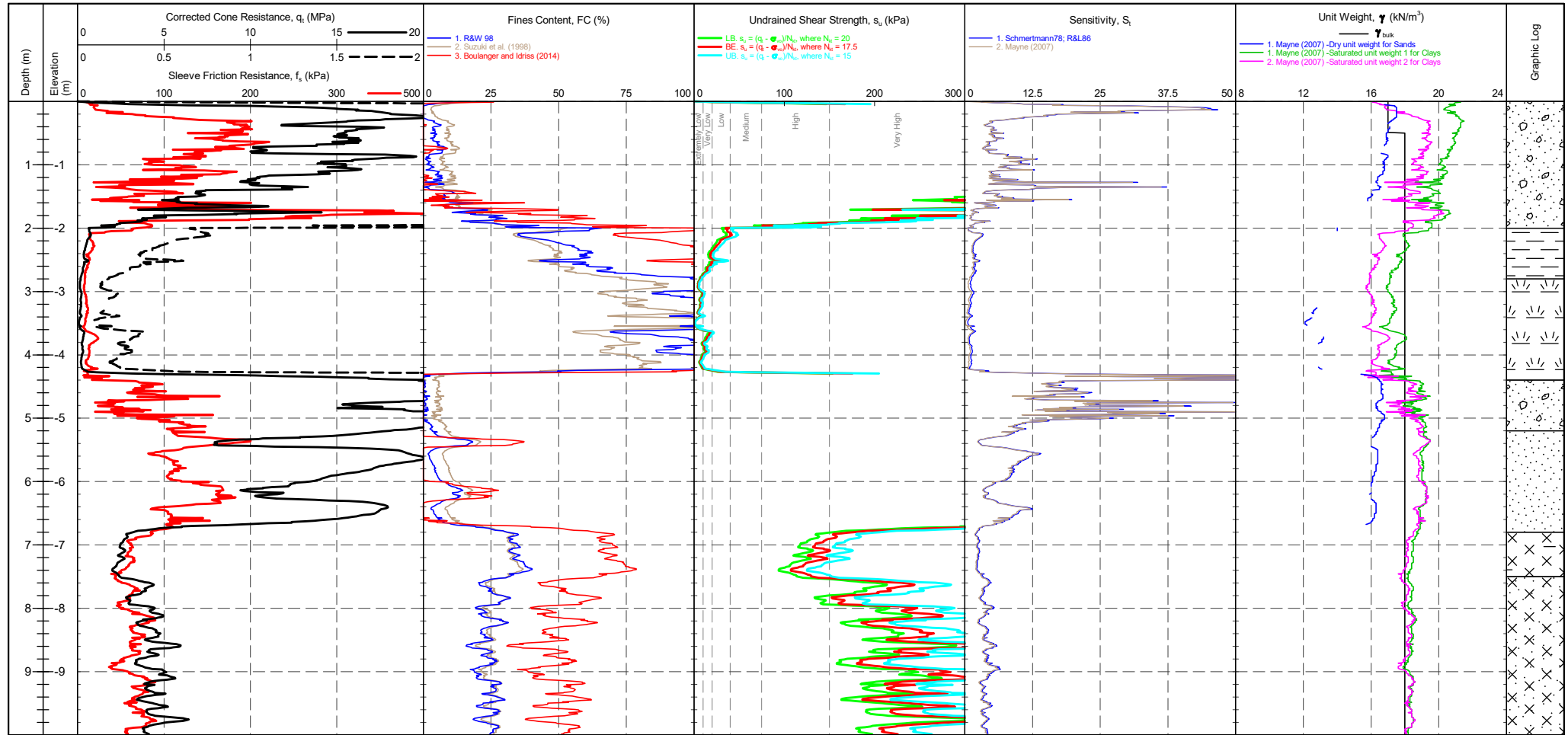


CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICITION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr><th>Transducer</th><th>Pre</th><th>Post</th><th>Difference</th></tr> <tr><td>Tip</td><td>260 mV</td><td>258 mV</td><td>-0.023 MPa</td></tr> <tr><td>Sleeve</td><td>254 mV</td><td>250 mV</td><td>-0.003 kPa</td></tr> <tr><td>Pore Pressure 2</td><td>243 mV</td><td>361 mV</td><td>0.033 kPa</td></tr> <tr><td>X-Y inclinometer</td><td>2565 mV</td><td>2516 mV</td><td></td></tr> </table>	Transducer	Pre	Post	Difference	Tip	260 mV	258 mV	-0.023 MPa	Sleeve	254 mV	250 mV	-0.003 kPa	Pore Pressure 2	243 mV	361 mV	0.033 kPa	X-Y inclinometer	2565 mV	2516 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density D_r (%)</th> </tr> </thead> <tbody> <tr><td>Clays</td><td>2.95-3.60</td><td>Very Loose</td><td>0 - 4</td><td>Very Loose</td><td>0 - 15</td></tr> <tr><td>Silt mixtures</td><td>2.60-2.95</td><td>Loose</td><td>4 - 10</td><td>Loose</td><td>15 - 35</td></tr> <tr><td>Sand mixtures</td><td>2.05-2.60</td><td>Medium Dense</td><td>10 - 30</td><td>Medium Dense</td><td>35 - 65</td></tr> <tr><td>Sands</td><td>1.31-2.05</td><td>Dense</td><td>30 - 50</td><td>Dense</td><td>65 - 85</td></tr> <tr><td>Gravelly sand</td><td><1.31</td><td>Very Dense</td><td>>50</td><td>Very Dense</td><td>>85</td></tr> </tbody> </table>	Description	SBT Index, I_c	Description	SPT N value, NSPT	Description	Relative Density D_r (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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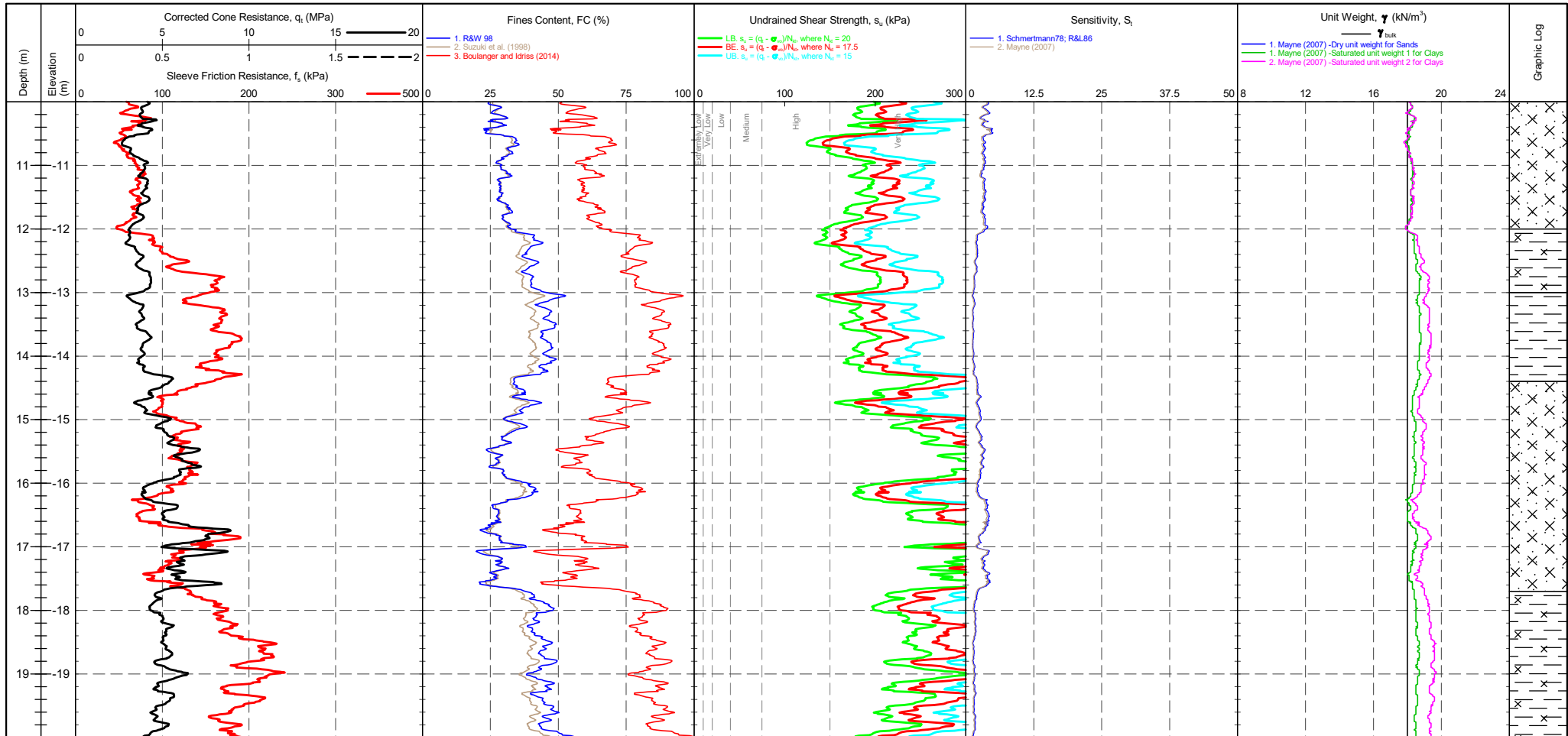


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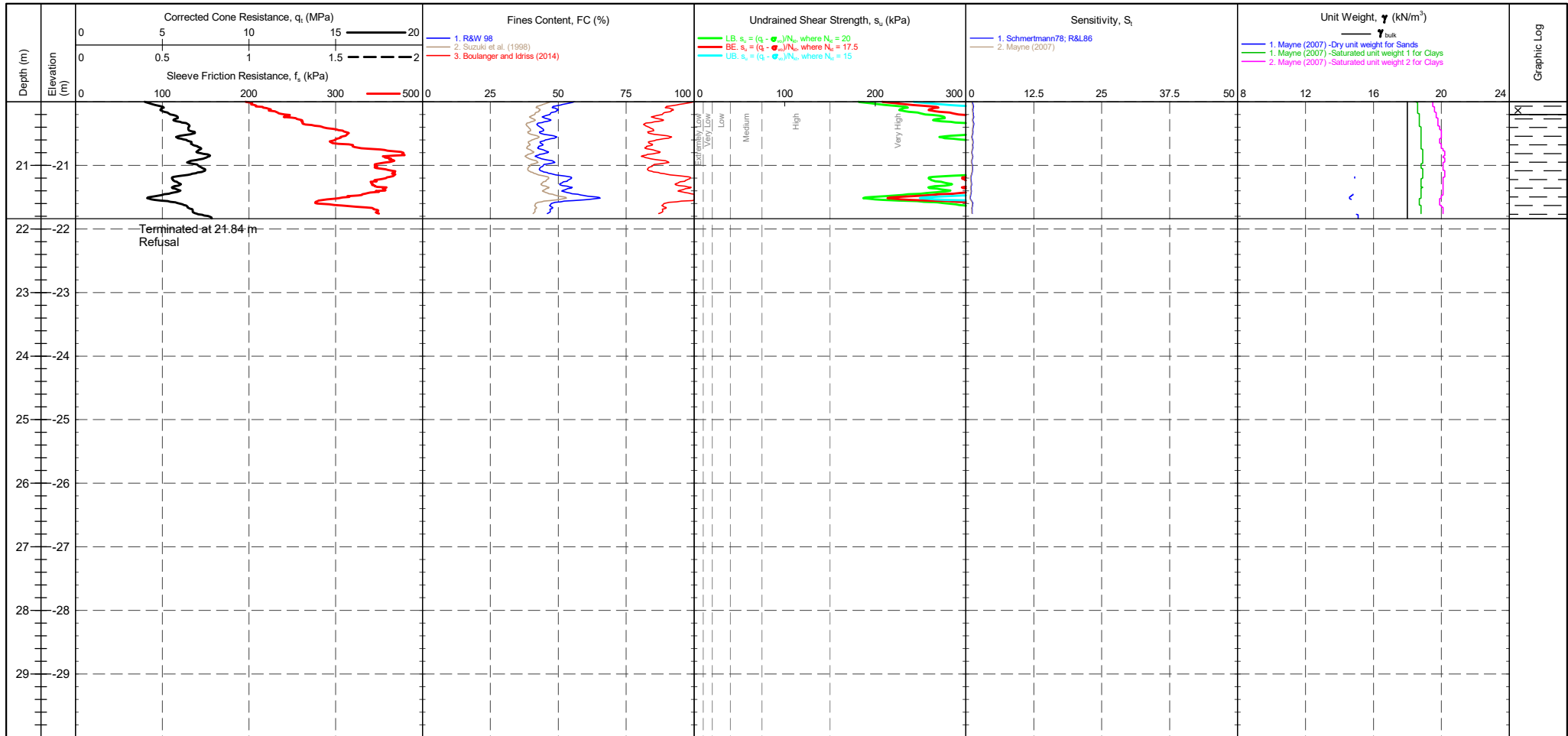
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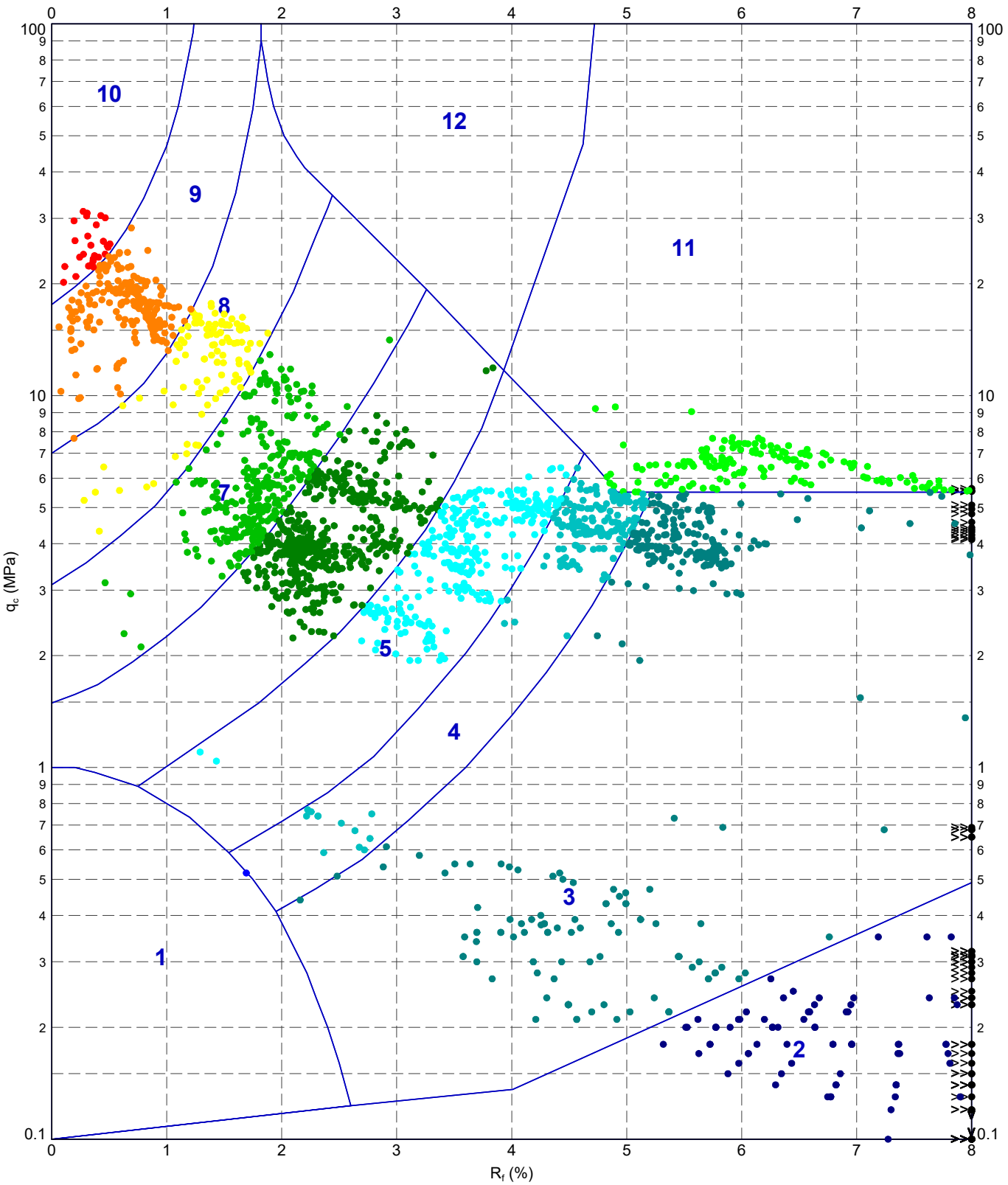
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220628-ADVANCED REPORT INSTIUSI 2.02.1 LIB - CHLOE.GLB Graph CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:06 10.03.00.09 Datagel Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0.2017-07-10 Proj: In Situ SI 2.02.0.2017-07-10



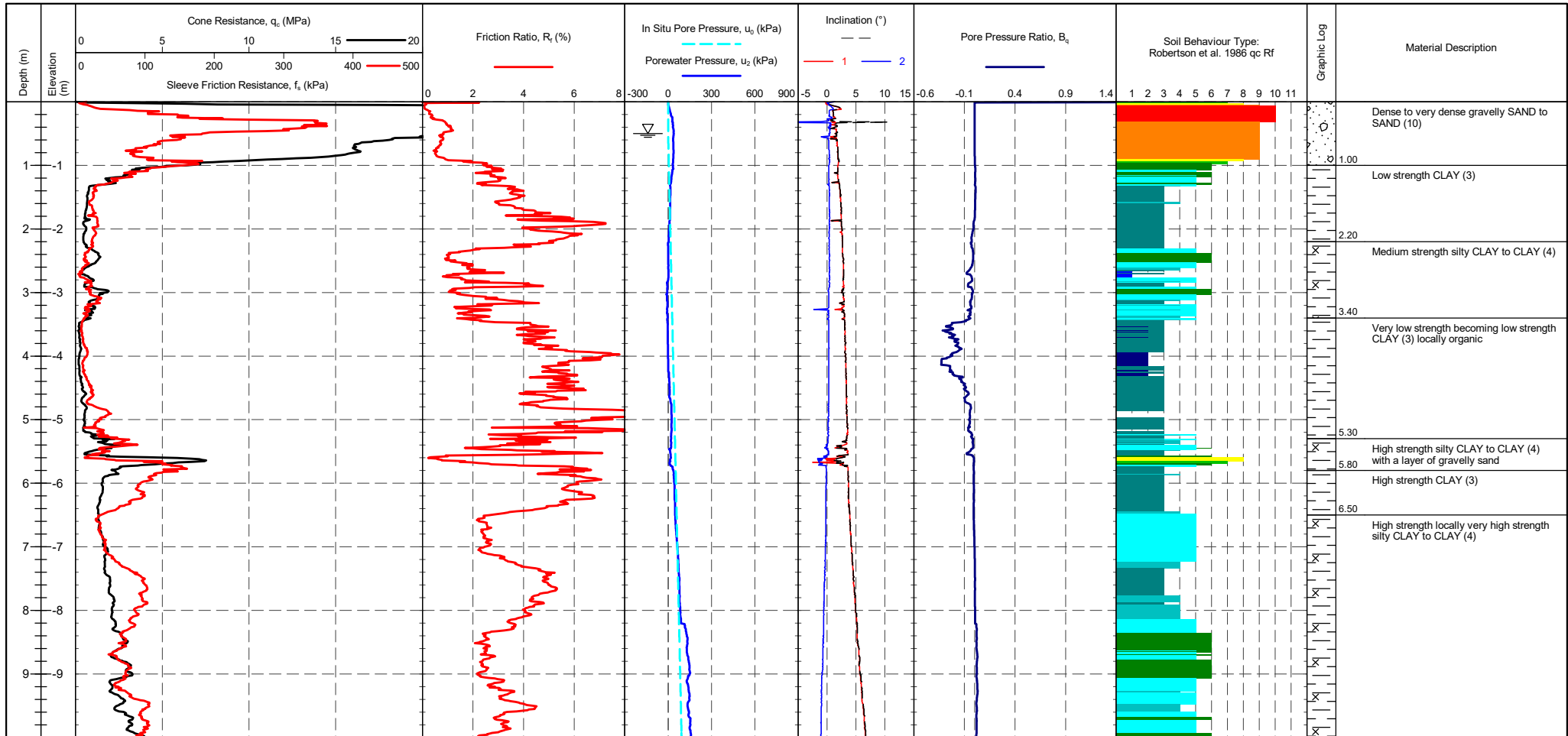
METHOD: Robertson et al. 1986 qc Rf

1 - Sensitive fine grained material	4 - Silty CLAY to CLAY	7 - Silty SAND to sandy SILT	10 - Gravelly SAND to SAND
2 - Organic material	5 - Clayey SILT to silty CLAY	8 - SAND to silty SAND	11 - Very stiff fine grained
3 - CLAY	6 - Sandy SILT to clayey SILT	9 - SAND	12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	Terrafirma (South) Canford Canford Energy Park Robertson et al. 1986 qc vs. Rf - CPT07	CHECKED	DATE
		SCALE	FIGURE No
		PROJECT No	
		1220328	A4

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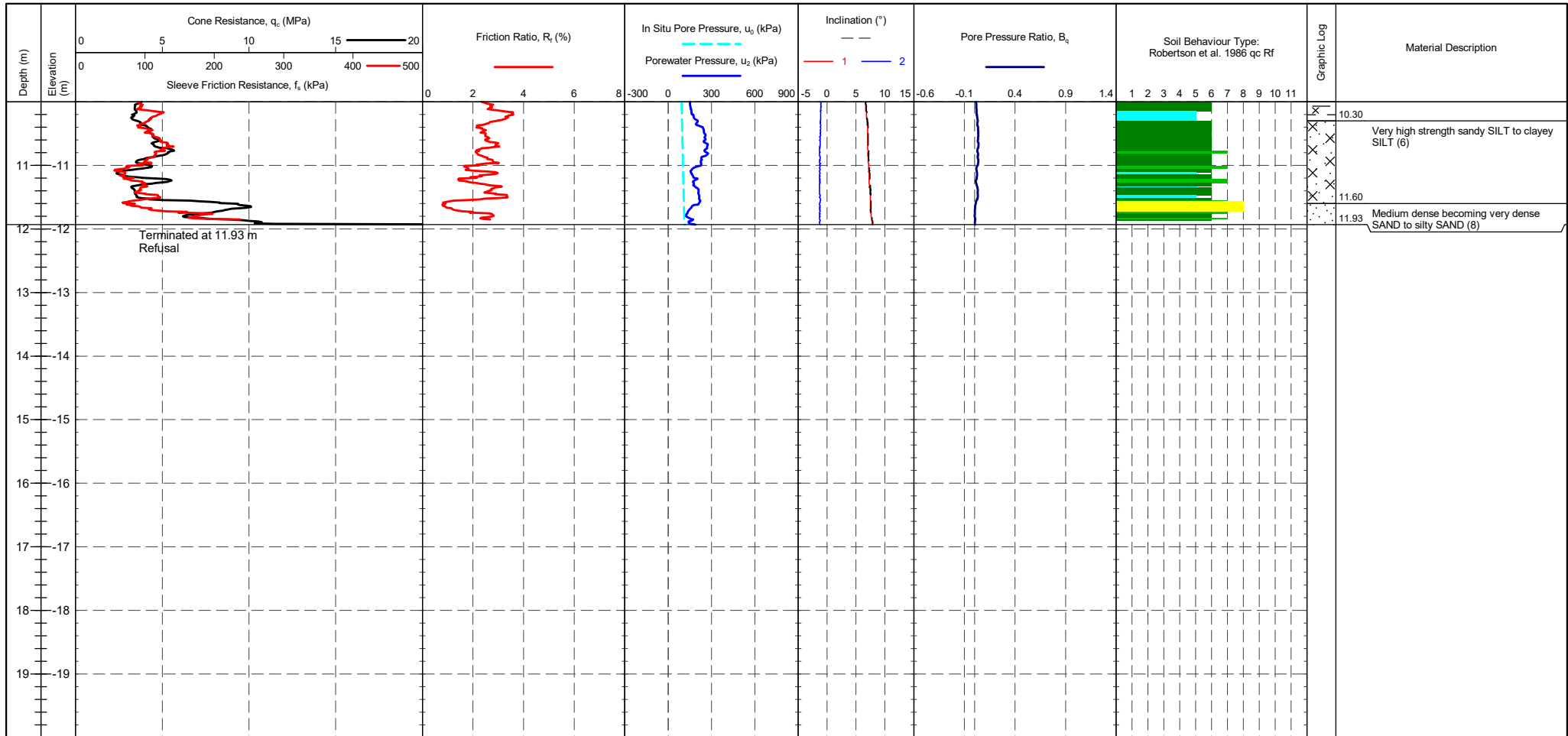
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on tip resistance.	SHEET : 1 OF 2 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CALIBRATION DATE : 29/04/2022 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICTION REDUCER : None WEATHER : Sunny & Mild GROUNDWATER DEPTH : Assumed for calculation purposes	CPTU ZERO VALUES Transducer Tip : Pre 260 mV, Post 264 mV, Difference 0.046 MPa Sleeve : Pre 253 mV, Post 257 mV, Difference 0.003 kPa Pore Pressure 2 : Pre 287 mV, Post 332 mV, Difference 0.012 kPa X-Y Inclinator : Pre 2464 mV, Post 2488 mV	METHOD: Robertson et al. 1986 qc Rf 1 - Sensitive fine grained material 2 - Organic material 3 - CLAY 4 - Silty CLAY to CLAY 5 - Clayey SILT to silty CLAY 6 - Sandy SILT to clayey SILT 7 - Silty SAND to sandy SILT 8 - SAND to silty SAND 9 - SAND 10 - Gravely SAND to SAND 11 - Very stiff fine grained 12 - SAND to clayey SAND	Groundwater Level Dissipation Test
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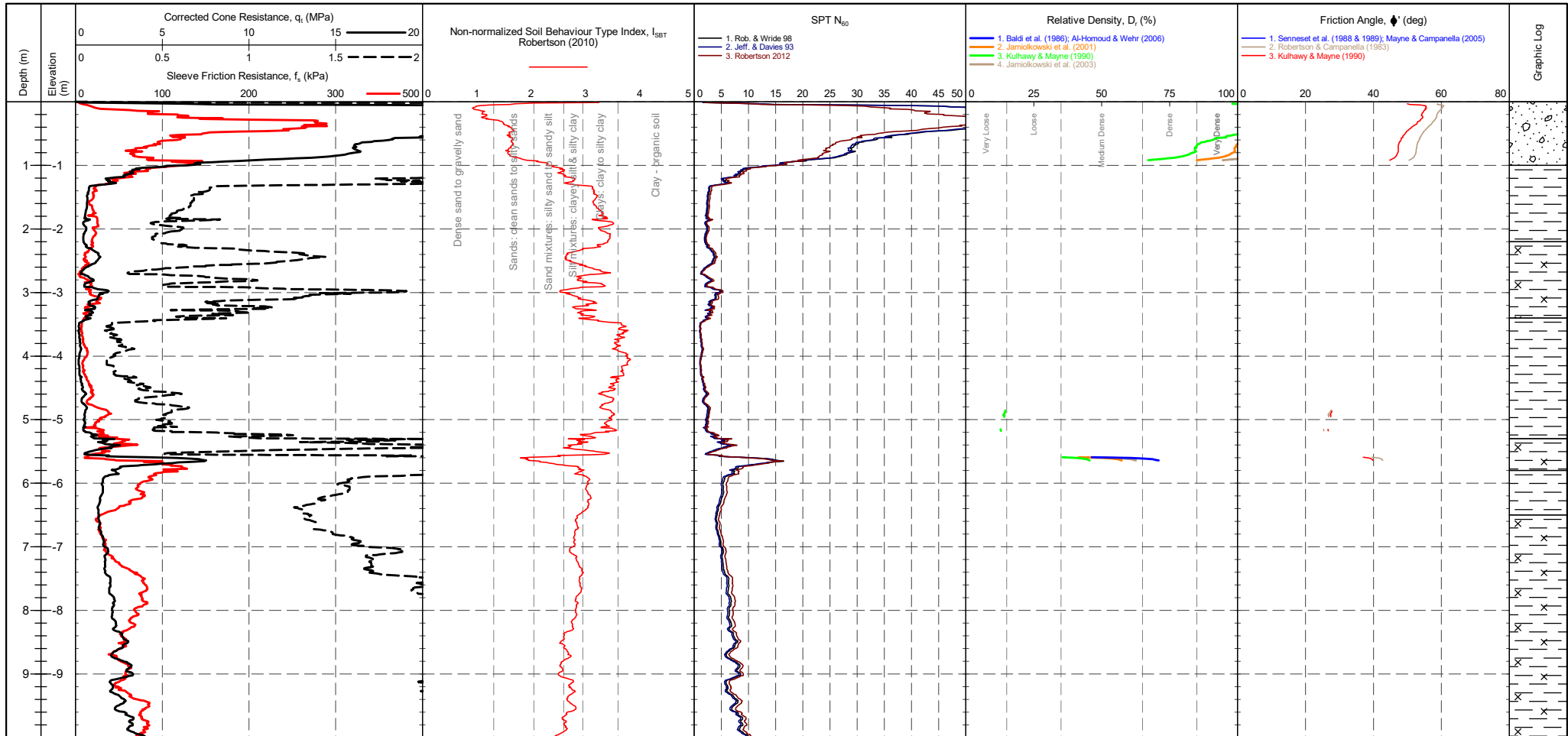
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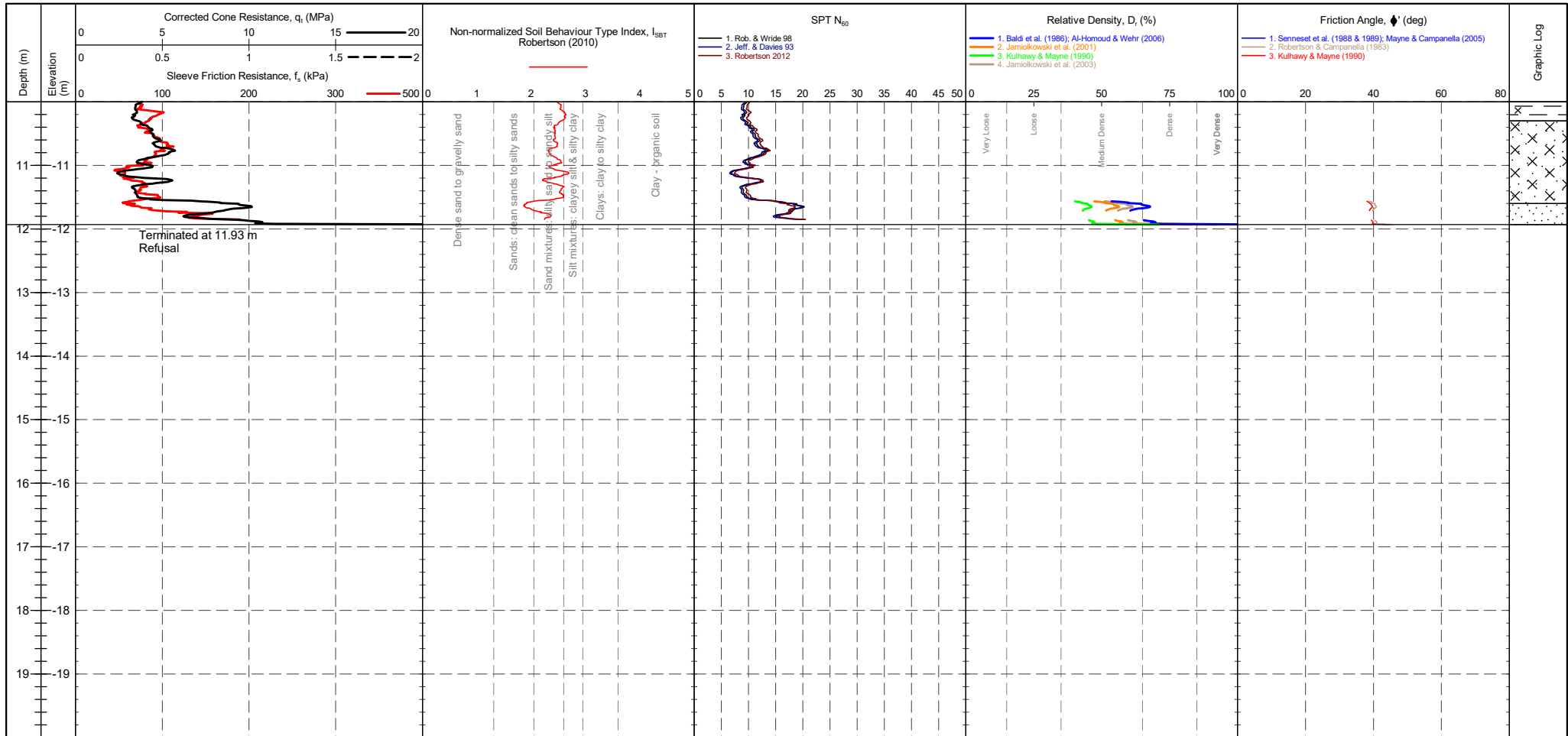
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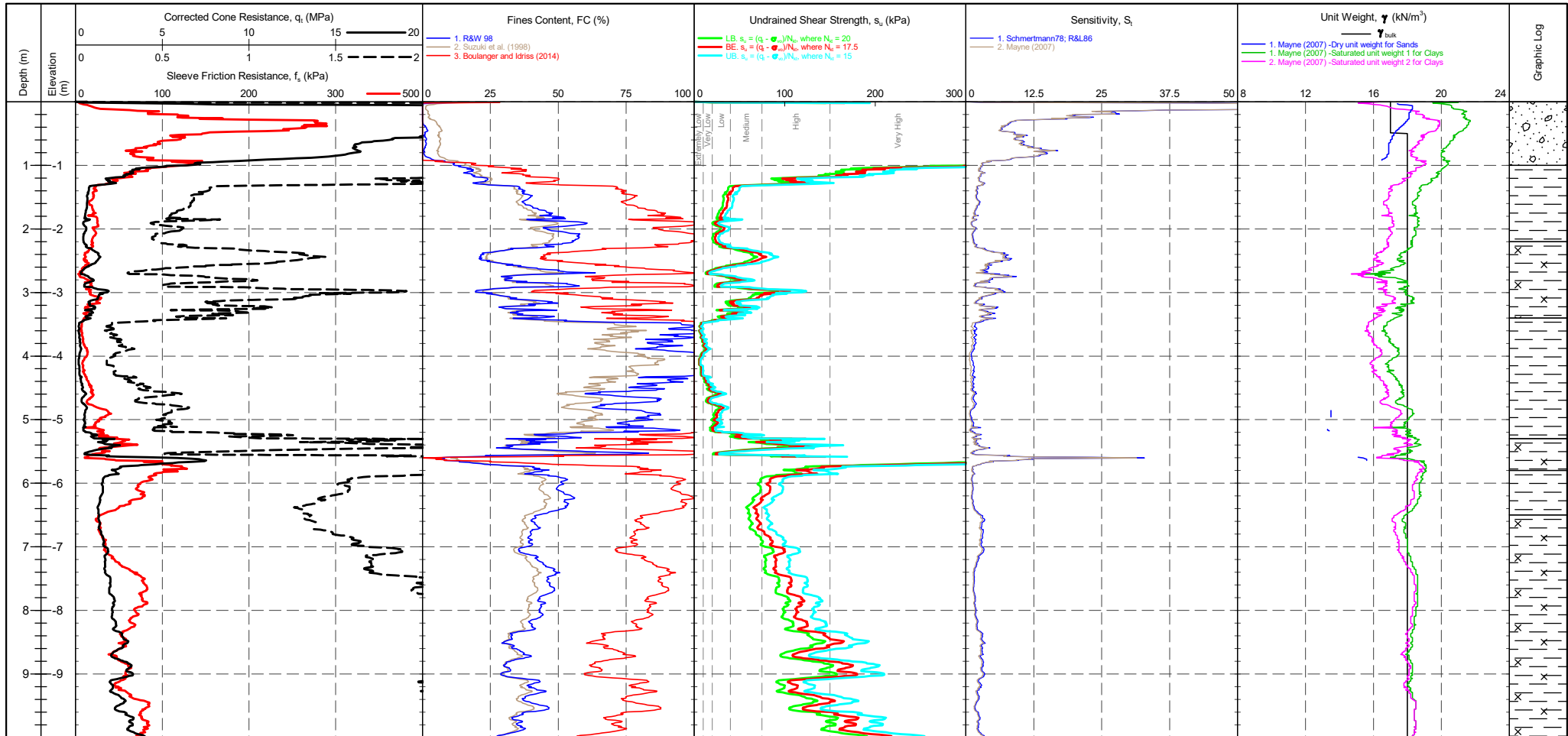
CLIENT : Terrafirma (South) PROJECT : Canford Energy Park LOCATION : Canford PROJECT No. : 1220328	EASTING : 0.000 m NORTHING : 0.000 m ELEVATION : 0.000 m OD CHECKED BY : LD TERMINATION REASON : Refusal	Remark: Test refused on tip resistance.	SHEET : 2 OF 2 STATUS : Final TEST DATE : 04/07/2022 PLOT DATE : 12/07/2022 METHOD : ISO 22476-1:2012
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CONE ID : S15-CFIP.2112 CONE MODEL : Subtraction CONE AREA : 15cm ² CONE AREA RATIO : 0.79 FILTER POSITION : u2 FILTER TYPE : HDPE	TEST TYPE : TE2 APPLICATION CLASS : 2 RIG : CPT 021 - Gary OPERATOR : DG FRICION REDUCER : None WEATHER : Sunny & Mild	CPTU ZERO VALUES <table border="1"> <tr> <th>Transducer</th> <th>Pre</th> <th>Post</th> <th>Difference</th> </tr> <tr> <td>Tip</td> <td>260 mV</td> <td>264 mV</td> <td>0.046 MPa</td> </tr> <tr> <td>Sleeve</td> <td>253 mV</td> <td>257 mV</td> <td>0.003 kPa</td> </tr> <tr> <td>Pore Pressure 2</td> <td>287 mV</td> <td>332 mV</td> <td>0.012 kPa</td> </tr> <tr> <td>X-Y Inclinator</td> <td>2464 mV</td> <td>2488 mV</td> <td></td> </tr> </table>	Transducer	Pre	Post	Difference	Tip	260 mV	264 mV	0.046 MPa	Sleeve	253 mV	257 mV	0.003 kPa	Pore Pressure 2	287 mV	332 mV	0.012 kPa	X-Y Inclinator	2464 mV	2488 mV		GRANULAR SOILS (Sands & Gravels) Robertson et al. 1986 Zones 7-10 and Zone 12 <table border="1"> <thead> <tr> <th>Description</th> <th>SBT Index, I_c</th> <th>Description</th> <th>SPT N value, NSPT</th> <th>Description</th> <th>Relative Density D_r (%)</th> </tr> </thead> <tbody> <tr> <td>Clays</td> <td>2.95-3.60</td> <td>Very Loose</td> <td>0 - 4</td> <td>Very Loose</td> <td>0 - 15</td> </tr> <tr> <td>Silt mixtures</td> <td>2.60-2.95</td> <td>Loose</td> <td>4 - 10</td> <td>Loose</td> <td>15 - 35</td> </tr> <tr> <td>Sand mixtures</td> <td>2.05-2.60</td> <td>Medium Dense</td> <td>10 - 30</td> <td>Medium Dense</td> <td>35 - 65</td> </tr> <tr> <td>Sands</td> <td>1.31-2.05</td> <td>Dense</td> <td>30 - 50</td> <td>Dense</td> <td>65 - 85</td> </tr> <tr> <td>Gravelly sand</td> <td><1.31</td> <td>Very Dense</td> <td>>50</td> <td>Very Dense</td> <td>>85</td> </tr> </tbody> </table>	Description	SBT Index, I _c	Description	SPT N value, NSPT	Description	Relative Density D _r (%)	Clays	2.95-3.60	Very Loose	0 - 4	Very Loose	0 - 15	Silt mixtures	2.60-2.95	Loose	4 - 10	Loose	15 - 35	Sand mixtures	2.05-2.60	Medium Dense	10 - 30	Medium Dense	35 - 65	Sands	1.31-2.05	Dense	30 - 50	Dense	65 - 85	Gravelly sand	<1.31	Very Dense	>50	Very Dense	>85	Groundwater Level Dissipation Test
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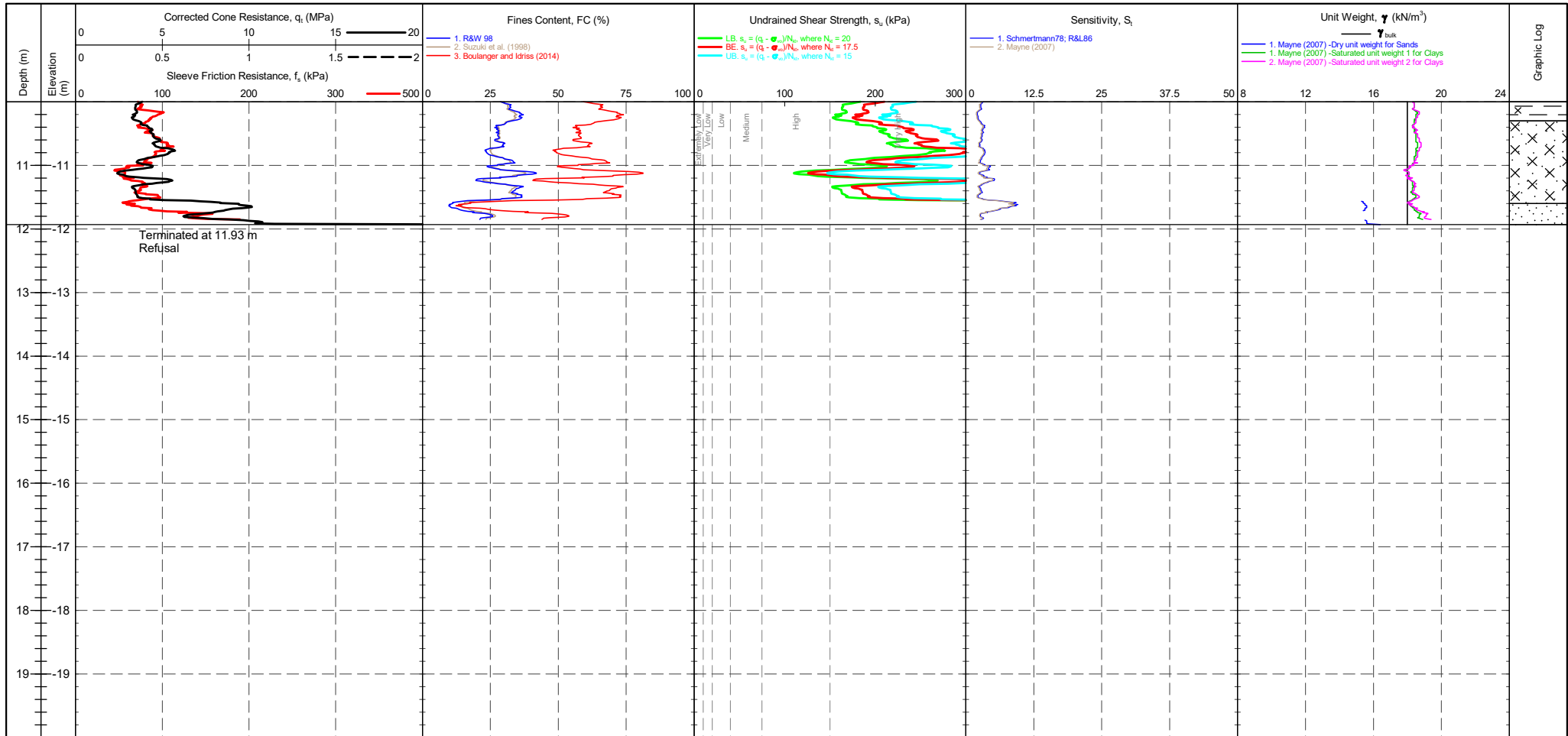
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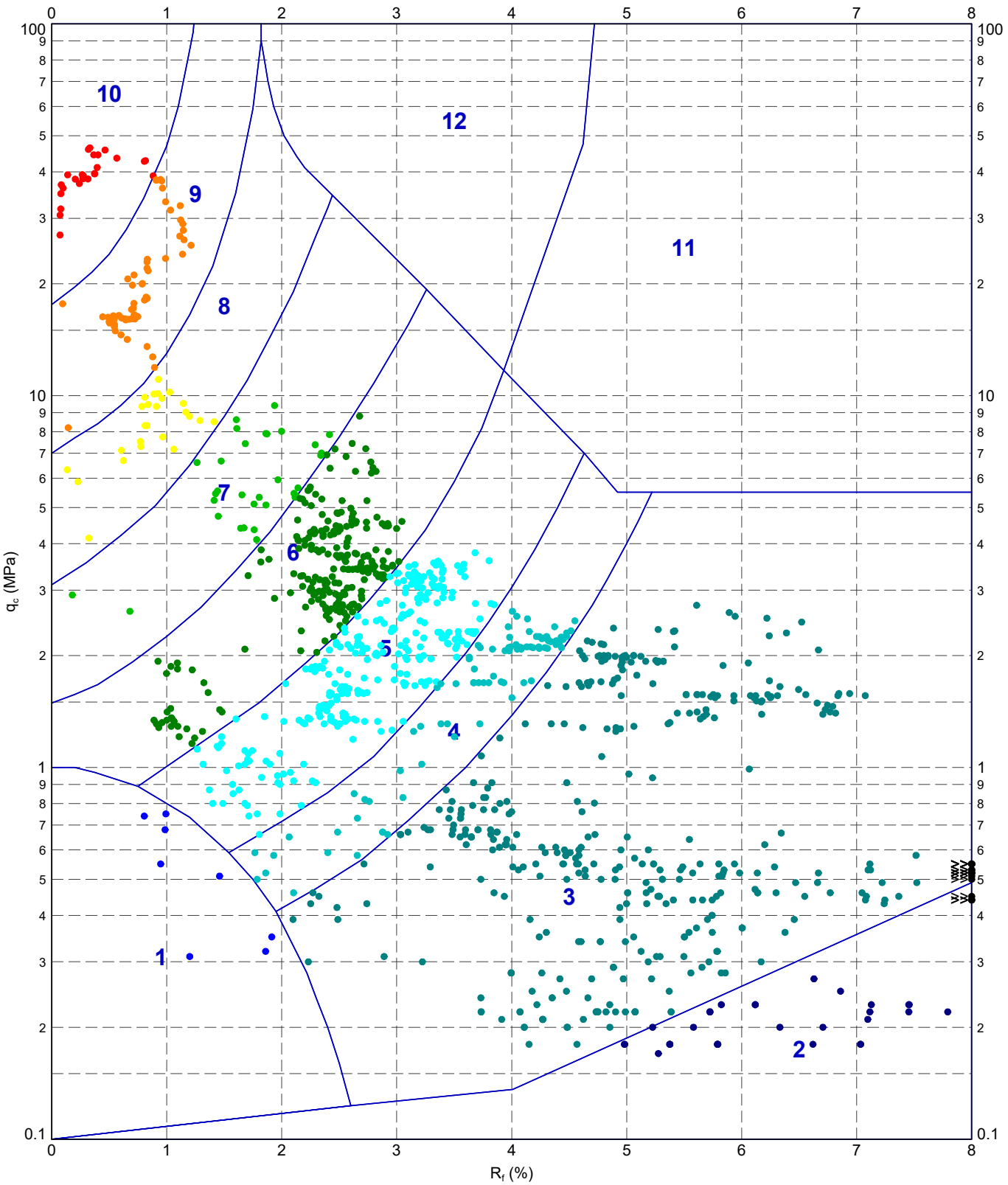
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220628-ADVANCED REPORT INSTITUTE 2.02.1 LIB - CHLOE.GLB Graph: CPT ROBERTSON ET AL. 8F QC VS. RF APF 1220328 CANFORD ENERGY PARK TERRA FIRMA SOUTH.GPJ <<DrawingFile>> 12/07/2022 11:08 10.03.00.09 Datagel Lab and In Situ Tool - DGD Lib: In Situ SI 2.02.0.2017-07-10 Proj: In Situ SI 2.02.0.2017-07-10



METHOD: Robertson et al. 1986 qc Rf

- 1 - Sensitive fine grained material
- 4 - Silty CLAY to CLAY
- 7 - Silty SAND to sandy SILT
- 10 - Gravelly SAND to SAND
- 2 - Organic material
- 5 - Clayey SILT to silty CLAY
- 8 - SAND to silty SAND
- 11 - Very stiff fine grained
- 3 - CLAY
- 6 - Sandy SILT to clayey SILT
- 9 - SAND
- 12 - SAND to clayey SAND

	TITLE	DRAWN	DATE
	Terra Firma (South) Canford Canford Energy Park Robertson et al. 1986 qc vs. Rf - CPT08	CHECKED	DATE
	SCALE	Not To Scale	
	PROJECT No 1220328	FIGURE No A4	



IN SITU SITE INVESTIGATION

Unit 23 Hastings Innovation
Centre,
Highfield Drive
St. Leonards on Sea, East Sussex,
TN38 9UH, U.K.

Company No.: 6339499
VAT No.: 922 3561 41

Annex B: Exploratory Hole Logs

Project Name Canford Energy Park		Project No. EX-21-001	Date 23/06/2022 to 28/06/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403489.80 N: 96725.67 L: 42.85	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
N=48 (2,3/5,24,15,4)	SPTLS	10.50					Stiff bluish grey silty CLAY.	[Symbol]	
	SPT(S)	10.50							
	C	11.20 - 11.50							
N=29 (3,5/5,6,8,10)	SPTLS	12.00			12 (6.00)		Stiff bluish grey silty CLAY.	[Symbol]	
	SPT(S)	12.00							
	C	12.70 - 13.00							
N=31 (5,5/6,8,8,9)	SPTLS	13.50			13		Stiff bluish grey silty CLAY.	[Symbol]	
	SPT(S)	13.50							
	C	14.20 - 14.50							
N=36 (8,8/7,9,10,10)	SPTLS	15.00			15 15.00	27.85	Dense bluish grey slightly clayey silty fine to medium SAND.	[Symbol]	
	SPT(S)	15.00							
	C	16.00 - 16.30							
N=46 (6,7/7,10,14,15)	SPT(S)	16.30			16		Firm bluish grey silty sandy CLAY. Sand is fine.	[Symbol]	
	C	17.50 - 17.80							
N=54 (8,10/11,12,15,16)	SPT(S)	17.90			17 (3.45)		Stiff brownish orange mottled red silty CLAY.	[Symbol]	
	SPTLS	18.00							
	C	19.00 - 19.40							
	SPTLS	20.00			20.00	22.85			

Remarks Borehole collapsing during standpipe installation.	Borehole Diameter	
	Base Depth	Diameter

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Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
50 (11,13/50 for 195mm)	SPT(S)	20.00			(0.45)		Stiff light grey mottled brownish orange slightly silty CLAY. Occasional red mottling/specks.		
	C	20.50 - 20.80			20.45	22.40	Stiff greyish brown slightly sandy CLAY.		
					21				
					(1.45)				
50 (10,14/50 for 180mm)	SPTLS SPT(S)	21.50 21.50			21.90	20.95	Firm greyish brown sandy CLAY.		
					22				
					(2.10)				
N=50 (7,8/50 for 230mm)	SPTLS SPT(S) C	23.00 23.00 23.20 - 23.50			24.00	18.85	Dense grey slightly clayey silty fine to medium SAND.		
					24				
					(2.00)				
50 (7,10/50 for 220mm)	SPTLS SPT(S) C	24.50 24.50 24.70 - 25.00			26.00	16.85	Dense grey slightly clayey SAND.		
					26				
					(1.00)				
50 (25 for 90mm/50 for 115mm)	SPTLS SPT(S) C	26.00 26.00 26.50 - 26.80			27.00	15.85	End of Borehole at 27.00m		
					27				
					28				
					29				

Remarks Borehole collapsing during standpipe installation.	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 20/06/2022 to 21/06/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403388.50 N: 96669.99 L: 44.14	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
					(1.50)		NO RECOVERY		
N=8 (3,2/2,2,2,2)	SPTLS SPT(S)	1.50 1.50			1.50 (0.10) 1.60 (0.35) 1.95	42.64 42.54 42.19	MADE GROUND: Soft orangish brown CLAY. MADE GROUND: Soft black slightly sandy gravelly CLAY. Sand is predominantly coarse. Gravel is subangular predominantly fine of mixed lithologies.		
N=12 (11,3/2,2,3,5)	SPT (C)	3.00			(2.55)		NO RECOVERY		
N=4 (1,1/1,1,1,1)	SPTLS SPT(S)	4.50 4.50			4.50 (0.45) 4.95	39.64 39.19	MADE GROUND: Soft orangish brown slightly gravelly clayey SAND. Gravel is subangular medium flint.		
N=29 (2,4/4,5,9,11)	SPTLS SPT(S)	6.00 6.00			(1.05) 6.00 (0.45) 6.45	38.14 37.69	Medium dense orange mottled light grey silty fine to medium SAND.		
50 (5,7/50 for 160mm)	SPTLS SPT(S)	7.50 7.50			(1.05) 7.50 (0.45) 7.95	36.64 36.19	Dense orangish brown slightly silty SAND.		
N=33 (6,6/7,7,9,10)	SPTLS SPT(S)	9.00 9.00			(1.05) 9.00 (0.45) 9.45	35.14 34.69	Firm bluish grey silty CLAY with thin lenses of light grey fine SAND.		
					(1.05)		NO RECOVERY		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 20/06/2022 to 21/06/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403388.50 N: 96669.99 L: 44.14	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
N=32 (5,6/6,8,8,10)	C SPTLS SPT(S)	10.50 10.50 - 10.70 10.50			10.50 (0.50)	33.64	NO RECOVERY		
					11.00 (1.00)	33.14	Stiff brownish grey slightly sandy silty CLAY. Sand is fine to medium.		
					12.00 (1.30)	32.14	Firm dark grey slightly sandy silty CLAY. Sand is fine to medium.		
N=37 (4,8/8,7,11,11)	C SPT(S)	12.00 - 12.30 12.00			12.00 (1.30)	32.14	Soft dark grey slightly silty slightly sandy CLAY.		
					13.00 (1.40)	30.84	Firm dark grey slightly sandy silty CLAY. Sand is fine to medium.		
N=48 (8,8/10,12,13,13)	C SPT(S)	13.00 - 13.80 13.50			13.30 (1.80)	29.44	Soft brownish grey slightly sandy silty CLAY. Sand is fine to medium.		
					14.70 (1.50)	27.64	NO RECOVERY		
N=49 (4,9/11,11,14,13)	C SPT(S)	15.00 - 15.20 15.00			16.50 (2.80)	26.14	Soft dark grey slightly sandy silty CLAY. Sand is fine to medium.		
					18.00				
N=49 (9,10/12,12,12,13)	SPT(S)	16.50			18.00				
					19.00 - 19.50				
N=43 (7,10/12,11,11,9)	C SPT(S)	19.50 - 19.70 19.50			19.50				
N=24 (2,4/4,6,7,7)	C SPT(S)	19.50 - 19.70 19.50							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 20/06/2022 to 21/06/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403388.50 N: 96669.99 L: 44.14	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
51 (6,10/51 for 170mm)	C SPT(S)	21.00 - 21.20 21.00			20.80 21	23.34	Soft dark grey slightly sandy silty CLAY. Sand is fine to medium.		
					(2.10) 22		Firm brownish grey slightly sandy CLAY. Sand is fine to medium.		
50 (25 for 130mm/50 for 80mm)	C SPT(S)	22.50 - 22.70 22.50			22.90 23	21.24	Firm grey with occasional yellow mottling slightly sandy CLAY. Sand is fine to medium.		
					(1.10) 24	20.14	Soft dark grey sandy CLAY. Sand is fine to medium.		
50 (25 for 120mm/50 for 75mm)	C SPT(S)	24.00 - 24.20 24.00			25 25				
					(1.50) 26				
N=43 (6,10/10,12,12,9)	SPT(S)	25.50			25.50 27	18.64	End of Borehole at 25.50m		
					28				
					29				

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 30/06/2022 to 01/07/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403441.50 N: 96751.56 L: 43.13	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
			5.40	20	5.40	Approved By TC
			16.00	20	8.10	Scale 1:50

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
							MADE GROUND: Rotary open holed. Flush returns comprised generic fill comprising clay and gravel with brick, concrete and flint.		
					1				
					2				
					(5.60)				
					3				
					4				
					5				
N=22 (3,5/5,5,6,6)	SPTLS SPT(S)	5.60 5.60			5.60	37.53	Stiff bluish grey slightly sandy silty CLAY. Sand is fine.		
					6				
					(1.60)				
N=22 (5,5/5,4,6,7)	SPTLS SPT(S)	7.00 7.00			7	35.93	NO RECOVERY		
					8				
					(0.80)				
					8.00	35.13	Stiff bluish grey slightly sandy silty CLAY. Sand is fine.		
					(0.60)				
N=28 (7,7/7,7,8,6)	SPTLS SPT(S)	8.50 8.50			8.60	34.53	NO RECOVERY		
					(0.50)				
					9				
					(0.50)				
					9.10	34.03	Stiff bluish grey sandy CLAY.		
N=34 (6,7/7,9,9,9)	SPTLS	10.00							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 30/06/2022 to 01/07/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403441.50 N: 96751.56 L: 43.13	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
			5.40	20	5.40	Approved By TC
			16.00	20	8.10	Scale 1:50

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
	SPT(S)	10.00					Stiff bluish grey sandy CLAY.		
	C	10.50 - 10.80							
N=37 (6,7/8,8,10,11)	SPTLS SPT(S) C	11.50 11.50 11.60 - 12.00							
					(6.70)				
N=46 (9,10/10,11,11,14)	SPTLS SPT(S) C	13.00 13.00 13.10 - 13.50							
N=40 (1,4/8,10,11,11)	SPT(S) C	14.50 14.80 - 15.00							
N=52 (7,9/12,11,14,15)	SPTLS SPT(S) C	16.00 16.00 16.30 - 16.50				15.80 27.33	Firm bluish grey silty sandy CLAY. Sand is fine.		
50 (25 for 75mm/50 for 225mm)	SPT (C) C	17.50 17.80 - 18.00							
50 (25 for 80mm/50 for 165mm)	SPTLS SPT(S) C	19.00 19.00 19.30				18.50 24.63	Stiff brownish orange slightly sandy silty CLAY.		
	C	20.00 - 20.30							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 30/06/2022 to 01/07/2022		Hole Type RC	
Client Canford Renewable Energy		Co-ords E: 403441.50 N: 96751.56 L: 43.13	Water Strike Details			Logged By WS/KT
Contractor ADS Drilling			Plant Used Comacchio GEO 405	Depth Strike	Time Elapsed	Rose To
			5.40	20	5.40	Approved By TC
			16.00	20	8.10	Scale 1:50

Samples and Results			TCR SCR RQD	FI	Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth							
50 (10,14/50 for 105mm)	SPT(S)	20.50			20.20	22.93	Stiff brownish orange slightly sandy silty CLAY. Stiff greyish brown slightly sandy silty CLAY.		
	C	20.70 - 21.00							
	C	21.20 - 21.50			21				
					(3.00)				
50 (25 for 75mm/50 for 80mm)	SPT(S)	22.00			22	19.93	Firm greyish brown sandy CLAY.		
	C	22.80 - 23.00							
					23				
					23.20	19.93			
					(1.00)				
					24	18.93	Dense grey slightly clayey silty fine to medium SAND.		
	C	24.50 - 24.80							
					25				
50 (7, 10/50 for 150mm)	SPT (C)	25.00			25	16.43	Dense grey slightly clayey SAND.		
	C	25.70 - 26.00							
					26				
					26.70	16.43			
					(0.90)				
					27	15.53	Soft grey slightly sandy CLAY.		
	SPT (C)	28.00							
	C	28.00			28				
					27.60	15.53			
					(2.40)				
					29				
					29.50				
					30.00	13.13			

End of Borehole at 30.00m

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 14/07/2022 to 18/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403445.70 N: 96723.07 L: 43.31	Water Strike Details			Logged By WS
Contractor BH Drilling Solutions			Plant Used Dando D2000	Depth Strike 8.00	Time Elapsed 20	Rose To 4.80
Approved By TC						
Scale 1:50						

Samples and Results					Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing	Water					
					(0.20) 0.20	43.11	Roadstone		
50 (15,10/50 for 225mm)	D SPT(C)	1.20 - 1.65 1.20	1.20	Dry			MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse. Occasional rebar, ash, tiles, granite and concrete cobbles. (MADE GROUND)		
N=17 (3,3/4,4,5,4)	D SPT(C)	2.20 - 2.65 2.20	2.00	Dry					
N=15 (3,3/3,3,4,5)	D SPT(C)	3.20 - 3.65 3.20	3.00	Dry					
N=17 (3,4/4,4,4,5)	D SPT(C)	4.20 - 4.65 4.20	4.00	0.50	(7.50)				
50 (6,19/50 for 250mm)	D SPT(C)	5.20 - 5.65 5.20	5.00	0.50					
50 (5,5/50 for 225mm)	D SPT(C)	6.50 - 6.95 6.50	6.00	0.50					
N=22 (3,3/4,4,6,8)	SPTLS SPT(S)	8.00 - 8.45 8.00	7.60	1.00	7.70	35.61		Stiff Bluish grey slightly silty slightly sandy CLAY. Sand is fine.	
N=24 (3,4/4,6,6,8)	SPT(S)	9.50	7.60	3.00					

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				10.00 20.00	200 150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					



Project Name Canford Energy Park		Project No. EX-21-001	Date 14/07/2022 to 18/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403445.70 N: 96723.07 L: 43.31	Water Strike Details			Logged By WS
Contractor BH Drilling Solutions			Plant Used Dando D2000	Depth Strike 8.00	Time Elapsed 20	Rose To 4.80
Approved By TC						
Scale 1:50						

Samples and Results				Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing Water					
						Stiff Bluish grey slightly silty slightly sandy CLAY. Sand is fine.		
blows=100 recovery=95%	UT	11.00 - 11.45		11				
	D	11.45 - 11.55						
	D	12.00 - 12.10		12				
N=25 (3,3/4,6,6,9)	SPTLS SPT(S)	12.50 - 12.95 12.50	7.60 1.50	13				
	D	13.50 - 13.60		(11.80)				
N=29 (3,5/5,6,8,10)	SPTLS SPT(S)	14.00 - 14.45 14.00	7.60 2.80	14				
	D	15.00 - 15.10		15				
N=36 (3,5/6,8,10,12) blows=50 recovery=0%	SPTLS UT SPT(C)	15.50 - 15.95 15.50 - 15.95 15.50	15.10 3.20	16				
	D	16.50 - 16.60						
N=29 (3,3/6,7,8,8)	SPTLS SPT(C)	17.00 - 17.45 17.00	16.60 4.50	17				
	D	18.00 - 18.10		18				
N=32 (3,5/7,7,9,9)	SPTLS SPT(C)	18.50 - 18.95 18.50	18.10 4.50	19				
	D	19.50 - 19.60		19.50	23.81	Stiff bluish grey mottled brown slightly silty CLAY.		
				(0.50)				
N=48 (4,6/8,10,14,16)	SPTLS	20.00 - 20.45	18.10 6.80	20.00	23.31			

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				10.00	200
				20.00	150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					



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Borehole No.

CP02

Sheet 3 of 3

Project Name Canford Energy Park		Project No. EX-21-001	Date 14/07/2022 to 18/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403445.70 N: 96723.07 L: 43.31	Water Strike Details			Logged By WS
Contractor BH Drilling Solutions			Plant Used Dando D2000	Depth Strike 8.00	Time Elapsed 20	Rose To 4.80
Approved By TC						
Scale 1:50						

Samples and Results				Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing Water					
	SPT(C)	20.00				End of Borehole at 20.00m		
				21				
				22				
				23				
				24				
				25				
				26				
				27				
				28				
				29				

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				10.00 20.00	200 150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					

Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 21/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403424.40 N: 96712.05 L: 43.50	Water Strike Details			Logged By WS
Contractor BH Drilling Services			Plant Used Dando D2000	Depth Strike 10.00	Time Elapsed 20	Rose To 7.85
Approved By TC						
Scale 1:50						

Samples and Results					Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing	Water					
					(0.10) 0.10	43.40	Roadstone		
N=55 (10,15/15,12,20,8)	D SPT(C)	1.20 - 1.65 1.20	0.00	DRY	1.20	42.30	MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse. Occasional rebar, ash, tiles, granite and concrete cobbles.		
N=50 (6,15/16,12,15,7)	D SPT(C)	2.20 - 2.65 2.20	1.60	DRY					
N=38 (12,13/14,8,8,8)	D SPT(C)	3.20 - 3.65 3.20	3.00	1					
N=20 (8,8/5,5,5,5)	D SPT(C)	4.20 - 4.65 4.20	4.00	1.2	(5.80)				
50 (7,18/50 for 75mm)	D SPT(C)	5.20 - 5.65 5.20	5.00	2					
N=27 (5,10/7,10,7,3)	D SPT(C)	6.50 - 6.95 6.50	6.00	2					
N=16 (2,2/3,3,5,5)	SPT(S)	8.00	7.60	2					
	D	9.00 - 9.10			(3.50)				
N=45 (3,3/5,5,15,20)	SPT(S)	9.50	7.60	DRY					
						7.00	36.50	Firm grey slightly silty CLAY.	

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				16.05	200
				20.00	150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					

Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 21/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403424.40 N: 96712.05 L: 43.50	Water Strike Details			Logged By WS
Contractor BH Drilling Services			Plant Used Dando D2000	Depth Strike 10.00	Time Elapsed 20	Rose To 7.85
Approved By TC						
Scale 1:50						

Samples and Results				Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing Water					
blows=100 recovery=95%	D	10.50 - 10.60		10.50	33.00	Firm grey slightly silty CLAY.		
	UT	11.00 - 11.45		11		Stiff grey slightly silty sandy CLAY. Sand is fine to medium grained.		
	D	11.45 - 11.55						
N=27 (3,4/5,7,7,8)	SPT(S)	12.50	7.60 0.5					
	D	12.00 - 12.10		12				
N=37 (4,6/8,9,10,10)	SPT(S)	14.00	7.60 DRY					
	D	13.50 - 13.60		13	(5.40)			
	UT	15.00 - 15.10		14				
blows=100 recovery=100%	SPT(S)	14.00				Dense grey fine to coarse silty SAND. Sand is fine to medium grained.		
	D	15.00 - 15.10		15	15.90		27.60	
N=41 (5,5/7,10,12,12)	UT	15.50 - 15.95				Stiff grey slightly silty sandy CLAY. Sand is fine. Occasional bands of clayey SAND.		
	D	15.95 - 16.05		16	(0.60)			
	SPT(S)	16.50 - 16.60			16.50		27.00	
N=38 (4,4/7,9,10,12)	SPT(S)	17.00	16.50 4.5					
	D	18.00 - 18.10		17				
N=50 (5,8/10,15,18,7)	SPT(S)	18.50	18.20 4					
	D	18.00 - 18.10		18	(3.45)			
N=50 (5,8/10,15,18,7)	SPT(S)	19.50 - 19.60						
	D	19.50 - 19.60		19				
N=50 (5,8/10,15,18,7)	SPT(S)	20.00	19.60 2.5			Very stiff grey mottled reddish brown slightly silty CLAY.		

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				16.05	200
				20.00	150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					

Project Name Canford Energy Park		Project No. EX-21-001	Date 11/07/2022 to 13/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403361.60 N: 96658.66 L: 44.10	Water Strike Details			Logged By KT
Contractor BH Drilling Services			Plant Used Dando D2000	Depth Strike	Time Elapsed	Rose To
			9.80	20	9.45	Approved By TC
			17.20	20	15.20	Scale 1:50

Samples and Results					Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing	Water					
N=33 (4,4/6,9,9,9)	D SPT(C)	1.20 - 1.65 1.20	1.20	DRY	(0.30)	43.80	Roadstone		
					(0.30)	43.80	Membrane		
					(0.01)	43.79	MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse. Occasional glass, metal and timber.		
					(0.31)	43.70	MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse. Occasional glass, metal and timber.		
					(0.09)		MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL with occasional bands of clay, brick and concrete. Sand is fine to coarse. Occasional glass, metal and timber.		
					(0.40)		MADE GROUND: Loose multicoloured very sandy subangular to subrounded fine to coarse GRAVEL of brick and concrete. Sand is fine to coarse.		
					(0.80)				
					1.20	42.90			
					(0.30)	42.60			
					(1.50)				
50 (10,10/50 for 225mm)	D SPT(C)	2.20 - 2.65 2.20	2.00	DRY					
N=10 (1,2/2,2,3,3)	D SPT(C)	3.20 - 3.65 3.20	3.00	DRY	(3.15)				
N=12 (2,2/2,3,3,4)	D SPT(C)	4.20 - 4.65 4.20	4.00	DRY					
N=8 (2,2/2,2,2,2)	SPTLS SPT(S)	5.20 - 5.65 5.20	5.00	0.50	4.65	39.45	MADE GROUND: CONCRETE		
					(0.35)				
					5.00	39.10	MADE GROUND: Loose grey fine to coarse silty gravelly SAND. Sand is fine to medium grained. Gravel is subangular to subrounded fine to coarse.		
N=14 (2,2/3,3,4,4)	SPTLS SPT(S)	6.50 - 6.95 6.50	6.00	DRY	(1.00)		Firm bluish grey slightly CLAY.		
blows=80 recovery=100%	UT	7.50 - 7.60							
N=21 (3,3/4,5,6,6)	SPTLS SPT(S)	8.00 - 8.45			(5.40)				
N=21 (3,3/4,5,6,6)	SPTLS SPT(S)	8.45 - 8.55							
N=21 (3,3/4,5,6,6)	SPTLS SPT(S)	9.00 - 9.10							
N=21 (3,3/4,5,6,6)	SPTLS SPT(S)	9.50 - 9.95 9.50	6.00	DRY					

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				12.00	200
				17.40	150


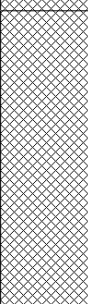
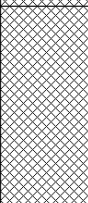
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 11/07/2022 to 13/07/2022		Hole Type CP	
Client Canford Renewable Energy		Co-ords E: 403361.60 N: 96658.66 L: 44.10	Water Strike Details			Logged By KT
Contractor BH Drilling Services			Plant Used Dando D2000	Depth Strike	Time Elapsed	Rose To
			9.80	20	9.45	Approved By TC
			17.20	20	15.20	
Scale 1:50						

Samples and Results				Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth	Casing Water					
blows=100 recovery=95%	D	10.50 - 10.60				Firm bluish grey slightly CLAY.		
	UT	11.00 - 11.45		11				
	D	11.45 - 11.55		11.40	32.70	Stiff bluish grey slightly silty CLAY with occasional black mottling.		
N=23 (4,4/5,5,6,7)	SPTLS SPT(S)	12.50 - 12.95 12.50	6.00 2.40	(1.80)				
	D	13.50 - 13.60		13.20	30.90	Stiff red mottled grey slightly silty CLAY.		
	UT	14.00 - 14.45		(1.10)				
blows=100 recovery=98%	D	14.45 - 14.55		14.30	29.80	Stiff light grey CLAY.		
	SPTLS SPT(S)	15.50 - 15.95 15.50	12.10 DRY	(2.80)				
	D	16.50 - 16.60		15				
blows=100 recovery=50%	UT	17.00 - 17.45		17				
	SPTLS SPT(S)	17.40 - 17.85 17.40	12.10 14.40	17.10 (0.30) 17.40	27.00 26.70	Medium dense grey slightly clayey SAND with occasional flakes of sandstone. Sand is fine to medium.		
	End of Borehole at 17.40m							

Chiselling Details			Remarks	Borehole Diameter	
Depth Top	To (m)	Duration		Base Depth	Diameter
				12.00	200
				17.40	150
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.					

Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 19/07/2022	Hole Type TP	
Client Canford Renewable Energy		Co-ords E: 403523.10 N: 96697.81 L: 44.02	Water Strike Details		Logged By WS
Contractor Honeybun Plant Hire			Plant Used Komatsu PC130	Depth Strike	Remarks
					Scale 1:50

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend
Results	Type	Depth				
	ES	0.20	(0.50)		MADE GROUND: Medium dense light grey sandy angular to subangular fine to coarse GRAVEL of crushed concrete. Sand is fine to coarse. Occasional brick fragments.	
	B	1.00	1	43.52	MADE GROUND: Medium dense orangish brown sandy angular to subangular fine to coarse GRAVEL of crushed concrete with frequent cables, rebar and brick fragments.	
	D	2.50	(1.00)	2	MADE GROUND: Firm blackish grey mottled orange slightly silty slightly sandy CLAY. Sand is fine.	
			3	41.02	End of Trial Pit at 3.00m	
			4			

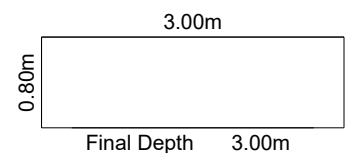
Trial Pit Photographs







Remarks

Pit Stability: Unstable. Side wall collapse.

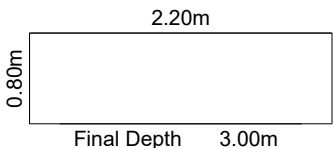
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.





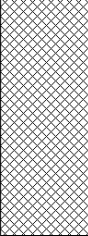
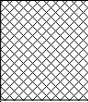
Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 19/07/2022	Hole Type TP	
Client Canford Renewable Energy		Co-ords E: 403460.70 N: 96666.04 L: 43.51	Water Strike Details		Logged By KT
Contractor Honeybun Plant Hire			Plant Used Komatsu PC130	Depth Strike	Remarks
					Scale 1:50

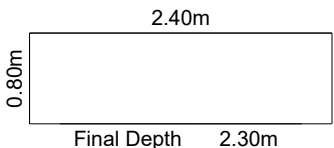
Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend
Results	Type	Depth				
	ES	0.30	(0.30)	43.21	MADE GROUND: Medium dense dark grey sandy angular to subangular fine to coarse GRAVEL of crushed concrete. Sand is fine to coarse. Occasional brick and metal fragments.	
	D	0.50	(0.70)		MADE GROUND: Medium dense yellowish brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
	B	0.80				
	B	1.50	(1.50)	42.51	MADE GROUND: Medium dense orangish brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
	B	2.80	(0.50)	41.01	MADE GROUND: Firm dark greyish silty sandy CLAY Sand is fine to coarse.	
					End of Trial Pit at 3.00m	

Remarks

Pit Stability: Stable	
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.	

Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 19/07/2022		Hole Type TP
Client Canford Renewable Energy		Co-ords E: 403364.80 N: 96622.75 L: 43.40	Water Strike Details		Logged By KT
Contractor Honeybun Plant Hire			Plant Used Komatsu PC130	Depth Strike	Remarks
Scale 1:50					

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend
Results	Type	Depth				
			(0.40)	43.00	MADE GROUND: Medium dense dark grey sandy angular to subangular fine to coarse GRAVEL of crushed concrete. Sand is fine to coarse. Occasional brick and metal fragments.	
			0.40 (0.20) 0.60	42.80	MADE GROUND: Medium dense yellowish brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
			1 (1.20)		MADE GROUND: Medium dense orangish brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
			1.80 (0.50)	41.60	MADE GROUND: Firm dark greyish silty sandy CLAY Sand is fine to coarse.	
			2.30	41.10	End of Trial Pit at 2.30m	
			3			
			4			

Remarks Unstable. Side wall collapse.	
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.	

Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 19/07/2022		Hole Type TP
Client Canford Renewable Energy		Co-ords E: 403356.30 N: 96704.80 L: 44.34	Water Strike Details		Logged By WS
Contractor Honeybun Plant Hire			Plant Used Komatsu PC130	Depth Strike 3.50	Remarks Seepage
Scale 1:50					

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend
Results	Type	Depth				
	B	0.20	(0.40)		MADE GROUND: Medium dense light grey sandy angular to subrounded fine to coarse GRAVEL of crushed concrete, flint, brick and asphalt. Sand is fine to coarse.	
	ES	0.30		43.94		
	B	0.50	(0.40)		MADE GROUND: Medium dense brownish orange gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	
				43.54		
	B	1.00	(0.60)	1	MADE GROUND: Loose sandy angular to subangular fine to coarse GRAVEL of crushed concrete, stone and brick. Sand is fine to coarse. Frequent bricks, rebar, wires and timber. Rare concrete boulders.	
				42.94		
	B	1.50	(1.00)	2	MADE GROUND: Firm blackish grey silty sandy CLAY with frequent branches. Sand is fine to coarse. Organic odour.	
				41.94		
			(2.10)	3	MADE GROUND: Loose orangish brown slightly gravelly silty medium to coarse SAND. Gravel is subangular fine to coarse flint. Occasional clumps of firm grey slightly silty CLAY.	
	B	4.00		4	End of Trial Pit at 4.50m	
	ES	4.50	4.50	39.84		

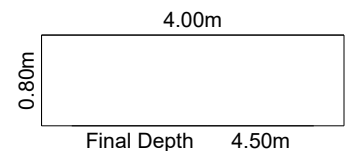
Trial Pit Photographs



Remarks

Pit Stability: Unstable. Large side wall collapse

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 19/07/2022 to 19/07/2022	Hole Type TP	
Client Canford Renewable Energy		Co-ords E: 403499.10 N: 96730.21 L: 42.85	Water Strike Details		Logged By WS
Contractor Honeybun Plant Hire			Plant Used Komatsu PC130	Depth Strike 2.00	Remarks Fast inflow
					Scale 1:50

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend
Results	Type	Depth				
	ES	0.10	(0.20) 0.20	42.65	Medium dense light grey sandy angular to subangular fine to coarse GRAVEL of crushed concrete. Sand is fine to coarse. Occasional brick fragments. (FILL)	[Cross-hatched pattern]
	B	1.00	(2.50)		Loose brownish grey angular to well rounded fine to coarse sandy GRAVEL of crushed concrete, brick, flint and asphalt. Medium cobble content. (FILL)	
	B	3.00	2.70 (0.30)	40.15 39.85	Loose dark brown slightly silty fine to medium SAND with rare subangular fine flint gravel. (MADE GROUND)	[Dotted pattern]
					End of Trial Pit at 3.00m	

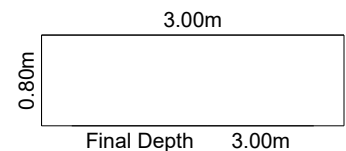
Trial Pit Photographs



Remarks

Pit Stability: Unstable. Small side wall collapse during BRE365 infiltration testing.

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.





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Borehole No.

WS01

Sheet 1 of 1

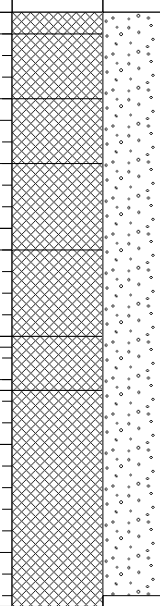
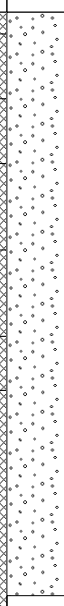
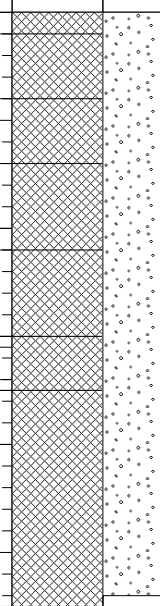
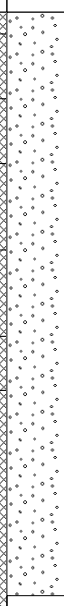
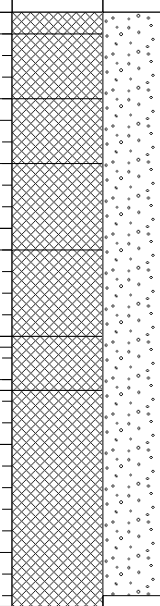
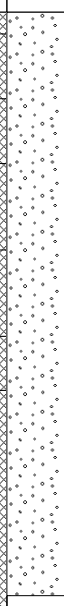
Project Name Canford Energy Park		Project No. EX-21-001	Date 04/07/2022 to 04/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403492.10 N: 96684.72 L: 43.47	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=74 (13,16/17,18,19,20)	ES	0.10 - 0.30	(0.40)		MADE GROUND: Brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including brick, glass, and concrete. Sand is fine to coarse.		
	ES	0.40 - 0.60	0.40	43.07	MADE GROUND: Orangeish brown gravelly SAND. Sand is fine to medium. Gravel is angular to subrounded, fine to coarse of flint.		
	SPT(C)	1.00	1	1.00	42.47	End of Borehole at 1.00m	
				2			
				3			
				4			
				5			
				6			

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 06/07/2022 to 06/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403467.80 N: 96667.12 L: 43.49	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
					Approved By TC	
					Scale 1:50	

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=8 (2,2/2,2,2,2)	ES SPT(C)	0.80 - 1.00	(0.10)	43.39	MADE GROUND: Red sandy GRAVEL. Gravel is angular, fine to medium of mixed materials. Sand is fine to coarse.		
			0.10				
			(0.30)	43.09	MADE GROUND: Brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including brick. Sand is fine to coarse.		
			0.40				
			(0.30)	42.79	MADE GROUND: Brown slightly sandy silty GRAVEL. Gravel is angular, fine to coarse of mixed material including concrete and wood. Sand is fine to coarse.		
N=12 (5,7/3,3,3,3)	ES SPT(C)	1.50 - 1.75	(0.40)	42.39	MADE GROUND: Firm blackish grey closely fissured CLAY with common wood pieces.		
			1.10	42.39	MADE GROUND: Soft grey mottled orange sandy CLAY. Sand is fine to coarse.		
			(0.25)	41.99	MADE GROUND: Black gravelly SAND. Gravel is rounded, fine to medium of mixed material.		
0 (14,50/0 for 0mm)	SPT(C)	2.00	1.50	41.99	MADE GROUND: Orangeish brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is subangular to rounded of flint.		
			(0.25)	41.74			
		2.70	(1.00)	40.74	End of Borehole at 2.75m		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 06/07/2022 to 06/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403429.00 N: 96652.93 L: 44.30	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
					Approved By TC	
					Scale 1:50	

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=31 (10,12/11,9,6,5)	ES	0.50 - 0.80	(1.00)		MADE GROUND: Greyish brown sandy GRAVEL with some cobbles of concrete. Gravel is angular, fine to coarse of mixed materials including asphalt and concrete. Sand is fine to coarse.		
	SPT(C)	1.00	1	1.00 (0.30)	43.30	No recovery.	
N=58 (12,12/13,14,16,15)	ES	1.30 - 1.60		1.30 (0.30)	43.00	MADE GROUND: Grey sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including brick, concrete, and plastic sheeting. Sand is fine to coarse.	
				1.60 (0.35)	42.70	MADE GROUND: Firm grey closely fissured CLAY.	
	SPT(C)	2.00	2	1.95 (0.05)	42.35	MADE GROUND: Orangeish brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is subangular to rounded of flint.	
				2.00	42.30	End of Borehole at 2.00m	
				3			
				4			
				5			
				6			

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 06/07/2022 to 06/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403368.80 N: 96636.87 L: 43.90	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=65 (12,14/16,17,16,16)	ES	0.30 - 0.50	(0.20) 0.20	43.70	MADE GROUND: Grey sandy GRAVEL. Gravel is angular, fine to medium of mixed material including flint. Sand is fine to coarse.		
	ES	0.60 - 0.80	(0.40) 0.60	43.30	MADE GROUND: Brown very sandy GRAVEL. Gravel is subangular, fine to medium of flint. Sand is fine to coarse.		
	SPT(C)	1.00	(0.40) 1.00	42.90	MADE GROUND: Firm becoming soft blackish grey slightly sandy gravelly SILT. Sand is fine to coarse. Gravel is angular, fine to coarse of wood, concrete, flint, and chalk. <small>0.60 to 0.60m - geotextile</small>		
					End of Borehole at 1.00m		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 06/07/2022 to 06/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403355.50 N: 96682.88 L: 44.17	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=8 (3,4/2,2,2,2)	ES SPT(C)	1.00 - 1.20 1.00	(0.40)	43.77	MADE GROUND: Black sandy GRAVEL. Gravel is angular, fine to coarse of asphalt, concrete, and brick. Sand is fine to coarse.		
			0.40		MADE GROUND: Orangeish brown gravelly SAND. Sand is fine to coarse. Gravel is subangular to rounded, fine to medium of flint.		
	ES	1.40 - 1.60	(0.45)	43.32	MADE GROUND: Stiff becoming soft greyish brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is angular, fine to medium of mixed materials.		
			0.85		0.70 to 0.85m - becoming greyish brown		
			(0.55)	42.77	MADE GROUND: Black slightly gravelly sandy SILT with wood pieces and a strong organic odour. Sand is fine to coarse. Gravel is angular, fine to medium of mixed material including concrete and brick.		
			1.40	42.57	MADE GROUND: Stiff light brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is angular, fine to coarse of mixed material including concrete.		
			1.60	42.47	End of Borehole at 1.70m		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 06/07/2022 to 06/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403395.20 N: 96747.31 L: 45.09	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=27 (6,6/7,7,6,7)	ES	0.30 - 0.60	(0.30)	44.79	MADE GROUND: Black sandy GRAVEL. Gravel is angular, fine to medium of mixed material including concrete and brick. Sand is fine to coarse.		
			0.30				
ES SPT(C)	0.90 - 1.10	1.00	(0.30)	44.49	MADE GROUND: Black slightly gravelly SAND with some wood fragments and a strong organic odour. Sand is fine to medium. Gravel is angular, fine to medium of mixed material.		
			0.60				
N=66 (12,17/16,17,16,17)	SPT(C)	1.60	(1.00)	43.49	MADE GROUND: Light brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is angular, fine to medium of flint and chalk.		
			1.60				
					0.90 to 1.00m - becoming orange		
					1.10 to 1.30m - becoming blueish grey		
					1.35 to 1.40m - becoming orange		
					1.55 to 1.60m - becoming gravelly		
					End of Borehole at 1.60m		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 04/07/2022 to 04/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403421.30 N: 96767.84 L: 44.95	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=36 (9,9/7,9,11,9)	ES	0.30 - 1.00	(0.05)	44.90	MADE GROUND: Brown sandy GRAVEL with some rootlets. Gravel is angular, fine to medium of mixed lithologies including flint and brick.		
			(0.25)	44.65	MADE GROUND: Dark brown slightly sandy silty GRAVEL. Gravel is angular, fine to medium of mixed materials. Sand is fine to coarse.		
N=36 (9,9/7,9,11,9)	SPT(C)	1.00	(0.70)		MADE GROUND: Dark brown becoming black slightly sandy gravelly SILT. Sand is fine to coarse. Gravel is angular, fine to coarse of mixed materials including wood and wood.		
			1.00	43.95	MADE GROUND: Orangeish brown slightly gravelly SAND. Sand is fine to medium. Gravel is angular, fine to coarse of mixed materials including flint and wood.		
			1.20	43.75	MADE GROUND: Brown slightly sandy GRAVEL. Gravel is subangular, fine to coarse of flint.		
			(0.05)	43.70			
End of Borehole at 1.25m							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 04/07/2022 to 04/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403460.40 N: 96753.73 L: 43.18	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
71 (16,18/71 for 225mm)	ES	0.45 - 0.65	(0.05)	43.13	Grey ASPHALT		
			0.05	43.03	MADE GROUND: Red slightly sandy clayey GRAVEL. Gravel is angular, fine to medium of mixed materials.		
			0.15		MADE GROUND: Brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including brick.		
			(0.30)	42.73	MADE GROUND: Black slightly silty sandy GRAVEL. Gravel is angular, fine to coarse of mixed material including glass, brick, and wood.		
			0.45		MADE GROUND: Yellow slightly silty SAND. Sand is fine to coarse.		
	ES	0.75 - 1.00	0.65	42.53	MADE GROUND: Dark brown silty GRAVEL. Gravel is angular, fine to coarse of mixed lithologies including brick and wood.		
			(0.10)	42.43			
			0.75				
	SPT(C)	1.00	(0.25)				
			1.00	42.18	End of Borehole at 1.00m		

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 04/07/2022 to 04/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403456.50 N: 96715.83 L: 43.63	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
					Approved By TC	
					Scale 1:50	

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
71 (12,17/71 for 225mm)	ES	0.20 - 0.30	(0.15)	43.48	MADE GROUND: Brown gravelly SAND. Sand is fine to coarse. Gravel is angular, fine to coarse of mixed materials including flint and brick.		
			(0.35)				
	SPT(C)	1.00	(0.50)	43.13	MADE GROUND: Light brown slightly gravelly SAND. Sand is fine to medium. Gravel is subangular, fine to medium of flint.		
			(0.50)				
			1	1.00	42.63	End of Borehole at 1.00m	
			2				
			3				
			4				
			5				
			6				

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 04/07/2022 to 04/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403488.80 N: 96736.30 L: 42.85	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
68 (15,16/68 for 150mm)	ES	0.20 - 0.30	(0.10) 0.10	42.75	MADE GROUND: Reddish brown slightly silty slightly sandy GRAVEL. Gravel is angular, fine to coarse of brick and concrete. MADE GROUND: Brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including brick and concrete.		
	SPT(C)	0.80	(0.70)	42.05			
			(0.20) 1.00	41.85	MADE GROUND: Black gravelly SAND. Sand is fine to coarse. Gravel is angular, fine to medium of mixed materials including wood.		
End of Borehole at 1.00m							
2							
3							
4							
5							
6							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



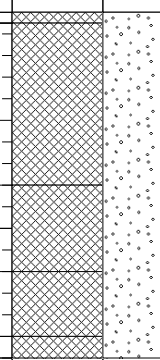
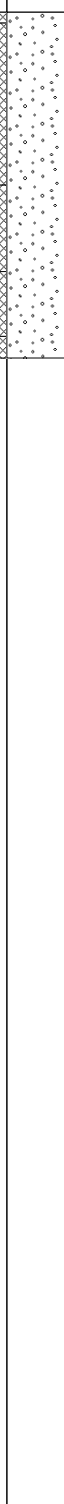
Project Name Canford Energy Park		Project No. EX-21-001	Date 05/07/2022 to 05/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403360.00 N: 96720.00 L:	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=36 (8,8/9,9,9,9)	ES	0.40 - 0.60	(0.30)		MADE GROUND: Dark brown slightly sandy silty GRAVEL. Gravel is angular, fine to medium of mixed materials. Sand is fine to coarse.		
					MADE GROUND: Dark brown becoming black slightly sandy gravelly SILT. Sand is fine to coarse. Gravel is angular, fine to coarse of mixed materials including wood and wood.		
	SPT(C)	1.00	(0.50)	1	MADE GROUND: Orangeish brown slightly gravelly SAND. Sand is fine to medium. Gravel is angular, fine to coarse of mixed materials including flint and wood.		
	ES	1.25 - 1.50	(0.45)		MADE GROUND: Brown, blue and black sandy GRAVEL. Gravel is subangular, fine to coarse of flint.		
51 (12,16/51 for 150mm)	SPT(C)	1.50	1.50		End of Borehole at 1.50m		
<small>1.45 to 1.50m - becoming less sandy</small>							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.





Project Name Canford Energy Park		Project No. EX-21-001	Date 05/07/2022 to 05/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403380.60 N: 96703.60 L:	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	
						Approved By TC
						Scale 1:50

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
	ES	0.05	(0.05)		MADE GROUND: Orange brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials. MADE GROUND: Black slightly gravelly SAND. Sand is fine. Gravel is angular, fine to coarse of clinker and asphalt. <i>0.05 to 0.05m - cobble of potential asbestos</i>		
	ES	0.20 - 0.40	0.05	(0.75)			
N=28 (6,7/7,7,7,7)	SPT(C)	1.00	1	(0.40)	MADE GROUND: Orangeish brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is angular, fine to medium of mixed materials including clinker, wood, brick, and flint.		
				1.20	MADE GROUND: Very stiff grey closely fissured CLAY.		
51 (8,17/51 for 150mm)	SPT(C)	1.60	1.50	(0.10)	MADE GROUND: Brown gravelly SAND. Sand is fine to coarse. Gravel is subangular to rounded, fine to medium of flint.		
			1.60		End of Borehole at 1.60m		
				2			
				3			
				4			
				5			
				6			

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Project Name Canford Energy Park		Project No. EX-21-001	Date 05/07/2022 to 05/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403387.20 N: 96695.80 L:	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike 1.80	Time Elapsed 30	Rose To 1.00
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=28 (8,6/7,7,7,7)	ES SPT(C)	1.00 - 1.20 1.00	(0.10)	1	MADE GROUND: Orange brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials.		
			0.10				
			(0.20)				
			0.30				
			(0.55)				
N=60 (9,9/14,15,14,17)	ES SPT(C)	1.80 - 2.00 2.00	0.85	2	MADE GROUND: Orangeish brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is angular, fine to medium of mixed materials including clinker, wood, brick, and flint.		
			(0.35)				
			1.20				
			(0.60)				
			1.80				
			2.00		MADE GROUND: Firm becoming soft grey mottled light grey closely fissured CLAY.		
					MADE GROUND: Blackish brown gravelly SAND. Sand is fine to coarse. Gravel is angular, fine to medium of flint and wood.		
					1.70 to 1.75m - cobble of wood		
End of Borehole at 2.00m							

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 05/07/2022 to 05/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403405.80 N: 96673.70 L:	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
Approved By TC						
Scale 1:50						

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=28 (6,6/7,7,7,7)	SPT(C)	1.00	(0.80)	1	MADE GROUND: Orangeish brown slightly gravelly silty SAND. Sand is fine to coarse. Gravel is angular, fine to medium of mixed materials including clinker, wood, brick, and flint.	[Cross-hatched pattern]	[Dotted pattern]
	ES	1.30 - 1.50	(0.70)	1	MADE GROUND: Light brown silty SAND with some wood fragments up to 30 mm in size. Sand is fine to coarse.		
52 (17,18/52 for 150mm)	SPT(C)	1.50	(0.10)	1.50	MADE GROUND: Dark brown sandy GRAVEL. Gravel is angular, fine to coarse of mixed materials including concrete, clinker, and brick. End of Borehole at 1.60m	[Cross-hatched pattern]	[Dotted pattern]
			1.60	1.60			

Remarks	Borehole Diameter	
	Base Depth	Diameter

Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.



Project Name Canford Energy Park		Project No. EX-21-001	Date 05/07/2022 to 05/07/2022		Hole Type WS	
Client Canford Renewable Energy		Co-ords E: 403395.90 N: 96672.00 L:	Water Strike Details			Logged By HL
Contractor ADS Ltd.			Plant Used Dando Terrier	Depth Strike	Time Elapsed	Rose To
					Approved By TC	
					Scale 1:50	

Samples and Results			Depth, (Thickness)	Level	Stratum Description	Legend	Well
Results	Type	Depth					
N=27 (6,6/7,6,7,7)	SPT(C)	1.00	(0.60)		MADE GROUND: Brown silty sandy GRAVEL. Gravel is angular, fine to coarse of concrete, flint and brick. Sand is fine to coarse.		
			0.60		MADE GROUND: Soft blueish becoming orangeish grey slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is angular, fine to medium of concrete, wood, and brick. <i>0.70 to 0.80m - band of black sandy SILT</i>		
58 (15,18/58 for 150mm)	ES SPT(C)	1.80 - 1.95 2.00	1.80	1			
			(0.20) 2.00	2	MADE GROUND: Black sandy GRAVEL. Gravel is angular, fine to coarse of concrete and brick. Sand is fine to coarse. <i>1.95 to 2.00m - cobble of brick</i>		
					End of Borehole at 2.00m		
				3			
				4			
				5			
				6			

Remarks	Borehole Diameter	
	Base Depth	Diameter

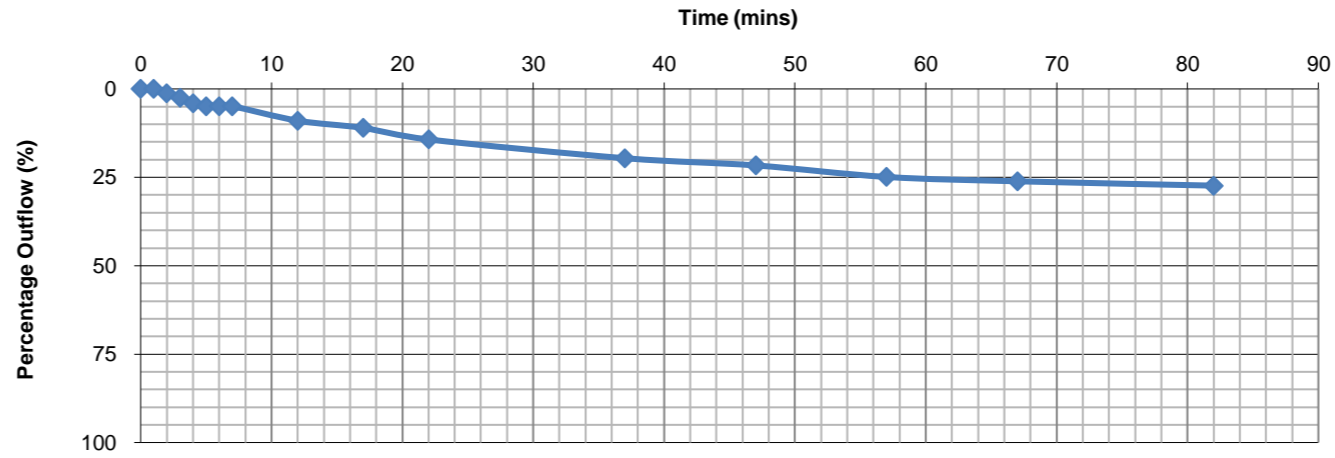
Notes: For all symbols and abbreviations please see key sheet. All depths and measurements in metres. Stratum thicknesses given in brackets.

Annex C: In-situ Test Results

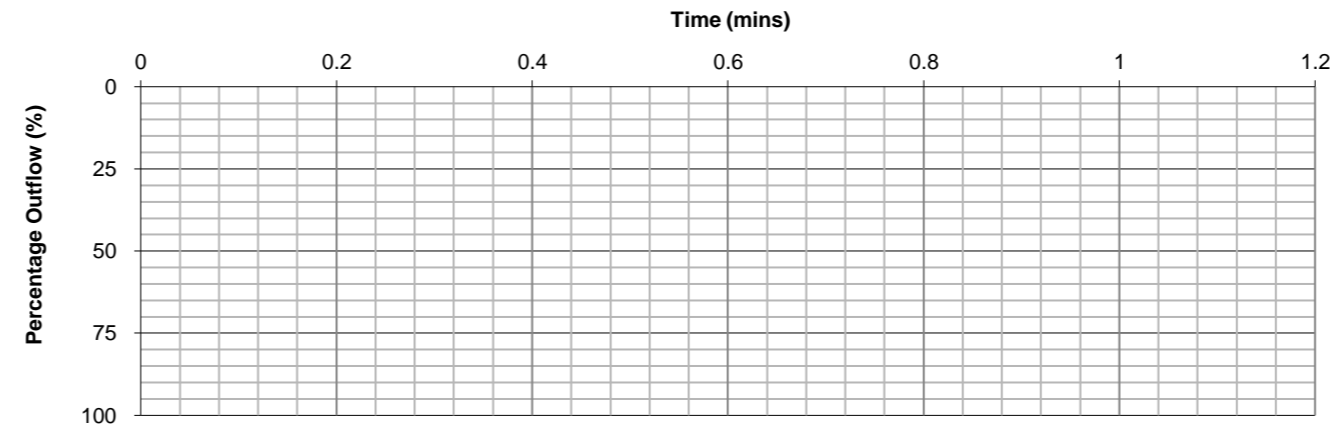


Site Name: CANFORD PARK	Job No.: EX-21-001	Date Undertaken: 18/07/2022
Trial Pit No.: TP09	Engineer: WS	

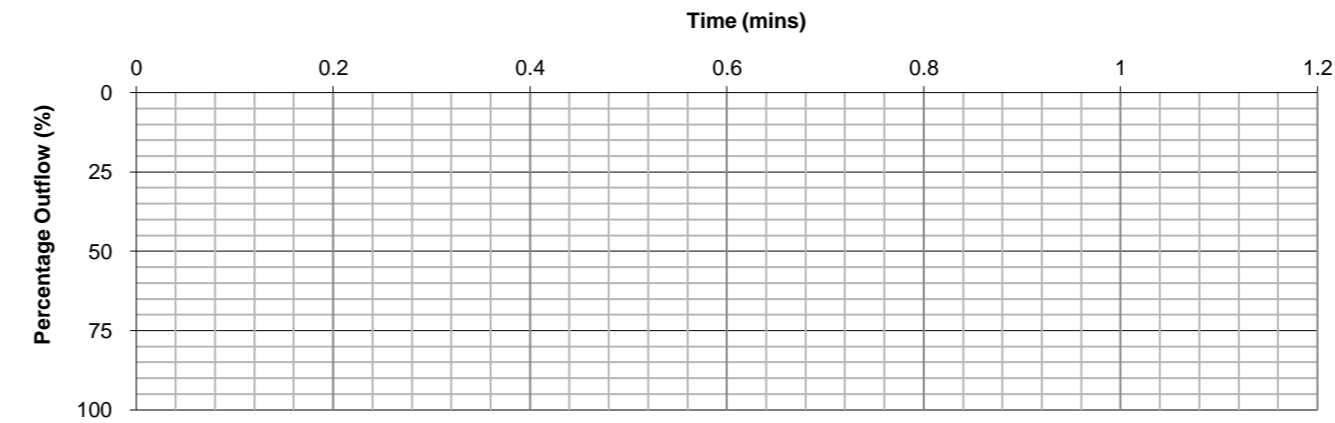
TEST NUMBER: T1
 VP25 (mBGL): 1.1625
 VP75 (mBGL): 2.3875
 VP25 (Mins): #NUM!
 VP27 (Mins): #DIV/0!
INFILTRATION RATE (m/s): #DIV/0!
Drainage Field VP: -



TEST NUMBER: T2
 VP25: 0
 VP75: 0
 VP25 (Mins): #NUM!
 VP27 (Mins): #NUM!
INFILTRATION RATE (m/s): #NUM!
Drainage Field VP: -



TEST NUMBER: T3
 VP25: 0
 VP75: 0
 VP25 (Mins): #NUM!
 VP27 (Mins): #NUM!
INFILTRATION RATE (m/s): #NUM!
Drainage Field VP: -



REMARKS: Test carried out in accordance with BRE Digest 365 (2016)

Annex D: Chemical Test Results



Final Report

Report No.: 22-26298-1

Initial Date of Issue: 26-Jul-2022

Client: Terra Firma

Client Address: t/a Terra Firma
The Slate Barn
Lower Lowley
Dunsford
Devon
EX6 7BP

Contact(s): Info

Project: EX-21-001 Canford Energy Park


Quotation No.: **Date Received:** 12-Jul-2022

Order No.: EX-21-001 **Date Instructed:** 12-Jul-2022

No. of Samples: 30

Turnaround (Wkdays): 6 **Results Due:** 19-Jul-2022

Date Approved: 26-Jul-2022

Approved By:


Details: Stuart Henderson, Technical Manager

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466255	1466256	1466257	1466258	1466259	1466260	1466261	1466262	1466263	
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	2	1	2	
		Sample Location:		WS01	WS01	WS02	WS02	WS03	WS03	WS06	WS07	WS07	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.40	0.10	0.80	1.50	0.50	1.30	2.05	0.30	0.60	
		Bottom Depth (m):		0.60	0.30	1.00	1.75	0.80	1.60	2.15	0.50	0.80	
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM			DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	
Moisture	N	2030	%	0.020	9.0	6.8	21	16	6.5	17	31	6.2	13
Chromatogram (TPH)	N			N/A	See Attached	See Attached	See Attached		See Attached			See Attached	See Attached
pH	M	2010		4.0	[A] 9.5	[A] 9.0	[A] 7.3	[A] 6.1	[A] 10.1	[A] 7.9	[A] 7.5	[A] 7.8	[A] 8.5
Cyanide (Total)	M	2300	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Sulphate (Total)	U	2430	%	0.010	[A] 0.093	[A] 0.25	[A] 0.090	[A] 0.24	[A] 0.25	[A] 0.24	[A] 0.35	[A] 0.016	[A] 0.15
Arsenic	M	2455	mg/kg	0.5	8.7	2.3	3.5	3.2	2.5	3.7	6.5	4.9	4.1
Cadmium	M	2455	mg/kg	0.10	0.11	< 0.10	0.12	< 0.10	< 0.10	0.15	< 0.10	0.12	< 0.10
Chromium	M	2455	mg/kg	0.5	14	4.6	9.6	8.4	4.2	9.1	16	16	8.1
Copper	M	2455	mg/kg	0.50	19	4.6	11	4.4	2.9	11	4.6	11	4.2
Mercury	M	2455	mg/kg	0.05	0.10	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	M	2455	mg/kg	0.50	10	3.5	6.2	2.2	4.2	7.3	1.9	8.4	3.6
Lead	M	2455	mg/kg	0.50	57	24	32	11	21	30	14	20	5.2
Selenium	M	2455	mg/kg	0.25	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.36	0.41	< 0.25
Zinc	M	2455	mg/kg	0.50	55	20	64	11	27	44	6.3	40	16
Chromium (Trivalent)	N	2490	mg/kg	1.0	14	4.6	9.6	8.4	4.2	9.1	16	16	8.1
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	[A] < 0.40	[A] 2.2	[A] 1.3	[A] 3.6	[A] 2.1	[A] 1.3	[A] 2.9	[A] 0.41	[A] 1.2
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0		[A] < 5.0	[A] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] 2000	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] 41	[A] < 1.0		[A] < 1.0	[A] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] 2000	[A] < 5.0		[A] < 5.0	[A] < 5.0

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.: 22-26298											
Quotation No.:		Chemtest Sample ID.:											
Order No.: EX-21-001		Client Sample Ref.:											
		Sample Location:											
		Sample Type:											
		Top Depth (m):											
		Bottom Depth (m):											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] 2000	[A] < 10		[A] < 10	[A] < 10
Naphthalene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Acenaphthylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Acenaphthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Fluorene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Phenanthrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 0.42	[A] < 0.10	[A] < 0.10	[A] 0.37	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 0.22	[A] < 0.10	[A] < 0.10	[A] 0.20	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Fluoranthene	M	2700	mg/kg	0.10	[A] 0.77	[A] 1.1	[A] 0.30	[A] < 0.10	[A] 1.5	[A] < 0.10	[A] 0.92	[A] < 0.10	[A] 0.57
Pyrene	M	2700	mg/kg	0.10	[A] 0.81	[A] 1.2	[A] 0.47	[A] < 0.10	[A] 1.7	[A] < 0.10	[A] 0.88	[A] < 0.10	[A] 0.57
Benzo[a]anthracene	M	2700	mg/kg	0.10	[A] 0.25	[A] 0.48	[A] < 0.10	[A] < 0.10	[A] 1.0	[A] < 0.10	[A] 0.29	[A] < 0.10	[A] 0.28
Chrysene	M	2700	mg/kg	0.10	[A] 0.38	[A] 0.66	[A] < 0.10	[A] < 0.10	[A] 1.1	[A] < 0.10	[A] 0.82	[A] < 0.10	[A] 0.54
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 2.0	[A] < 0.10	[A] < 0.10	[A] 1.9	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 0.91	[A] < 0.10	[A] < 0.10	[A] 0.68	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Benzo[a]pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 1.5	[A] < 0.10	[A] < 0.10	[A] 1.6	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Total Of 16 PAH's	M	2700	mg/kg	2.0	[A] 2.2	[A] 8.5	[A] < 2.0	[A] < 2.0	[A] 10	[A] < 2.0	[A] 2.9	[A] < 2.0	[A] < 2.0
Dichlorodifluoromethane	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Chloromethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromomethane	M	2760	µg/kg	20		[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20
Chloroethane	U	2760	µg/kg	2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0		[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Trichloromethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Benzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichloroethene	N	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Dibromomethane	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466255	1466256	1466257	1466258	1466259	1466260	1466261	1466262	1466263
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	2	1	2
		Sample Location:		WS01	WS01	WS02	WS02	WS03	WS03	WS06	WS07	WS07
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.40	0.10	0.80	1.50	0.50	1.30	2.05	0.30	0.60
		Bottom Depth (m):		0.60	0.30	1.00	1.75	0.80	1.60	2.15	0.50	0.80
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM			DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD								
Bromodichloromethane	M	2760	µg/kg	5.0		[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10		[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Toluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10		[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10		[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Tetrachloroethene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10		[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0		[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Styrene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50		[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50		[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Phenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466255	1466256	1466257	1466258	1466259	1466260	1466261	1466262	1466263
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	2	1	2
		Sample Location:		WS01	WS01	WS02	WS02	WS03	WS03	WS06	WS07	WS07
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.40	0.10	0.80	1.50	0.50	1.30	2.05	0.30	0.60
		Bottom Depth (m):		0.60	0.30	1.00	1.75	0.80	1.60	2.15	0.50	0.80
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM			DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD								
2-Chlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Nitrobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Isophorone	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Naphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Acenaphthylene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Acenaphthene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Dibenzofuran	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Fluorene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466255	1466256	1466257	1466258	1466259	1466260	1466261	1466262	1466263
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	2	1	2
		Sample Location:		WS01	WS01	WS02	WS02	WS03	WS03	WS06	WS07	WS07
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.40	0.10	0.80	1.50	0.50	1.30	2.05	0.30	0.60
		Bottom Depth (m):		0.60	0.30	1.00	1.75	0.80	1.60	2.15	0.50	0.80
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM			DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD								
4-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Azobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Phenanthrene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] 0.81
Anthracene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Carbazole	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.57		[A] < 0.50	[A] 3.0
Pyrene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.52		[A] < 0.50	[A] 2.7
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.51		[A] < 0.50	[A] 1.3
Chrysene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.55		[A] < 0.50	[A] 1.3
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.78		[A] < 0.50	[A] 0.62
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] 0.65
Benzo[a]pyrene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] 0.59		[A] < 0.50	[A] 1.2
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] 0.72
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] 0.75
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.0	< 0.10

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma	Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:	Chemtest Sample ID.:		1466264	1466265	1466266	1466267	1466268	1466269	1466270	1466271	1466272	
Order No.: EX-21-001	Client Sample Ref.:		1	2	1	2	1	1	2	1	1	
	Sample Location:		WS09	WS09	WS13	WS14	WS14	WS15	WS17	WS17	WS19	
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):		1.00	1.4	0.30	0.90	0.30	0.30	0.75	0.45	0.20	
	Bottom Depth (m):		1.20	1.60	0.50	1.10	0.60	1.00	1.00	0.65	0.30	
	Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A	-		-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	13	23	9.2	11	16	20	12	6.3
Chromatogram (TPH)	N			N/A			See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
pH	M	2010		4.0	[A] 8.6	[A] 8.1	[A] 8.7	[A] 5.9	[A] 6.6	[A] 7.3	[A] 7.8	[A] 8.2
Cyanide (Total)	M	2300	mg/kg	0.50	[A] 1.1	[A] < 0.50	[A] 0.90	[A] 0.60	[A] 0.70	[A] 1.0	[A] 1.0	[A] < 0.50
Sulphate (Total)	U	2430	%	0.010	[A] 0.13	[A] 0.27	[A] 0.25	[A] 0.020	[A] 0.034	[A] 0.046	[A] 0.26	[A] 0.19
Arsenic	M	2455	mg/kg	0.5	5.4	4.1	5.1	3.5	5.2	2.3	6.0	2.6
Cadmium	M	2455	mg/kg	0.10	0.11	< 0.10	0.21	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chromium	M	2455	mg/kg	0.5	16	11	16	8.8	10	4.0	9.7	7.8
Copper	M	2455	mg/kg	0.50	14	8.9	23	8.5	4.9	1.4	4.8	12
Mercury	M	2455	mg/kg	0.05	0.05	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	0.25
Nickel	M	2455	mg/kg	0.50	7.4	5.2	8.7	5.8	5.0	1.3	4.9	4.6
Lead	M	2455	mg/kg	0.50	26	22	51	44	6.4	8.3	22	42
Selenium	M	2455	mg/kg	0.25	0.45	< 0.25	0.29	< 0.25	< 0.25	< 0.25	0.29	< 0.25
Zinc	M	2455	mg/kg	0.50	50	39	68	49	12	6.0	23	57
Chromium (Trivalent)	N	2490	mg/kg	1.0	16	11	16	8.8	10	4.0	9.7	7.8
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	[A] 1.1	[A] 3.3	[A] 1.6	[A] < 0.40	[A] 4.1	[A] 5.2	[A] 3.3	[A] 7.9
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] 670
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] 870
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] 490
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] 870

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	
Quotation No.:		Chemtest Sample ID.:		1466264	1466265	1466266	1466267	1466268	1466269	1466270	1466271	1466272		
Order No.: EX-21-001		Client Sample Ref.:		1	2	1	2	1	1	2	1	1		
		Sample Location:		WS09	WS09	WS13	WS14	WS14	WS15	WS17	WS17	WS19		
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
		Top Depth (m):		1.00	1.4	0.30	0.90	0.30	0.30	0.75	0.45	0.20		
		Bottom Depth (m):		1.20	1.60	0.50	1.10	0.60	1.00	1.00	0.65	0.30		
		Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD										
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] 870	[A] 1200	
Naphthalene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.33	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.11	[A] < 0.10	[A] 1.6	
Acenaphthylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.27	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.33	[A] < 0.10	[A] 0.72	
Acenaphthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.52	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.68	[A] < 0.10	[A] 2.3	
Fluorene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.60	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.64	[A] < 0.10	[A] 2.1	
Phenanthrene	M	2700	mg/kg	0.10	[A] 0.36	[A] 1.8	[A] 5.0	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 7.6	[A] 2.7	[A] 13	
Anthracene	M	2700	mg/kg	0.10	[A] 0.17	[A] 0.52	[A] 1.8	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 2.4	[A] 1.6	[A] 3.6	
Fluoranthene	M	2700	mg/kg	0.10	[A] 1.3	[A] 2.2	[A] 7.3	[A] 0.23	[A] < 0.10	[A] < 0.10	[A] 14	[A] 6.2	[A] 20	
Pyrene	M	2700	mg/kg	0.10	[A] 1.2	[A] 2.1	[A] 7.0	[A] 0.26	[A] < 0.10	[A] < 0.10	[A] 13	[A] 6.8	[A] 17	
Benzo[a]anthracene	M	2700	mg/kg	0.10	[A] 0.52	[A] 1.3	[A] 3.0	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 7.0	[A] 4.6	[A] 9.4	
Chrysene	M	2700	mg/kg	0.10	[A] 0.80	[A] 2.4	[A] 3.6	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 6.3	[A] 4.1	[A] 8.3	
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	[A] 0.83	[A] 2.6	[A] 3.8	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 9.6	[A] 8.4	[A] 13	
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	[A] 0.27	[A] 0.93	[A] 1.5	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 3.3	[A] 3.5	[A] 5.1	
Benzo[a]pyrene	M	2700	mg/kg	0.10	[A] 0.25	[A] 2.0	[A] 3.3	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 6.9	[A] 7.0	[A] 10	
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 2.0	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 4.9	[A] 5.5	[A] 7.8	
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.66	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 1.3	[A] 1.6	[A] 3.0	
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 2.3	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 5.0	[A] 8.3	[A] 10	
Total Of 16 PAH's	M	2700	mg/kg	2.0	[A] 5.7	[A] 16	[A] 43	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] 83	[A] 60	[A] 130	
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Chloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Vinyl Chloride	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Bromomethane	M	2760	µg/kg	20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	
Chloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	
Trichlorofluoromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,1-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,1-Dichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Bromochloromethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	
Trichloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Tetrachloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,1-Dichloropropene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Benzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,2-Dichloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	
Trichloroethene	N	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
1,2-Dichloropropane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Dibromomethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma	Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:	Chemtest Sample ID.:		1466264	1466265	1466266	1466267	1466268	1466269	1466270	1466271	1466272		
Order No.: EX-21-001	Client Sample Ref.:		1	2	1	2	1	1	2	1	1		
	Sample Location:		WS09	WS09	WS13	WS14	WS14	WS15	WS17	WS17	WS19		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Top Depth (m):		1.00	1.4	0.30	0.90	0.30	0.30	0.75	0.45	0.20		
	Bottom Depth (m):		1.20	1.60	0.50	1.10	0.60	1.00	1.00	0.65	0.30		
	Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD									
Bromodichloromethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Toluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Styrene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Phenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466264	1466265	1466266	1466267	1466268	1466269	1466270	1466271	1466272
Order No.: EX-21-001		Client Sample Ref.:		1	2	1	2	1	1	2	1	1
		Sample Location:		WS09	WS09	WS13	WS14	WS14	WS15	WS17	WS17	WS19
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.00	1.4	0.30	0.90	0.30	0.30	0.75	0.45	0.20
		Bottom Depth (m):		1.20	1.60	0.50	1.10	0.60	1.00	1.00	0.65	0.30
		Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD								
2-Chlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Nitrobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Isophorone	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Naphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Acenaphthylene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Acenaphthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Dibenzofuran	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Fluorene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466264	1466265	1466266	1466267	1466268	1466269	1466270	1466271	1466272
Order No.: EX-21-001		Client Sample Ref.:		1	2	1	2	1	1	2	1	1
		Sample Location:		WS09	WS09	WS13	WS14	WS14	WS15	WS17	WS17	WS19
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		1.00	1.4	0.30	0.90	0.30	0.30	0.75	0.45	0.20
		Bottom Depth (m):		1.20	1.60	0.50	1.10	0.60	1.00	1.00	0.65	0.30
		Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD								
4-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Azobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Phenanthrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 1.1	[A] 1.3
Anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Carbazole	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Fluoranthene	M	2790	mg/kg	0.50	[A] 0.79		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 1.2	[A] 3.3
Pyrene	M	2790	mg/kg	0.50	[A] 0.71		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 2.2	[A] 3.0
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 0.90	[A] 1.8
Chrysene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 0.89	[A] 1.9
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 1.3	[A] 3.0
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 1.1	[A] 0.98
Benzo[a]pyrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 0.91	[A] 2.3
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 0.62	[A] 1.6
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] 0.64	[A] 1.7
Total Phenols	M	2920	mg/kg	0.10	< 0.10	2.2	< 0.10	< 0.10	< 0.10	0.19	< 0.10	< 0.10

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma	Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:	Chemtest Sample ID.:		1466273	1466274	1466275	1466276	1466277	1466278	1466279	1466280	1466281		
Order No.: EX-21-001	Client Sample Ref.:		2	1	1	2	1	2	1	1	2		
	Sample Location:		WS20	WS20	WS21	WS21	WS22	WS23	WS23	WS24	WS24		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Top Depth (m):		0.60	0.30	0.40	1.25	1.10	0.20	0.05	1.00	1.80		
	Bottom Depth (m):		1.00	0.40	0.60	1.50	1.30	0.40	0.05	1.20	2.00		
	Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM	DURHAM	DURHAM	DURHAM			
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	2.9	7.2	24	11	10	8.5	12	13	9.6
Chromatogram (TPH)	N			N/A	See Attached	See Attached	See Attached			See Attached	See Attached		
pH	M	2010		4.0	[A] 8.2	[A] 9.2	[A] 7.8	[A] 6.4	[A] 7.8	[A] 9.5	[A] 8.7	[A] 8.2	[A] 8.6
Cyanide (Total)	M	2300	mg/kg	0.50	[A] < 0.50	[A] 0.70	[A] 0.90	[A] 1.3	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Sulphate (Total)	U	2430	%	0.010	[A] 0.16	[A] 0.50	[A] 0.21	[A] 0.025	[A] 0.069	[A] 0.055	[A] 0.063	[A] 0.24	[A] 0.11
Arsenic	M	2455	mg/kg	0.5	4.4	4.8	4.2	2.3	9.3	4.5	7.8	6.8	3.5
Cadmium	M	2455	mg/kg	0.10	0.16	0.20	0.16	< 0.10	< 0.10	< 0.10	0.11	0.12	0.20
Chromium	M	2455	mg/kg	0.5	11	9.9	11	4.2	16	11	250	190	17
Copper	M	2455	mg/kg	0.50	8.6	14	130	3.9	5.2	7.8	350	280	26
Mercury	M	2455	mg/kg	0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	M	2455	mg/kg	0.50	6.5	8.0	7.6	3.9	5.5	5.2	120	95	9.6
Lead	M	2455	mg/kg	0.50	21	33	60	12	7.0	12	17	18	16
Selenium	M	2455	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.28	0.27	0.29	0.28	0.31
Zinc	M	2455	mg/kg	0.50	38	76	78	8.5	14	22	69	66	50
Chromium (Trivalent)	N	2490	mg/kg	1.0	11	9.9	11	4.2	16	11	250	190	17
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	[A] 10	[A] 1.7	[A] 8.3	[A] < 0.40	[A] 1.5	[A] 1.7	[A] 2.9	[A] 5.0	[A] 0.78
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] 57	[A] < 1.0	[A] 160	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] 57	[A] < 5.0	[A] 160	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] 8.6	[A] < 1.0	[A] 18	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] 1500	[A] < 1.0	[A] 320	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] 1500	[A] < 5.0	[A] 340	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.: 22-26298											
Quotation No.:		Chemtest Sample ID.:											
Order No.: EX-21-001		Client Sample Ref.:											
		Sample Location:											
		Sample Type:											
		Top Depth (m):											
		Bottom Depth (m):											
		Asbestos Lab:											
Determinand	Accred.	SOP	Units	LOD									
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] 1500	[A] < 10	[A] 490	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Naphthalene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Acenaphthylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Acenaphthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Fluorene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10
Phenanthrene	M	2700	mg/kg	0.10	[A] 4.4	[A] 0.44	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 2.8	[A] < 0.10	[A] 1.6	[A] < 0.10
Anthracene	M	2700	mg/kg	0.10	[A] 2.9	[A] 0.25	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.79	[A] < 0.10	[A] 0.58	[A] < 0.10
Fluoranthene	M	2700	mg/kg	0.10	[A] 12	[A] 1.3	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 4.1	[A] 0.61	[A] 3.1	[A] < 0.10
Pyrene	M	2700	mg/kg	0.10	[A] 12	[A] 1.6	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 3.3	[A] 0.75	[A] 3.1	[A] < 0.10
Benzo[a]anthracene	M	2700	mg/kg	0.10	[A] 7.3	[A] 1.2	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 1.8	[A] < 0.10	[A] 1.8	[A] < 0.10
Chrysene	M	2700	mg/kg	0.10	[A] 8.6	[A] 1.5	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 2.6	[A] < 0.10	[A] 1.8	[A] < 0.10
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	[A] 12	[A] 1.5	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 1.8	[A] < 0.10	[A] 3.1	[A] < 0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	[A] 4.8	[A] 0.96	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.68	[A] < 0.10	[A] 1.0	[A] < 0.10
Benzo[a]pyrene	M	2700	mg/kg	0.10	[A] 9.9	[A] 2.0	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 1.1	[A] < 0.10	[A] 2.5	[A] < 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	[A] 7.7	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 1.7	[A] < 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	[A] 2.0	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 0.74	[A] < 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	[A] 11	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] < 0.10	[A] 3.2	[A] < 0.10
Total Of 16 PAH's	M	2700	mg/kg	2.0	[A] 95	[A] 11	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] 19	[A] < 2.0	[A] 24	[A] < 2.0
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Chloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromomethane	M	2760	µg/kg	20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20	[A] < 20
Chloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Trichloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Benzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Dibromomethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466273	1466274	1466275	1466276	1466277	1466278	1466279	1466280	1466281	
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	1	1	2	
		Sample Location:		WS20	WS20	WS21	WS21	WS22	WS23	WS23	WS24	WS24	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.60	0.30	0.40	1.25	1.10	0.20	0.05	1.00	1.80	
		Bottom Depth (m):		1.00	0.40	0.60	1.50	1.30	0.40	0.05	1.20	2.00	
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD									
Bromodichloromethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Toluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10	[A] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Styrene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50	[A] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50		
Phenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50		

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:		1466273	1466274	1466275	1466276	1466277	1466278	1466279	1466280	1466281
Order No.: EX-21-001		Client Sample Ref.:		2	1	1	2	1	2	1	1	2
		Sample Location:		WS20	WS20	WS21	WS21	WS22	WS23	WS23	WS24	WS24
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.60	0.30	0.40	1.25	1.10	0.20	0.05	1.00	1.80
		Bottom Depth (m):		1.00	0.40	0.60	1.50	1.30	0.40	0.05	1.20	2.00
		Asbestos Lab:		DURHAM	DURHAM	DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	Accred.	SOP	Units	LOD								
2-Chlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] 1.4	
Nitrobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Isophorone	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,4-Dichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Naphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Hexachlorobutadiene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Methylnaphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Chloronaphthalene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Acenaphthylene	M	2790	mg/kg	0.50	[A] 1.0	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Dimethylphthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Acenaphthene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Dibenzofuran	M	2790	mg/kg	0.50	[A] 0.51	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Fluorene	M	2790	mg/kg	0.50	[A] 0.58	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Diethyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.: 22-26298										
Quotation No.:		Chemtest Sample ID.:										
Order No.: EX-21-001		Client Sample Ref.:										
		Sample Location:										
		Sample Type:										
		Top Depth (m):										
		Bottom Depth (m):										
		Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298	22-26298
4-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Azobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Hexachlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Phenanthrene	M	2790	mg/kg	0.50	[A] 12	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Anthracene	M	2790	mg/kg	0.50	[A] 3.7	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Carbazole	M	2790	mg/kg	0.50	[A] 1.3	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Fluoranthene	M	2790	mg/kg	0.50	[A] 38	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Pyrene	M	2790	mg/kg	0.50	[A] 30	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Benzo[a]anthracene	M	2790	mg/kg	0.50	[A] 18	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Chrysene	M	2790	mg/kg	0.50	[A] 10	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	[A] 21	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	[A] 4.5	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Benzo[a]pyrene	M	2790	mg/kg	0.50	[A] 9.5	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	[A] 5.6	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	[A] 5.6	[A] < 0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	0.24	< 0.10	< 0.10	0.30	0.23	< 0.10 < 0.10

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	
Quotation No.:		Chemtest Sample ID.:		1466282	1466283	1466284	
Order No.: EX-21-001		Client Sample Ref.:		1	1		
		Sample Location:		WS25	W2S26	WS19	
		Sample Type:		SOIL	SOIL	SOIL	
		Top Depth (m):		1.30	1.80	0.60	
		Bottom Depth (m):		1.50	1.95	0.80	
		Asbestos Lab:				DURHAM	
Determinand	Accred.	SOP	Units	LOD			
ACM Type	U	2192		N/A		-	
Asbestos Identification	U	2192		N/A		No Asbestos Detected	
Moisture	N	2030	%	0.020	13	11	8.8
Chromatogram (TPH)	N			N/A	See Attached		See Attached
pH	M	2010		4.0	[A] 7.9	[A] 7.8	[A] 9.6
Cyanide (Total)	M	2300	mg/kg	0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50
Sulphate (Total)	U	2430	%	0.010	[A] 0.062	[A] 0.35	[A] 0.15
Arsenic	M	2455	mg/kg	0.5	2.7	3.7	5.8
Cadmium	M	2455	mg/kg	0.10	< 0.10	< 0.10	0.20
Chromium	M	2455	mg/kg	0.5	6.2	9.5	10
Copper	M	2455	mg/kg	0.50	6.9	4.6	11
Mercury	M	2455	mg/kg	0.05	< 0.05	< 0.05	0.07
Nickel	M	2455	mg/kg	0.50	3.3	0.78	4.2
Lead	M	2455	mg/kg	0.50	14	8.9	27
Selenium	M	2455	mg/kg	0.25	0.26	0.36	0.36
Zinc	M	2455	mg/kg	0.50	27	6.4	37
Chromium (Trivalent)	N	2490	mg/kg	1.0	6.2	9.5	10
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	[A] < 0.40	[A] 2.9	[A] 2.2
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[A] < 1.0		[A] 11
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0		[A] 87
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0		[A] 99
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[A] < 1.0		[A] 180
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[A] < 1.0		[A] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[A] < 5.0		[A] 180

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:			22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:			1466282	1466283	1466284
Order No.: EX-21-001		Client Sample Ref.:			1	1	
		Sample Location:			WS25	W2S26	WS19
		Sample Type:			SOIL	SOIL	SOIL
		Top Depth (m):			1.30	1.80	0.60
		Bottom Depth (m):			1.50	1.95	0.80
		Asbestos Lab:					DURHAM
Determinand	Accred.	SOP	Units	LOD			
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[A] < 10		[A] 280
Naphthalene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 3.0
Acenaphthylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.33
Acenaphthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.40
Fluorene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 0.45
Phenanthrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 7.9
Anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 2.4
Fluoranthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 0.45	[A] 19
Pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] 0.59	[A] 18
Benzo[a]anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 9.6
Chrysene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 11
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 13
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 4.4
Benzo[a]pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 9.3
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 6.6
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 1.4
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	[A] < 0.10	[A] < 0.10	[A] 6.1
Total Of 16 PAH's	M	2700	mg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] 110
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Chloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromomethane	M	2760	µg/kg	20	[A] < 20	[A] < 20	[A] < 20
Chloroethane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Trichloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Benzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Dibromomethane	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0

Results - Soil

Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:		22-26298	22-26298	22-26298	
Quotation No.:		Chemtest Sample ID.:		1466282	1466283	1466284	
Order No.: EX-21-001		Client Sample Ref.:		1	1		
		Sample Location:		WS25	W2S26	WS19	
		Sample Type:		SOIL	SOIL	SOIL	
		Top Depth (m):		1.30	1.80	0.60	
		Bottom Depth (m):		1.50	1.95	0.80	
		Asbestos Lab:				DURHAM	
Determinand	Accred.	SOP	Units	LOD			
Bromodichloromethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10
Toluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[A] < 10	[A] < 10	[A] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	[A] < 5.0	[A] < 5.0	[A] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Styrene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[A] < 50	[A] < 50	[A] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[A] < 2.0	[A] < 2.0	[A] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Phenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50

Results - Soil

Project: EX-21-001 Canford Energy Park

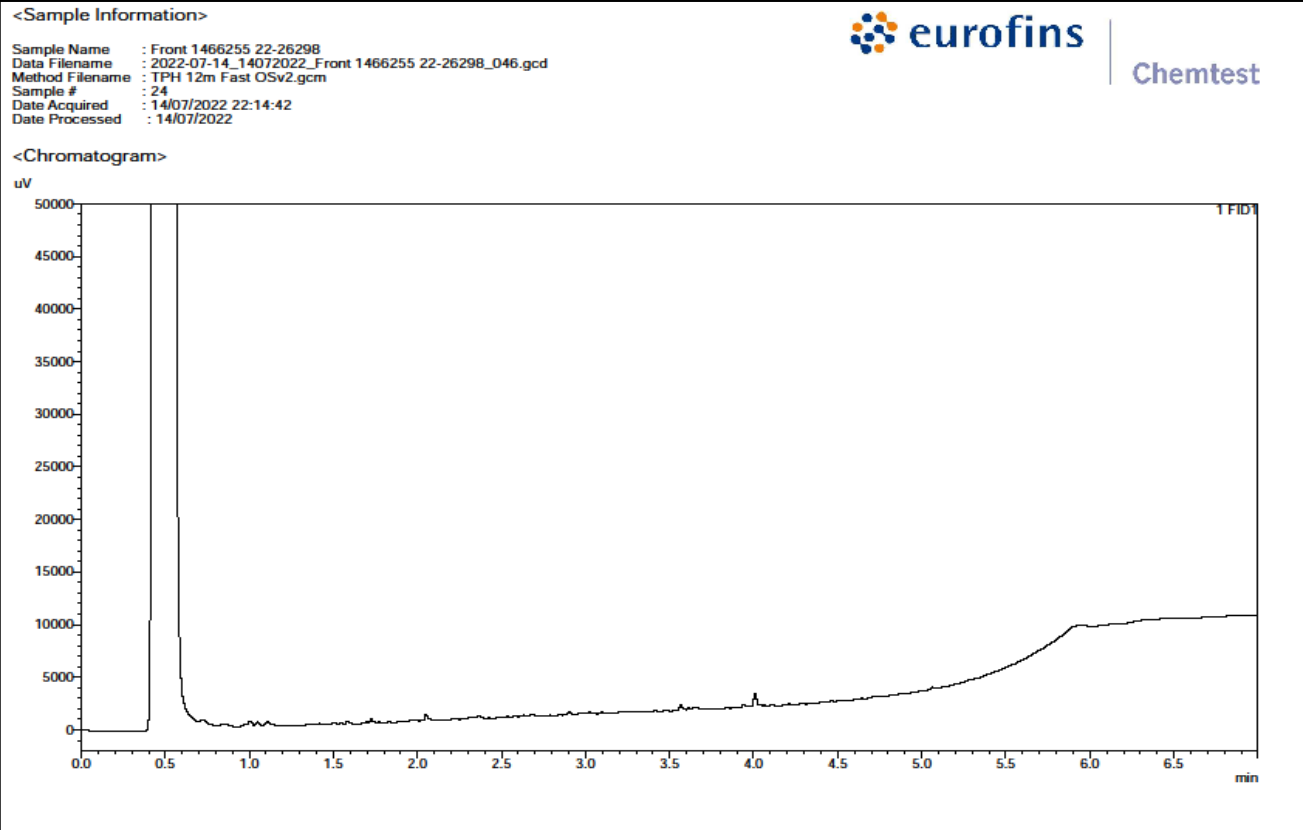
Client: Terra Firma		Chemtest Job No.:			22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:			1466282	1466283	1466284
Order No.: EX-21-001		Client Sample Ref.:			1	1	
		Sample Location:			WS25	W2S26	WS19
		Sample Type:			SOIL	SOIL	SOIL
		Top Depth (m):			1.30	1.80	0.60
		Bottom Depth (m):			1.50	1.95	0.80
		Asbestos Lab:					DURHAM
Determinand	Accred.	SOP	Units	LOD			
2-Chlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Hexachloroethane	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Nitrobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Isophorone	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,4-Dichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Naphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Hexachlorobutadiene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Methylnaphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Chloronaphthalene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Acenaphthylene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Dimethylphthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Acenaphthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
3-Nitroaniline	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Dibenzofuran	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Fluorene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Diethyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50

Results - Soil

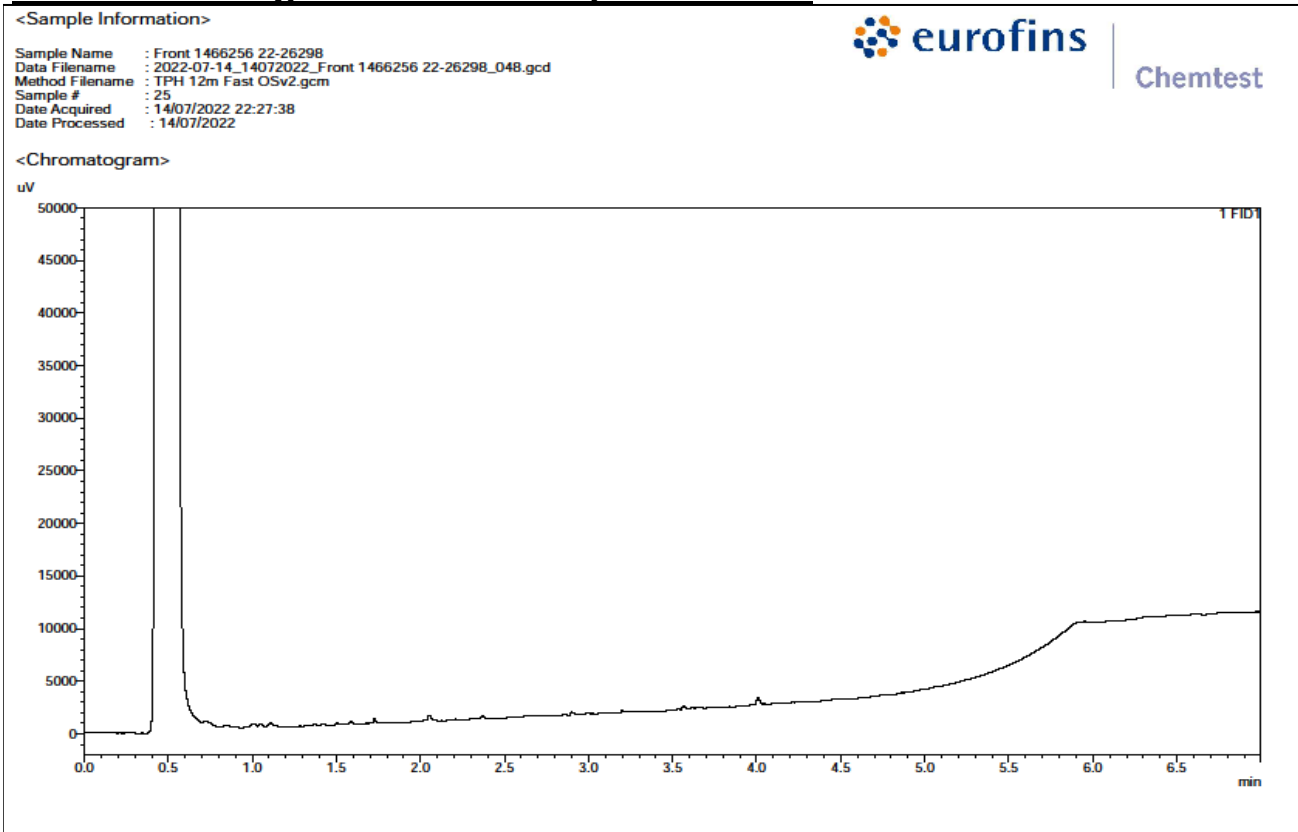
Project: EX-21-001 Canford Energy Park

Client: Terra Firma		Chemtest Job No.:			22-26298	22-26298	22-26298
Quotation No.:		Chemtest Sample ID.:			1466282	1466283	1466284
Order No.: EX-21-001		Client Sample Ref.:			1	1	
		Sample Location:			WS25	W2S26	WS19
		Sample Type:			SOIL	SOIL	SOIL
		Top Depth (m):			1.30	1.80	0.60
		Bottom Depth (m):			1.50	1.95	0.80
		Asbestos Lab:					DURHAM
Determinand	Accred.	SOP	Units	LOD			
4-Nitroaniline	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Azobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Hexachlorobenzene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Phenanthrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Carbazole	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.92
Pyrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.92
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Benzo[a]anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.69
Chrysene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.83
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	[A] < 0.50		[A] 1.2
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 1.5
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.52
Benzo[a]pyrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 1.0
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.83
Dibenzo(a,h)Anthracene	M	2790	mg/kg	0.50	[A] < 0.50		[A] < 0.50
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	[A] < 0.50		[A] 0.95
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10

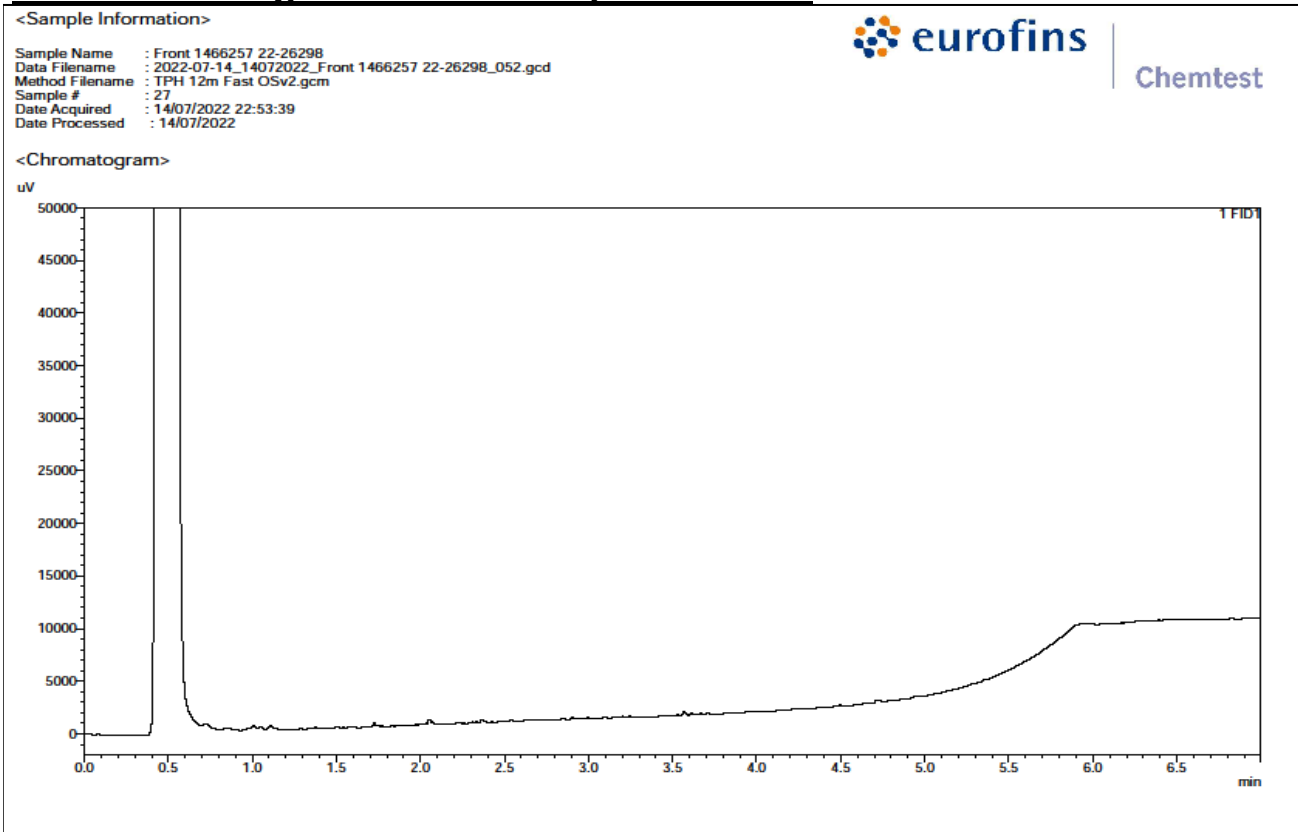
TPH Chromatogram on Soil Sample: 1466255



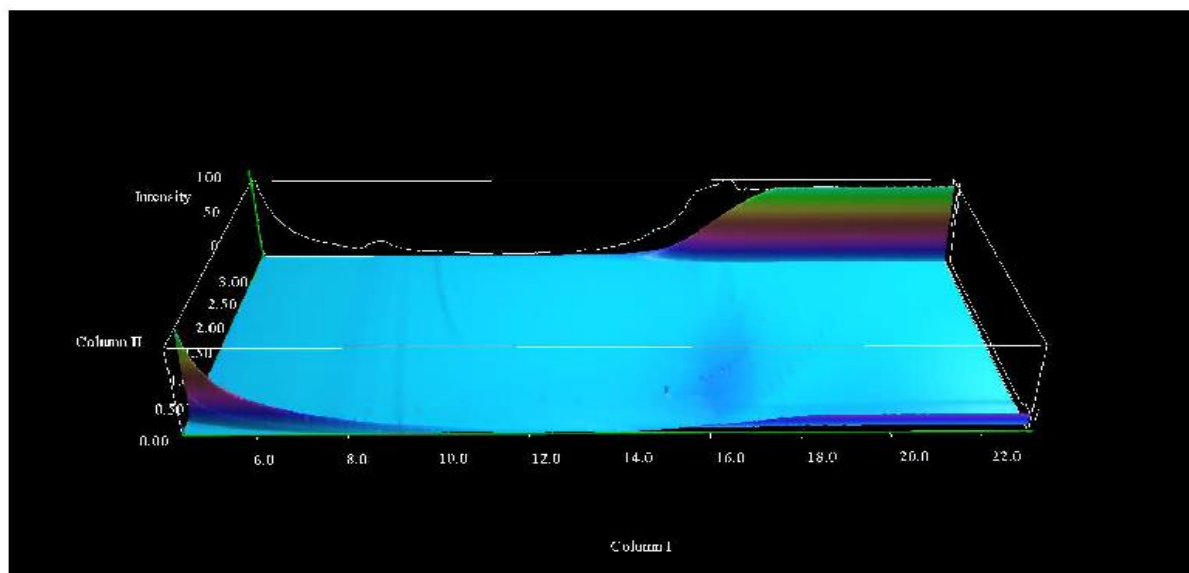
TPH Chromatogram on Soil Sample: 1466256



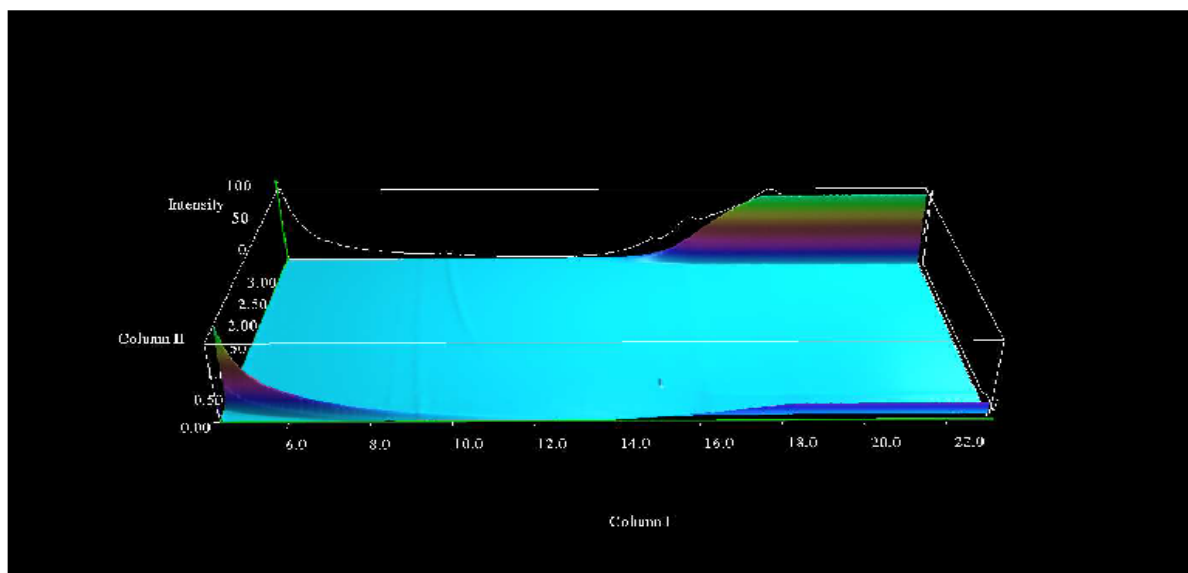
TPH Chromatogram on Soil Sample: 1466257



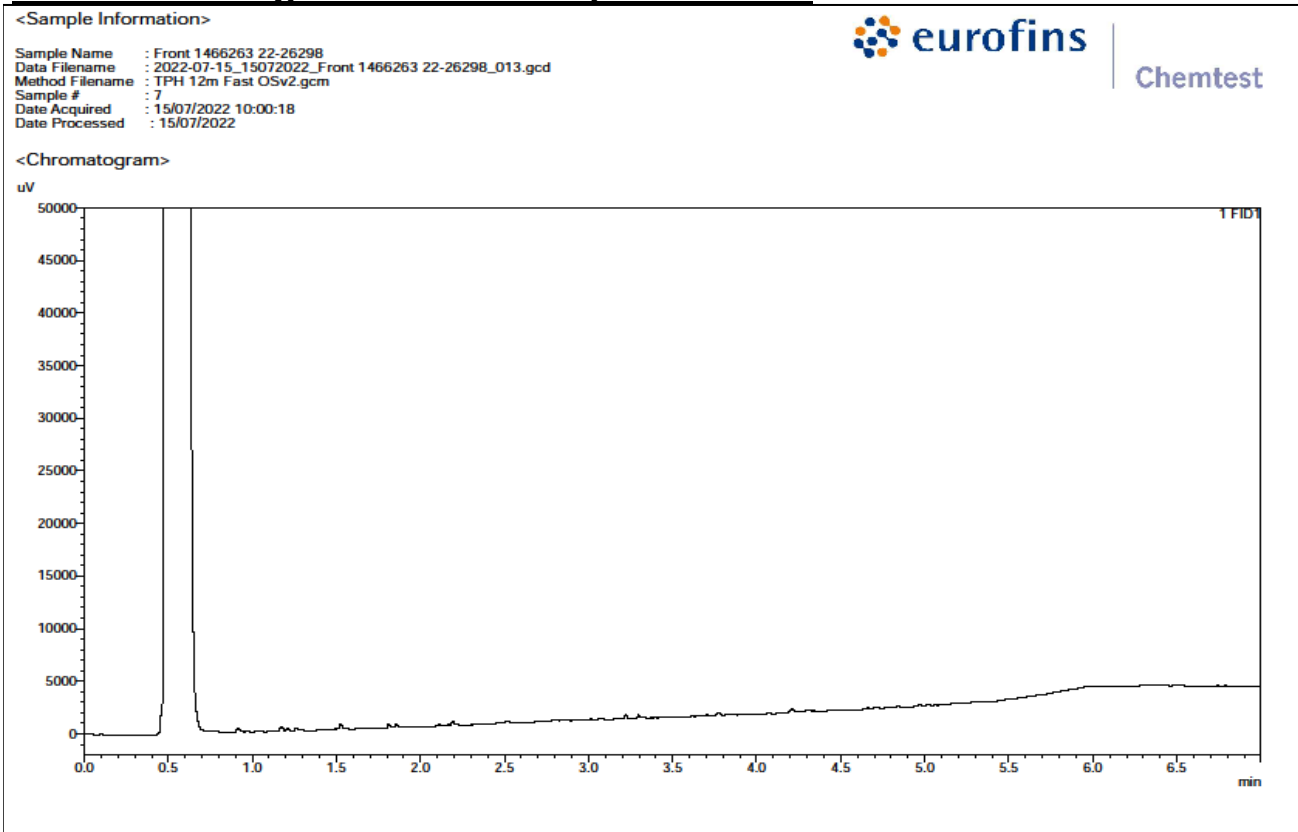
TPH Chromatogram on Soil Sample: 1466259



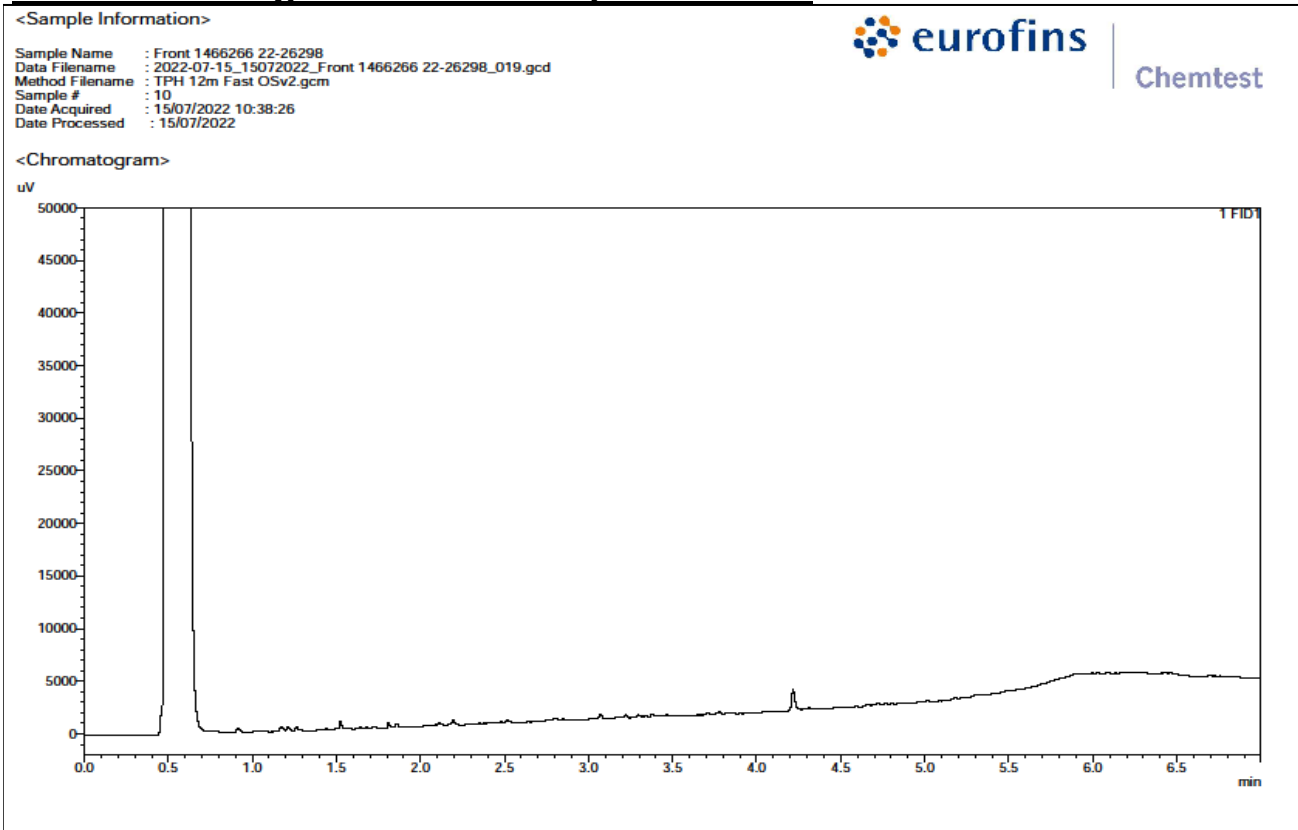
TPH Chromatogram on Soil Sample: 1466262



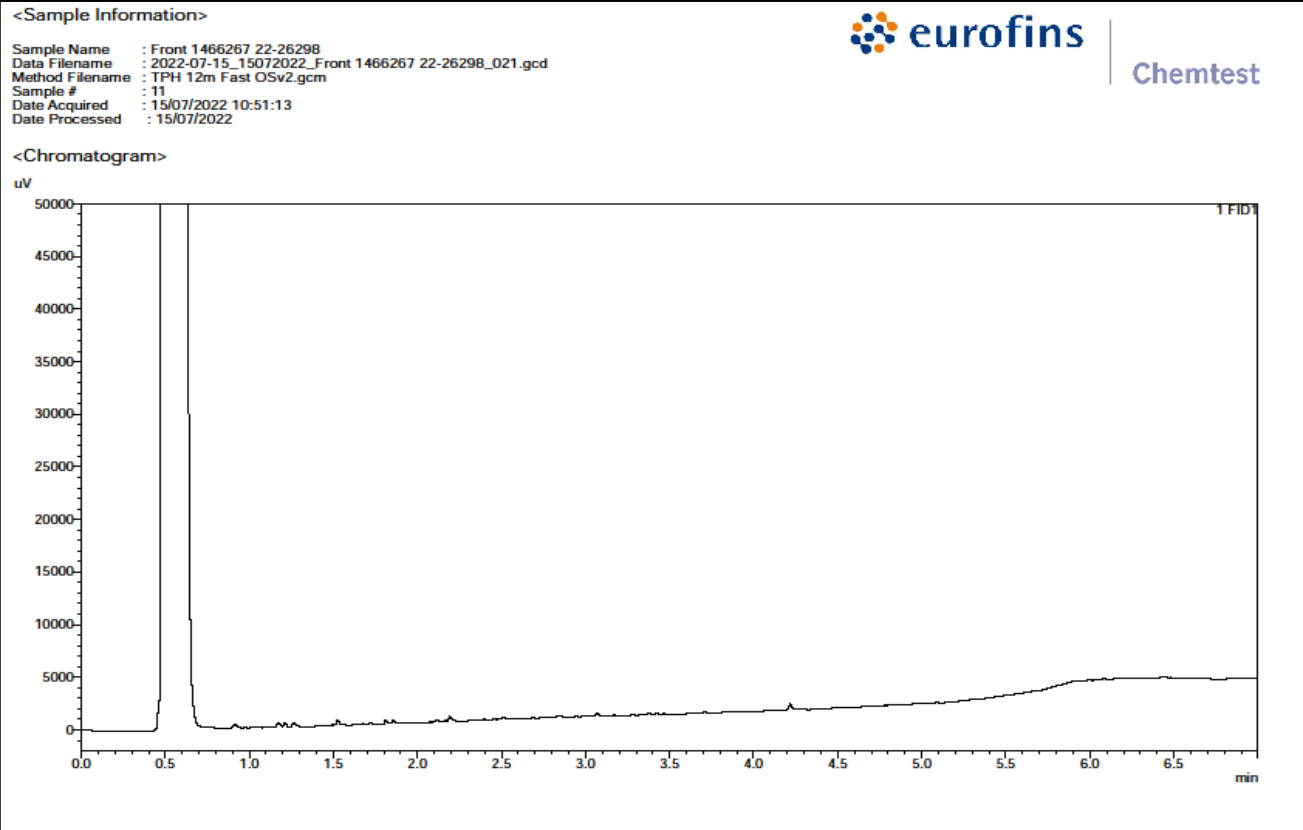
TPH Chromatogram on Soil Sample: 1466263



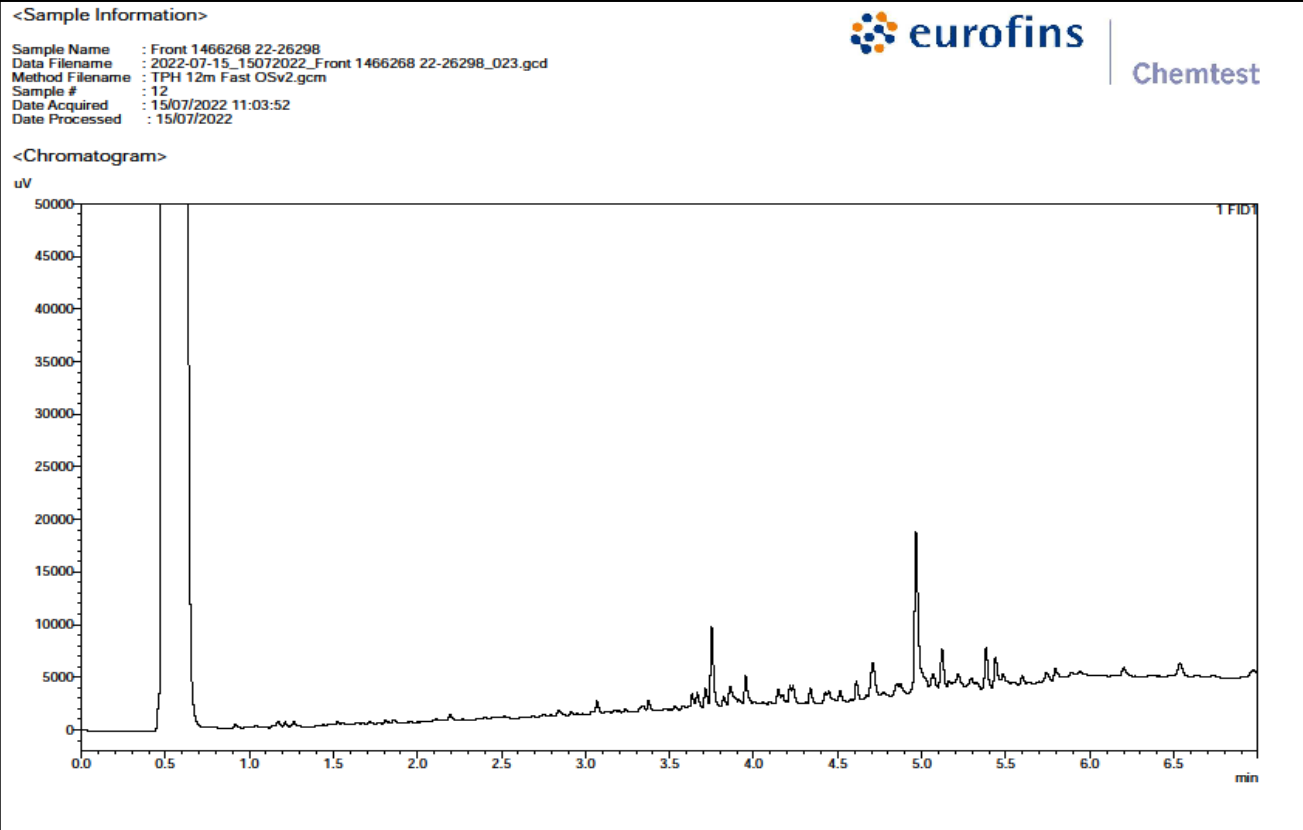
TPH Chromatogram on Soil Sample: 1466266



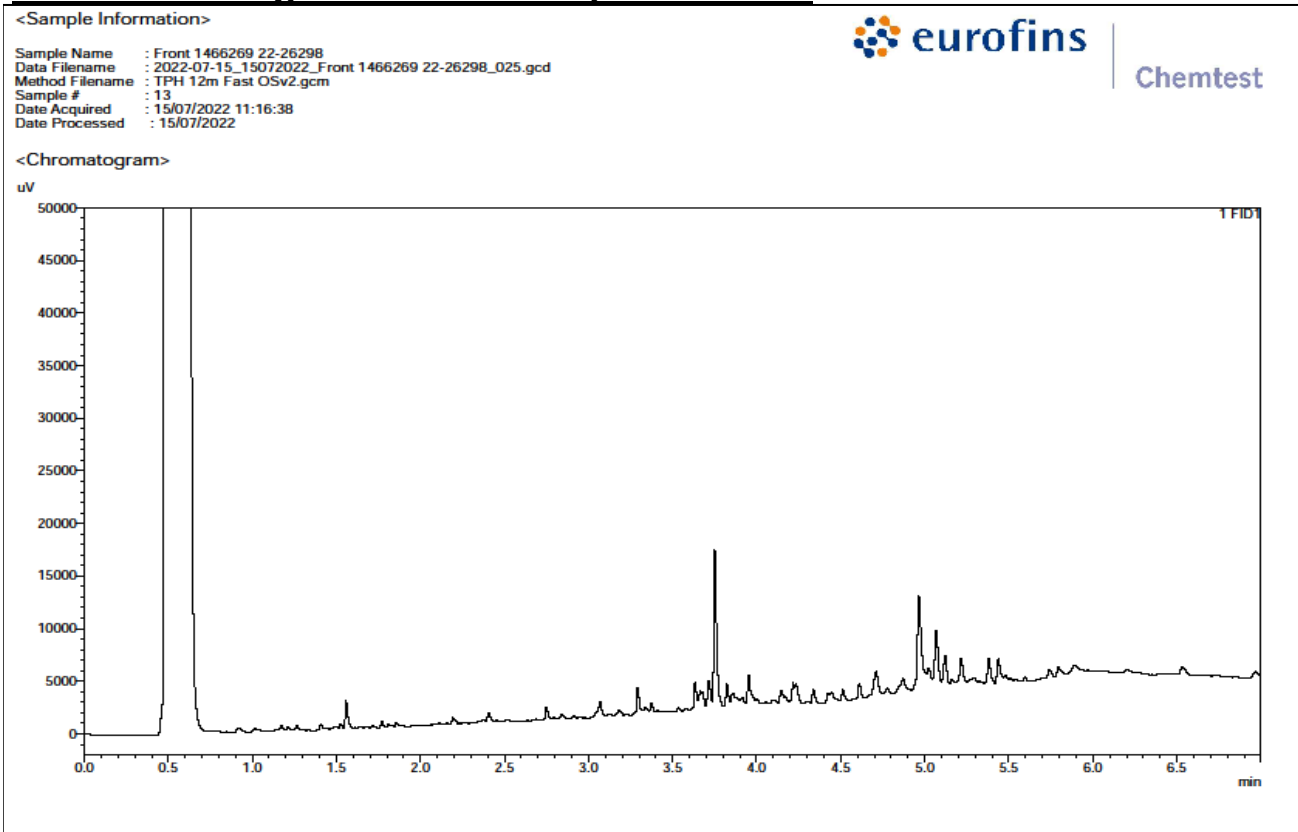
TPH Chromatogram on Soil Sample: 1466267



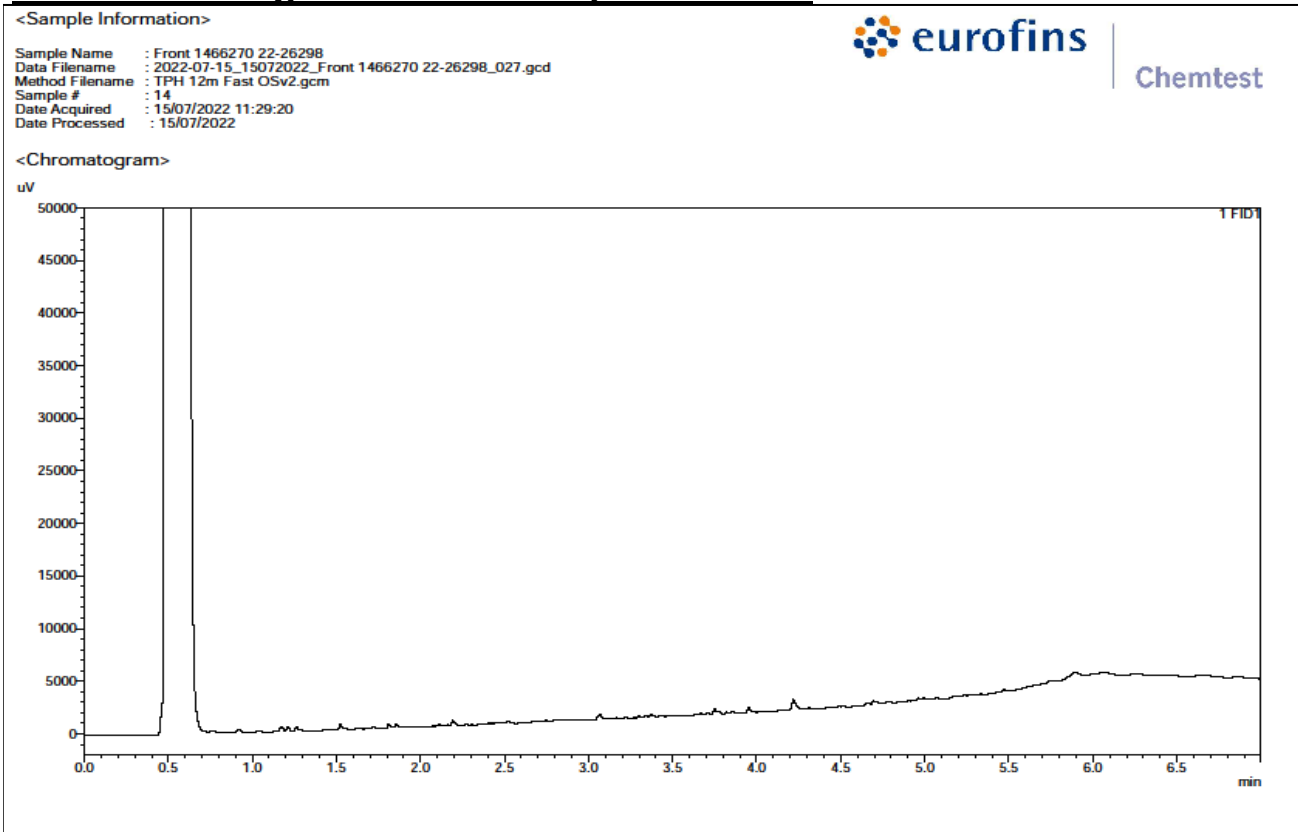
TPH Chromatogram on Soil Sample: 1466268



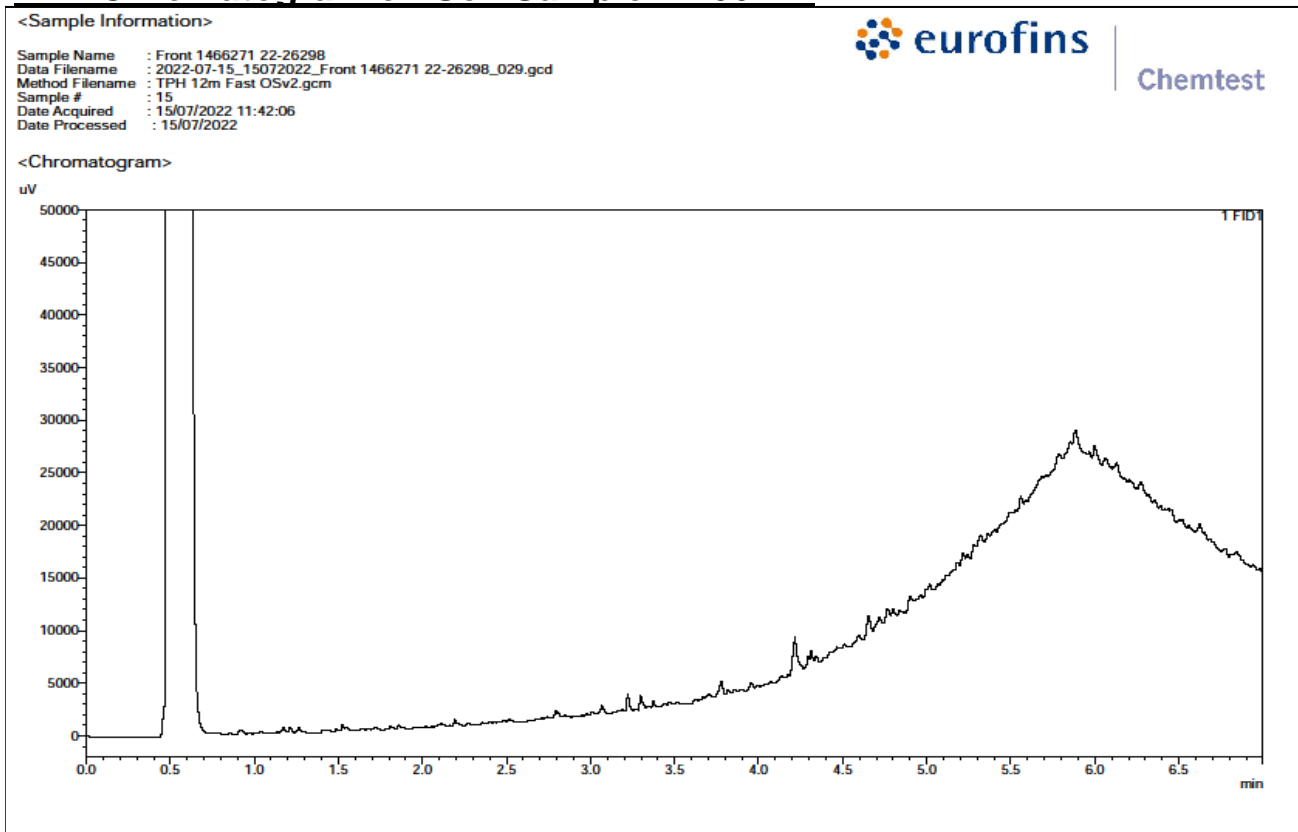
TPH Chromatogram on Soil Sample: 1466269



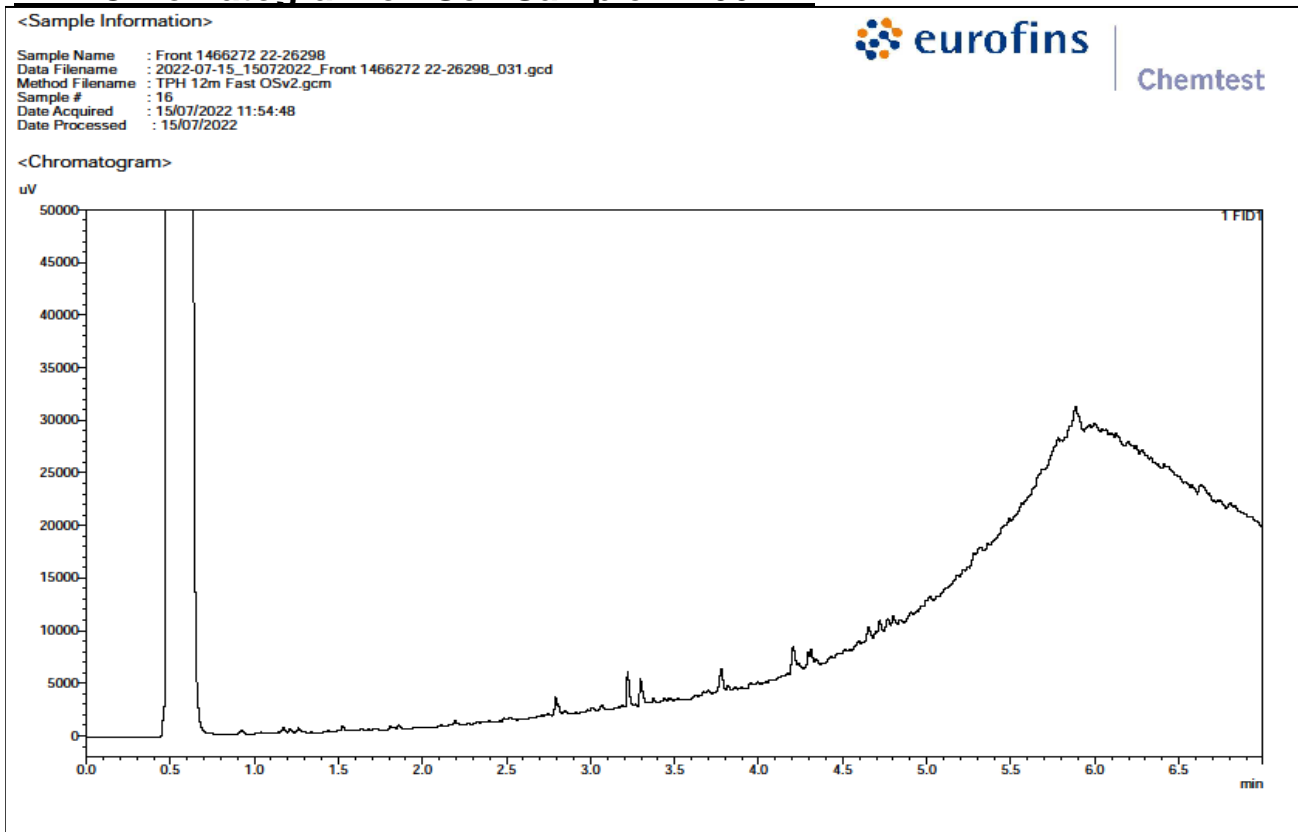
TPH Chromatogram on Soil Sample: 1466270



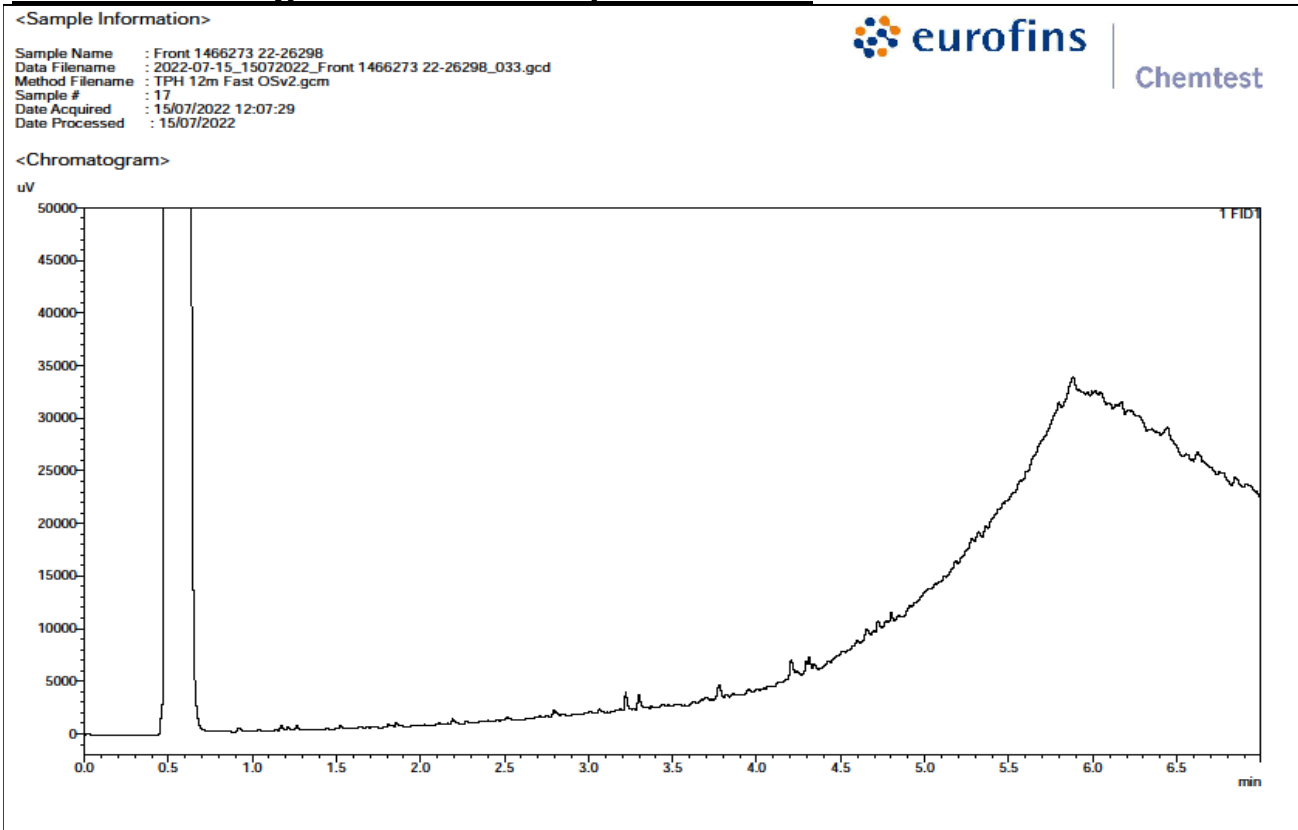
TPH Chromatogram on Soil Sample: 1466271



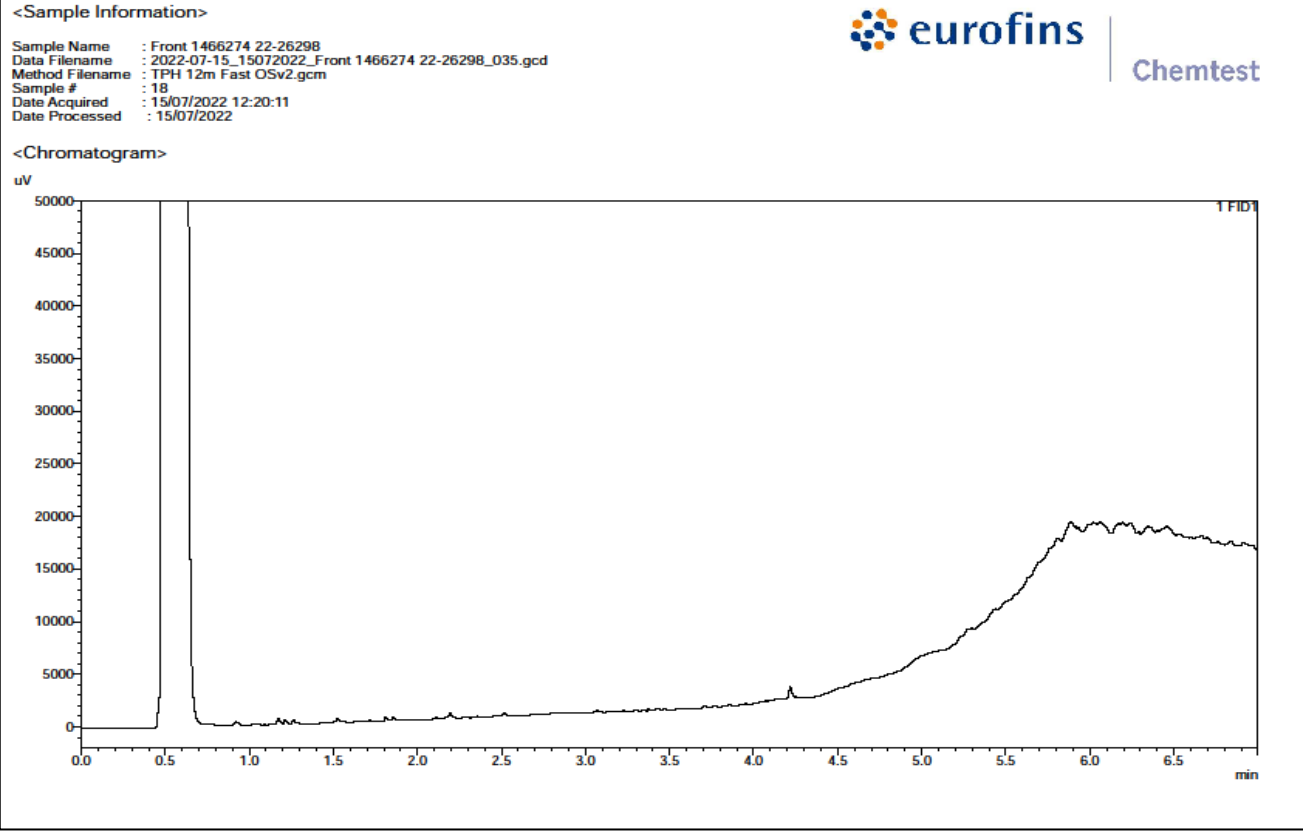
TPH Chromatogram on Soil Sample: 1466272



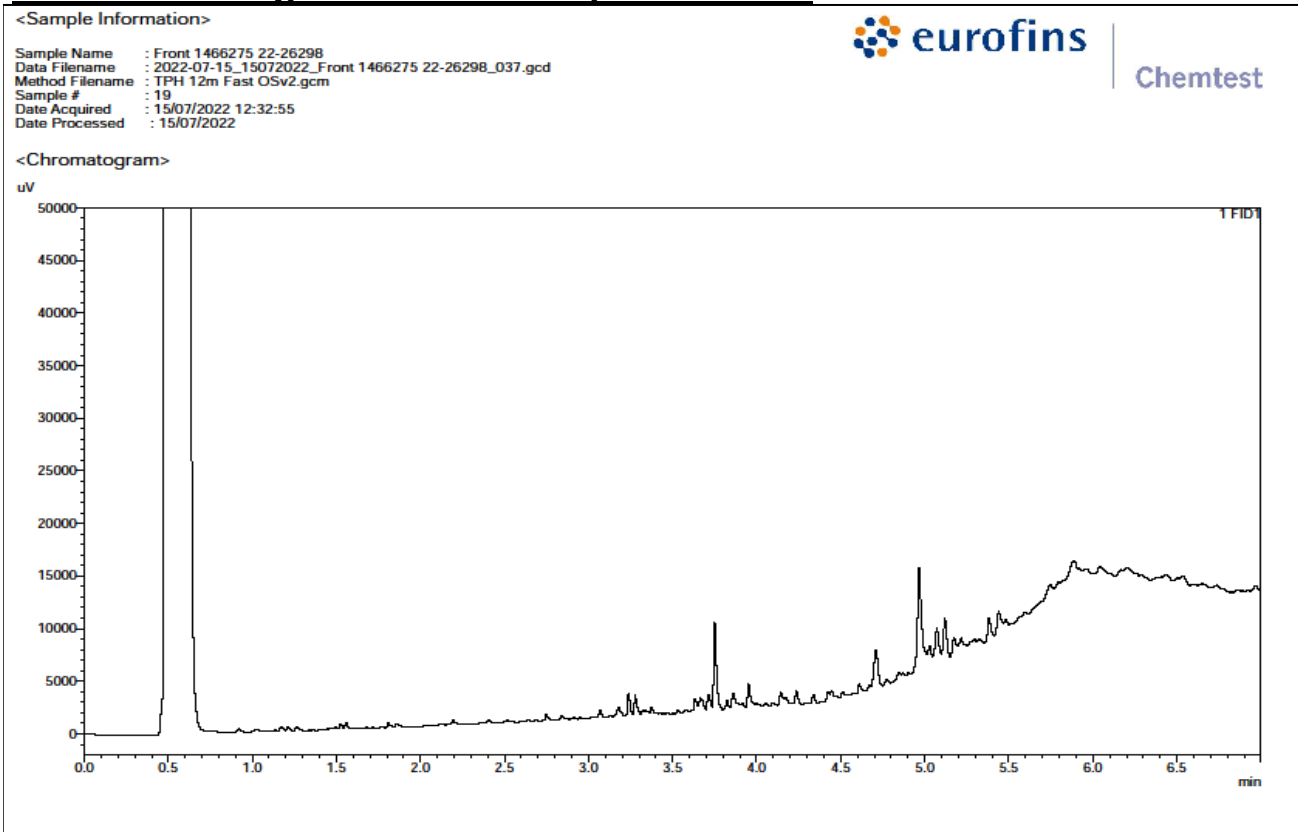
TPH Chromatogram on Soil Sample: 1466273



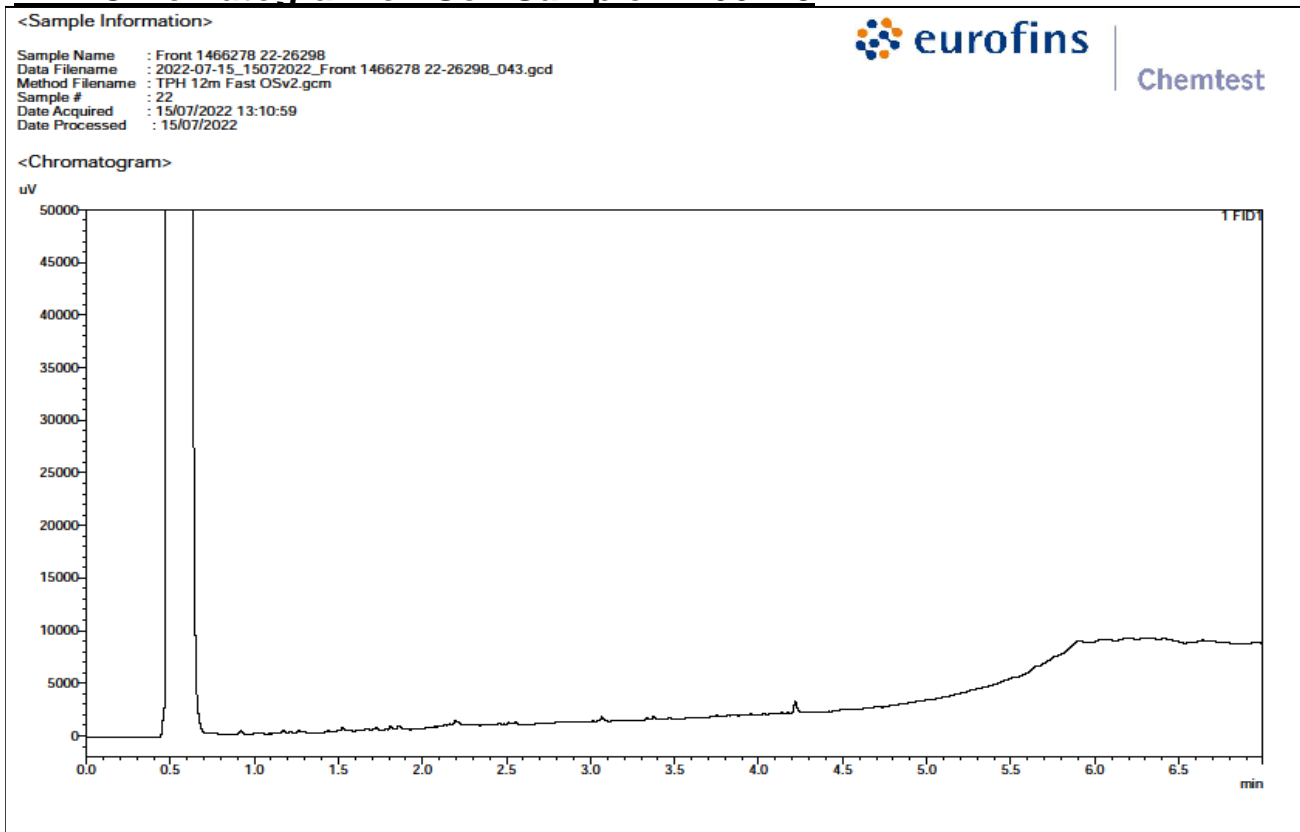
TPH Chromatogram on Soil Sample: 1466274



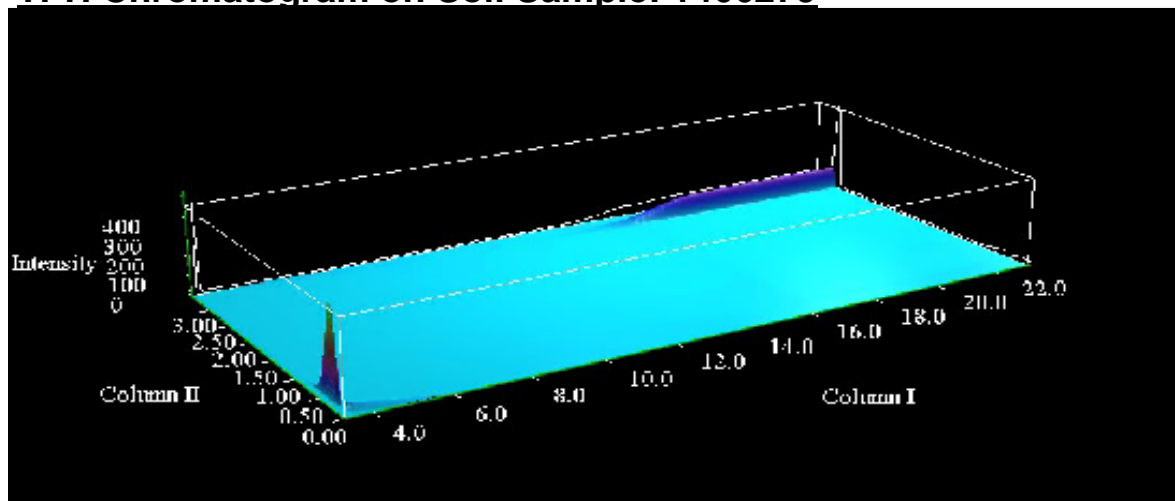
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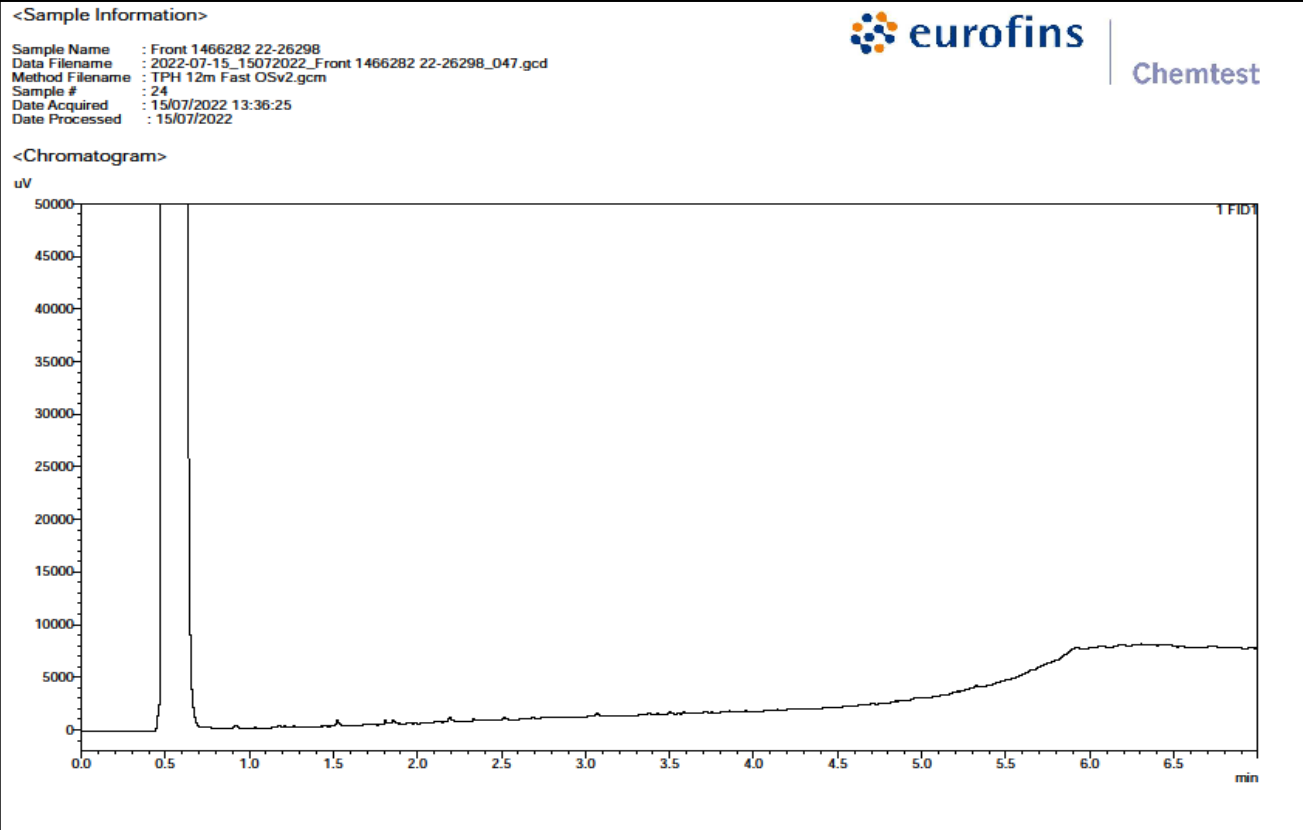
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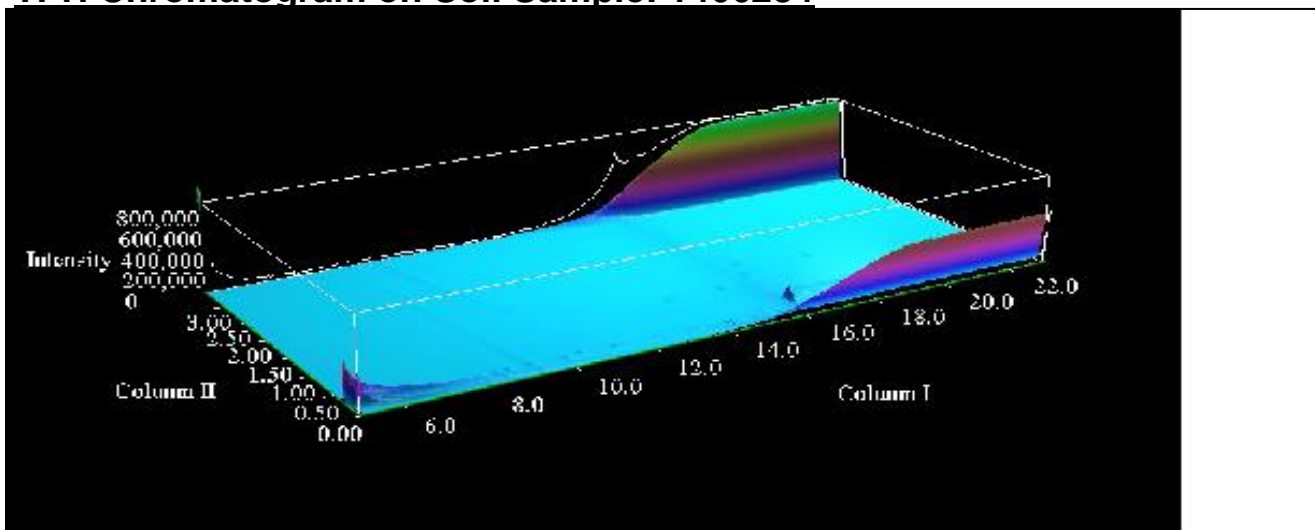
TPH Chromatogram on Soil Sample: 1466279



TPH Chromatogram on Soil Sample: 1466282



TPH Chromatogram on Soil Sample: 1466284



Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298 Chemtest Sample ID: 1466256 Sample Ref: 1 Sample ID: Sample Location: WS01 Top Depth(m): 0.10 Bottom Depth(m): 0.30 Sampling Date:				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 1.3	3	5	6
Loss On Ignition	2610	M	%	3.1	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] < 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	8.5	100	--	--
pH	2010	M		9.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0017	0.018	0.5	2	25
Barium	1455	U	0.014	0.14	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0058	0.058	0.5	10	70
Copper	1455	U	0.011	0.11	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	< 0.0002	< 0.0002	0.5	10	30
Nickel	1455	U	0.0013	0.013	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0024	0.024	0.06	0.7	5
Selenium	1455	U	0.0006	0.0062	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	6.4	64	800	15000	25000
Fluoride	1220	U	0.23	2.3	10	150	500
Sulphate	1220	U	63	630	1000	20000	50000
Total Dissolved Solids	1020	N	180	1800	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	6.2	62	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	6.8

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298 Chemtest Sample ID: 1466259 Sample Ref: 1 Sample ID: Sample Location: WS03 Top Depth(m): 0.50 Bottom Depth(m): 0.80 Sampling Date:				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 1.2	3	5	6
Loss On Ignition	2610	M	%	2.9	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 2000	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	10	100	--	--
pH	2010	M		10.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0003	0.0030	0.5	2	25
Barium	1455	U	0.046	0.46	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0012	0.013	0.5	10	70
Copper	1455	U	0.0021	0.021	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.070	0.69	0.5	10	30
Nickel	1455	U	0.0046	0.046	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	< 0.0005	< 0.0005	0.06	0.7	5
Selenium	1455	U	0.0027	0.027	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	25	250	800	15000	25000
Fluoride	1220	U	0.25	2.5	10	150	500
Sulphate	1220	U	13	130	1000	20000	50000
Total Dissolved Solids	1020	N	910	9100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.5	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	6.5

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1466262					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: 1							
Sample ID:							
Sample Location: WS07							
Top Depth(m): 0.30							
Bottom Depth(m): 0.50							
Sampling Date:							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 0.24	3	5	6
Loss On Ignition	2610	M	%	1.4	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] < 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	< 2.0	100	--	--
pH	2010	M		7.8	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0019	0.019	0.5	2	25
Barium	1455	U	< 0.005	< 0.0005	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0032	0.033	0.5	10	70
Copper	1455	U	0.0022	0.023	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	< 0.0002	< 0.0002	0.5	10	30
Nickel	1455	U	0.0017	0.017	0.4	10	40
Lead	1455	U	0.0021	0.021	0.5	10	50
Antimony	1455	U	< 0.0005	< 0.0005	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.006	0.060	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.11	1.1	10	150	500
Sulphate	1220	U	5.2	52	1000	20000	50000
Total Dissolved Solids	1020	N	20	200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	8.6	86	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	6.2

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1466265					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: 2							
Sample ID:							
Sample Location: WS09							
Top Depth(m): 1.4							
Bottom Depth(m): 1.60							
Sampling Date:							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 1.9	3	5	6
Loss On Ignition	2610	M	%	5.6	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] < 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	16	100	--	--
pH	2010	M		8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0050	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0042	0.043	0.5	2	25
Barium	1455	U	0.081	0.81	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0015	0.015	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0031	0.031	0.5	10	30
Nickel	1455	U	0.0042	0.042	0.4	10	40
Lead	1455	U	0.0019	0.019	0.5	10	50
Antimony	1455	U	0.0006	0.0064	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	14	140	800	15000	25000
Fluoride	1220	U	0.37	3.7	10	150	500
Sulphate	1220	U	83	830	1000	20000	50000
Total Dissolved Solids	1020	N	330	3200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	18	180	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	23

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298 Chemtest Sample ID: 1466266 Sample Ref: 1 Sample ID: Sample Location: WS13 Top Depth(m): 0.30 Bottom Depth(m): 0.50 Sampling Date:				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 0.93	3	5	6
Loss On Ignition	2610	M	%	2.8	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 160	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	43	100	--	--
pH	2010	M		8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0007	0.0066	0.5	2	25
Barium	1455	U	0.011	0.11	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.015	0.15	0.5	10	70
Copper	1455	U	0.0056	0.056	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	< 0.0002	< 0.0002	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0072	0.072	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	1.8	18	800	15000	25000
Fluoride	1220	U	0.20	2.0	10	150	500
Sulphate	1220	U	27	270	1000	20000	50000
Total Dissolved Solids	1020	N	190	1900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	3.2	< 50	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	9.2

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1466271					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: 1							
Sample ID:							
Sample Location: WS17							
Top Depth(m): 0.45							
Bottom Depth(m): 0.65							
Sampling Date:							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 4.6	3	5	6
Loss On Ignition	2610	M	%	5.1	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 870	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	60	100	--	--
pH	2010	M		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0062	0.062	0.5	2	25
Barium	1455	U	0.014	0.14	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0005	0.0053	0.5	10	70
Copper	1455	U	0.0041	0.041	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0021	< 0.0020	0.5	10	30
Nickel	1455	U	0.0007	0.0074	0.4	10	40
Lead	1455	U	0.0005	0.0053	0.5	10	50
Antimony	1455	U	0.0044	0.044	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.26	2.6	10	150	500
Sulphate	1220	U	33	330	1000	20000	50000
Total Dissolved Solids	1020	N	91	910	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	9.7	97	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	6.3

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1466272					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: 1							
Sample ID:							
Sample Location: WS19							
Top Depth(m): 0.20							
Bottom Depth(m): 0.30							
Sampling Date:							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 4.7	3	5	6
Loss On Ignition	2610	M	%	4.7	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 1200	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	130	100	--	--
pH	2010	M		8.6	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0026	0.027	0.5	2	25
Barium	1455	U	0.010	0.10	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0014	0.014	0.5	10	70
Copper	1455	U	0.0025	0.025	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	< 0.0002	< 0.0020	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	0.0008	0.0077	0.5	10	50
Antimony	1455	U	0.0010	0.011	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.14	1.4	10	150	500
Sulphate	1220	U	21	210	1000	20000	50000
Total Dissolved Solids	1020	N	78	780	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	7.2	72	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	6.0

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298 Chemtest Sample ID: 1466273 Sample Ref: 2 Sample ID: Sample Location: WS20 Top Depth(m): 0.60 Bottom Depth(m): 1.00 Sampling Date:				Landfill Waste Acceptance Criteria Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 5.9	3	5	6
Loss On Ignition	2610	M	%	3.3	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 1500	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	95	100	--	--
pH	2010	M		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0019	0.019	0.5	2	25
Barium	1455	U	0.032	0.32	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0009	0.0087	0.5	10	70
Copper	1455	U	0.0019	0.019	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	< 0.0002	< 0.0002	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0005	0.4	10	40
Lead	1455	U	0.0011	0.011	0.5	10	50
Antimony	1455	U	< 0.0005	< 0.0005	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.19	1.9	10	150	500
Sulphate	1220	U	4.4	44	1000	20000	50000
Total Dissolved Solids	1020	N	49	490	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	8.1	81	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	2.9

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298					Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID: 1466278					Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref: 2							
Sample ID:							
Sample Location: WS23							
Top Depth(m): 0.20							
Bottom Depth(m): 0.40							
Sampling Date:							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 1.0	3	5	6
Loss On Ignition	2610	M	%	1.7	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	0.29	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] < 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	19	100	--	--
pH	2010	M		9.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0009	0.0094	0.5	2	25
Barium	1455	U	< 0.005	< 0.0005	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0016	0.016	0.5	10	70
Copper	1455	U	0.0076	0.076	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.074	0.74	0.5	10	30
Nickel	1455	U	0.0015	0.015	0.4	10	40
Lead	1455	U	0.0018	0.018	0.5	10	50
Antimony	1455	U	0.0015	0.015	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0005	0.1	0.5	7
Zinc	1455	U	0.003	0.027	4	50	200
Chloride	1220	U	1.2	12	800	15000	25000
Fluoride	1220	U	0.58	5.8	10	150	500
Sulphate	1220	U	9.3	93	1000	20000	50000
Total Dissolved Solids	1020	N	120	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	9.8	98	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	8.5

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - Single Stage WAC

Project: EX-21-001 Canford Energy Park

Chemtest Job No: 22-26298 Chemtest Sample ID: 1466280 Sample Ref: 1 Sample ID: Sample Location: WS24 Top Depth(m): 1.00 Bottom Depth(m): 1.20 Sampling Date:				Landfill Waste Acceptance Criteria			
				Limits			
				Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	[A] 2.9	3	5	6
Loss On Ignition	2610	M	%	2.7	--	--	10
Total BTEX	2760	M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	[A] 19	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	24	100	--	--
pH	2010	M		8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0040	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0032	0.032	0.5	2	25
Barium	1455	U	0.025	0.25	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0005	0.5	10	70
Copper	1455	U	0.0009	0.0091	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.049	0.49	0.5	10	30
Nickel	1455	U	0.0023	0.023	0.4	10	40
Lead	1455	U	0.0006	0.0058	0.5	10	50
Antimony	1455	U	0.0007	0.0075	0.06	0.7	5
Selenium	1455	U	0.0006	0.0056	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	4	50	200
Chloride	1220	U	1.5	15	800	15000	25000
Fluoride	1220	U	0.43	4.3	10	150	500
Sulphate	1220	U	140	1400	1000	20000	50000
Total Dissolved Solids	1020	N	290	2900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	12	120	500	800	1000

Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1466255	2		WS01		A	Amber Glass 250ml
1466255	2		WS01		A	Amber Glass 60ml
1466255	2		WS01		A	Plastic Tub 500g
1466256	1		WS01		A	Amber Glass 250ml
1466256	1		WS01		A	Amber Glass 60ml
1466256	1		WS01		A	Plastic Tub 500g
1466257	1		WS02		A	Amber Glass 250ml
1466257	1		WS02		A	Amber Glass 60ml
1466257	1		WS02		A	Plastic Tub 500g
1466258	2		WS02		A	Amber Glass 250ml
1466258	2		WS02		A	Amber Glass 60ml
1466258	2		WS02		A	Plastic Tub 500g
1466259	1		WS03		A	Amber Glass 250ml
1466259	1		WS03		A	Amber Glass 60ml
1466259	1		WS03		A	Plastic Tub 500g
1466260	2		WS03		A	Amber Glass 250ml
1466260	2		WS03		A	Amber Glass 60ml
1466260	2		WS03		A	Plastic Tub 500g
1466261	2		WS06		A	Amber Glass 250ml
1466261	2		WS06		A	Amber Glass 60ml
1466261	2		WS06		A	Plastic Tub 500g
1466262	1		WS07		A	Amber Glass 250ml
1466262	1		WS07		A	Amber Glass 60ml
1466262	1		WS07		A	Plastic Tub 500g

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1466263	2		WS07		A	Amber Glass 250ml
1466263	2		WS07		A	Amber Glass 60ml
1466263	2		WS07		A	Plastic Tub 500g
1466264	1		WS09		A	Amber Glass 250ml
1466264	1		WS09		A	Amber Glass 60ml
1466264	1		WS09		A	Plastic Tub 500g
1466265	2		WS09		A	Amber Glass 250ml
1466265	2		WS09		A	Amber Glass 60ml
1466265	2		WS09		A	Plastic Tub 500g
1466266	1		WS13		A	Amber Glass 250ml
1466266	1		WS13		A	Amber Glass 60ml
1466266	1		WS13		A	Plastic Tub 500g
1466267	2		WS14		A	Amber Glass 250ml
1466267	2		WS14		A	Amber Glass 60ml
1466267	2		WS14		A	Plastic Tub 500g
1466268	1		WS14		A	Amber Glass 250ml
1466268	1		WS14		A	Amber Glass 60ml
1466268	1		WS14		A	Plastic Tub 500g
1466269	1		WS15		A	Amber Glass 250ml
1466269	1		WS15		A	Amber Glass 60ml
1466269	1		WS15		A	Plastic Tub 500g
1466270	2		WS17		A	Amber Glass 250ml
1466270	2		WS17		A	Amber Glass 60ml
1466270	2		WS17		A	Plastic Tub 500g

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1466271	1		WS17		A	Amber Glass 250ml
1466271	1		WS17		A	Amber Glass 60ml
1466271	1		WS17		A	Plastic Tub 500g
1466272	1		WS19		A	Amber Glass 250ml
1466272	1		WS19		A	Amber Glass 60ml
1466272	1		WS19		A	Plastic Tub 500g
1466273	2		WS20		A	Amber Glass 250ml
1466273	2		WS20		A	Amber Glass 60ml
1466273	2		WS20		A	Plastic Tub 500g
1466274	1		WS20		A	Amber Glass 250ml
1466274	1		WS20		A	Amber Glass 60ml
1466274	1		WS20		A	Plastic Tub 500g
1466275	1		WS21		A	Amber Glass 250ml
1466275	1		WS21		A	Amber Glass 60ml
1466275	1		WS21		A	Plastic Tub 500g
1466276	2		WS21		A	Amber Glass 250ml
1466276	2		WS21		A	Amber Glass 60ml
1466276	2		WS21		A	Plastic Tub 500g
1466277	1		WS22		A	Amber Glass 250ml
1466277	1		WS22		A	Amber Glass 60ml
1466277	1		WS22		A	Plastic Tub 500g
1466278	2		WS23		A	Amber Glass 250ml
1466278	2		WS23		A	Amber Glass 60ml
1466278	2		WS23		A	Plastic Tub 500g

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1466279	1		WS23		A	Amber Glass 250ml
1466279	1		WS23		A	Amber Glass 60ml
1466280	1		WS24		A	Amber Glass 250ml
1466280	1		WS24		A	Amber Glass 60ml
1466280	1		WS24		A	Plastic Tub 500g
1466281	2		WS24		A	Amber Glass 250ml
1466281	2		WS24		A	Amber Glass 60ml
1466281	2		WS24		A	Plastic Tub 500g
1466282	1		WS25		A	Amber Glass 250ml
1466282	1		WS25		A	Amber Glass 60ml
1466282	1		WS25		A	Plastic Tub 500g
1466283	1		W2S26		A	Amber Glass 250ml
1466283	1		W2S26		A	Amber Glass 60ml
1466283	1		W2S26		A	Plastic Tub 500g
1466284			WS19		A	Amber Glass 250ml
1466284			WS19		A	Amber Glass 60ml
1466284			WS19		A	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)

Test Methods

SOP	Title	Parameters included	Method summary
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



Final Report

Report No.: 22-26458-1
Initial Date of Issue: 19-Jul-2022
Client: Terra Firma
Client Address: t/a Terra Firma
The Slate Barn
Lower Lowley
Dunsford
Devon
EX6 7BP
Contact(s): Info
Project: EX-21-001 Canford Energy Park
Quotation No.: **Date Received:** 13-Jul-2022
Order No.: EX-21-001 **Date Instructed:** 13-Jul-2022
No. of Samples: 1
Turnaround (Wkdays): 5 **Results Due:** 19-Jul-2022
Date Approved: 19-Jul-2022

Approved By:

Details: Stuart Henderson, Technical
Manager

Bulk Identification Certificate

Client: Terra Firma

Site Address:

Date Sampled:

Date Received: 13-Jul-2022

Your Ref.:

Project: EX-21-001 Canford Energy Park

Job Number: 22-26458

No Samples:

Date Reported: 19-Jul-2022

Sample No.	Sample ID	Sample Ref.	Description	Top (m)	Bottom (m)	SOP	Accred.	Laboratory	Material	Result
1466899		1	WS23	0.05	0.05	2185	U	NEW-ASB	-	No Asbestos Detected

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

Test Methods

SOP	Title	Parameters included	Method summary
2185	Asbestos	Asbestos	Polarised light microscopy
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

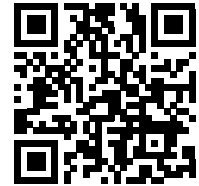
customerservices@chemtest.com

Annex E: HazWaste Classification Report

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



OBHNC-PX110-09IA2

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Job name

HWOL_22-26298-20220726 225017

Description/Comments

Project

EX-21-001

Site

Canford Energy Park

Classified by

Name: **Steven Hill**
 Date: **22 Sep 2022 08:54 GMT**
 Telephone: **01647 252414**
 Company: **TFW Group Ltd t/a Terra Firma (South)**
The Slate Barn
Lower Lowley
Dunsford
EX6 7BP

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

Course	Date
Hazardous Waste Classification	50% complete

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS01-2-26/07/2022-0.40	0.40-0.60	Non Hazardous		3
2	WS01-1-26/07/2022-0.10	0.10-0.30	Non Hazardous		7
3	WS02-1-26/07/2022-0.80	0.80-1.00	Non Hazardous		13
4	WS02-2-26/07/2022-1.50	1.50-1.75	Non Hazardous		19
5	WS03-1-26/07/2022-0.50	0.50-0.80	Hazardous	HP 7, HP 11	23
6	WS03-2-26/07/2022-1.30	1.30-1.60	Non Hazardous		29
7	WS06-2-26/07/2022-2.05	2.05-2.15	Non Hazardous		33
8	WS07-1-26/07/2022-0.30	0.30-0.50	Non Hazardous		37
9	WS07-2-26/07/2022-0.60	0.60-0.80	Non Hazardous		43
10	WS09-1-26/07/2022-1.00	1.00-1.20	Non Hazardous		49
11	WS09-2-26/07/2022-1.4	1.4-1.60	Non Hazardous		55
12	WS13-1-26/07/2022-0.30	0.30-0.50	Non Hazardous		59
13	WS14-2-26/07/2022-0.90	0.90-1.10	Non Hazardous		65
14	WS14-1-26/07/2022-0.30	0.30-0.60	Non Hazardous		71
15	WS15-1-26/07/2022-0.30	0.30-1.00	Non Hazardous		77
16	WS17-2-26/07/2022-0.75	0.75-1.00	Non Hazardous		83
17	WS17-1-26/07/2022-0.45	0.45-0.65	Non Hazardous		89
18	WS19-1-26/07/2022-0.20	0.20-0.30	Hazardous	HP 7, HP 11	95
19	WS20-2-26/07/2022-0.60	0.60-1.00	Hazardous	HP 7, HP 11	101
20	WS20-1-26/07/2022-0.30	0.30-0.40	Non Hazardous		107
21	WS21-1-26/07/2022-0.40	0.40-0.60	Non Hazardous		113
22	WS21-2-26/07/2022-1.25	1.25-1.50	Non Hazardous		119
23	WS22-1-26/07/2022-1.10	1.10-1.30	Non Hazardous		123
24	WS23-2-26/07/2022-0.20	0.20-0.40	Non Hazardous		129
25	WS23-1-26/07/2022-0.05	0.05-0.05	Non Hazardous		135
26	WS24-1-26/07/2022-1.00	1.00-1.20	Non Hazardous		141
27	WS24-2-26/07/2022-1.80	1.80-2.00	Non Hazardous		145
28	WS25-1-26/07/2022-1.30	1.30-1.50	Non Hazardous		149
29	WS26-1-26/07/2022-1.80	1.80-1.95	Non Hazardous		155
30	WS19-26/07/2022-0.60	0.60-0.80	Non Hazardous		159

Related documents

#	Name	Description
1	HWOL_22-26298-20220726 225017.hwol	Eurofins Chemtest .hwol file used to populate the Job
2	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Steven Hill

Created date: 22 Sep 2022 08:54 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	165
Appendix B: Rationale for selection of metal species	169
Appendix C: Version	169

Classification of sample: WS01-2-26/07/2022-0.40

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS01-2-26/07/2022-0.40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.40-0.60 m		
Moisture content:		
9%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				8.7 mg/kg	1.32	10.453 mg/kg	0.00105 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.114 mg/kg	0.0000114 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				14 mg/kg	1.462	18.62 mg/kg	0.00186 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				19 mg/kg	1.126	19.467 mg/kg	0.00195 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	57 mg/kg	1.56	80.908 mg/kg	0.00519 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.1 mg/kg	1.353	0.123 mg/kg	0.0000123 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				10 mg/kg	2.976	27.084 mg/kg	0.00271 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.25 mg/kg	2.554	0.581 mg/kg	0.0000581 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				55 mg/kg	2.774	138.846 mg/kg	0.0139 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		9.5 pH		9.5 pH	9.5 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			0.77 mg/kg		0.701 mg/kg	0.0000701 %	✓	
26	pyrene 204-927-3	129-00-0			0.81 mg/kg		0.737 mg/kg	0.0000737 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.25 mg/kg		0.228 mg/kg	0.0000228 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.38 mg/kg		0.346 mg/kg	0.0000346 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
37	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3	200-549-8	62-75-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
38	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
39	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
42	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
47	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
48	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] [2] 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	hexachlorobutadiene 201-765-5 87-68-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
57	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
59	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	2,6-dinitrotoluene 609-049-00-8 210-106-0 606-20-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	dibenzofuran 205-071-3 132-64-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9 204-450-0 [1] 121-14-2 [1] 246-836-1 [2] 25321-14-6 [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	diethyl phthalate 201-550-6 84-66-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
68	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
69	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
70	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
71	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
72	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
73	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
74	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
75	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
76	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
77	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]							
		202-423-8 [2]	95-48-7 [2]							
		203-398-6 [3]	106-44-5 [3]							
		215-293-2 [4]	1319-77-3 [4]							
78	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
		202-810-1 [3]								
Total:								0.0306 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- ⚗ Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS01-1-26/07/2022-0.10

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS01-1-26/07/2022-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10-0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.8%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				2.3 mg/kg	1.32	2.83 mg/kg	0.000283 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.6 mg/kg	1.462	6.266 mg/kg	0.000627 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				4.6 mg/kg	1.126	4.827 mg/kg	0.000483 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	24 mg/kg	1.56	34.89 mg/kg	0.00224 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				3.5 mg/kg	2.976	9.709 mg/kg	0.000971 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				20 mg/kg	2.774	51.71 mg/kg	0.00517 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		9 pH		9 pH	9pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			0.42 mg/kg		0.391 mg/kg	0.0000391 %	✓	
24	anthracene 204-371-1	120-12-7			0.22 mg/kg		0.205 mg/kg	0.0000205 %	✓	
25	fluoranthene 205-912-4	206-44-0			1.1 mg/kg		1.025 mg/kg	0.000103 %	✓	
26	pyrene 204-927-3	129-00-0			1.2 mg/kg		1.118 mg/kg	0.000112 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.48 mg/kg		0.447 mg/kg	0.0000447 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.66 mg/kg		0.615 mg/kg	0.0000615 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2 mg/kg		1.864 mg/kg	0.000186 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.91 mg/kg		0.848 mg/kg	0.0000848 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.5 mg/kg		1.398 mg/kg	0.00014 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 2 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.014 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS02-1-26/07/2022-0.80

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS02-1-26/07/2022-0.80	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.80-1.00 m		
Moisture content:		
21%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.5 mg/kg	1.32	3.651 mg/kg	0.000365 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.108 mg/kg	0.0000108 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.6 mg/kg	1.462	11.084 mg/kg	0.00111 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				11 mg/kg	1.126	9.784 mg/kg	0.000978 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	32 mg/kg	1.56	39.432 mg/kg	0.00253 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0535 mg/kg	0.00000535 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				6.2 mg/kg	2.976	14.578 mg/kg	0.00146 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				64 mg/kg	2.774	140.261 mg/kg	0.014 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.3 pH		7.3 pH	7.3 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			0.3 mg/kg		0.237 mg/kg	0.0000237 %	✓	
26	pyrene 204-927-3	129-00-0			0.47 mg/kg		0.371 mg/kg	0.0000371 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used						
	EU CLP index number	EC Number	CAS Number													
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-077-00-3	200-549-8	62-75-9													
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]													
44	bis(2-chloroethyl) ether										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4													
45	1,3-dichlorobenzene										<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1													
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
	602-035-00-2	203-400-5	106-46-7													
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
	602-034-00-7	202-425-9	95-50-1													
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		200-666-4	67-72-1													
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-098-00-8	210-698-0	621-64-7													
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	609-003-00-7	202-716-0	98-95-3													
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	606-012-00-8	201-126-0	78-59-1													
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		201-857-5	88-75-5													
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]													
54	bis(2-chloroethoxy)methane										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1													
55	2,4-dichlorophenol										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2													
56	1,2,4-trichlorobenzene										<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1													
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-137-00-9	203-401-0	106-47-8													
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		201-765-5	87-68-3													
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-014-00-3	200-431-6	59-50-7													
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		202-078-3	91-57-6													
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	609-015-00-2	202-811-7	100-02-7													
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	602-078-00-7	201-029-3	77-47-4													
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-018-00-5	201-795-9	88-06-2													
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-017-00-X	202-467-8	95-95-4													
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		202-079-9	91-58-7													
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		205-011-6	131-11-3													

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.024 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS02-2-26/07/2022-1.50

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS02-2-26/07/2022-1.50	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.50-1.75 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.2 mg/kg	1.32	3.549 mg/kg	0.000355 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.4 mg/kg	1.462	10.313 mg/kg	0.00103 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				4.4 mg/kg	1.126	4.161 mg/kg	0.000416 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	11 mg/kg	1.56	14.413 mg/kg	0.000924 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				2.2 mg/kg	2.976	5.5 mg/kg	0.00055 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				11 mg/kg	2.774	25.633 mg/kg	0.00256 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		6.1 pH		6.1 pH	6.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
36	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
43	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
44	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
45	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
46	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
47	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
48	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
49	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
50	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
51	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
52	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
53	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
54	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
55	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
61	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
62	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
63	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
70	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
72	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
73	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
76	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
77	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
78	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
79	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
80	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
82	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								0.00732 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS03-1-26/07/2022-0.50

 **Hazardous Waste**
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS03-1-26/07/2022-0.50	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.50-0.80 m		
Moisture content:		
6.5% (wet weight correction)		

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.187%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.187%)

Determinands

Moisture content: 6.5% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				2.5 mg/kg	1.32	3.086 mg/kg	0.000309 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.2 mg/kg	1.462	5.74 mg/kg	0.000574 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				2.9 mg/kg	1.126	3.053 mg/kg	0.000305 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	21 mg/kg	1.56	30.627 mg/kg	0.00196 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				4.2 mg/kg	2.976	11.688 mg/kg	0.00117 %	✓	
	028-035-00-7	238-766-5	14721-18-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				27 mg/kg	2.774	70.033 mg/kg	0.007 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				2000 mg/kg		1870 mg/kg	0.187 %	✓	
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
16	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
18	pH				10.1 pH		10.1 pH	10.1 pH		
			PH							
19	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				0.37 mg/kg		0.346 mg/kg	0.0000346 %	✓	
		201-581-5	85-01-8							
24	anthracene				0.2 mg/kg		0.187 mg/kg	0.0000187 %	✓	
		204-371-1	120-12-7							
25	fluoranthene				1.5 mg/kg		1.403 mg/kg	0.00014 %	✓	
		205-912-4	206-44-0							
26	pyrene				1.7 mg/kg		1.59 mg/kg	0.000159 %	✓	
		204-927-3	129-00-0							
27	benzo[a]anthracene				1 mg/kg		0.935 mg/kg	0.0000935 %	✓	
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				1.1 mg/kg		1.029 mg/kg	0.000103 %	✓	
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				1.9 mg/kg		1.777 mg/kg	0.000178 %	✓	
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				0.68 mg/kg		0.636 mg/kg	0.0000636 %	✓	
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				1.6 mg/kg		1.496 mg/kg	0.00015 %	✓	
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3	200-549-8	62-75-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4	67-72-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8	210-698-0	621-64-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5	88-75-5			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5	87-68-3			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	2-methyl naphthalene	202-078-3	91-57-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene	202-079-9	91-58-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate	205-011-6	131-11-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
67	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	dibenzofuran	205-071-3	132-64-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	diethyl phthalate	201-550-6	84-66-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	DNOC (ISO); 4,6-dinitro-o-cresol	609-020-00-X	208-601-1	534-52-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
73	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
74	4-bromophenylphenylether	202-952-4	101-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	carbazole	201-696-0	86-74-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
77	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
78	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
80	di-n-octyl phthalate	204-214-7	117-84-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
81	monohydric phenols		P1186		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
85	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
86	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
89	chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
93	dibromomethane 602-003-00-8 200-824-2 74-95-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
94	bromodichloromethane 200-856-7 75-27-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
97	1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	1,3-dichloropropane 205-531-3 142-28-9				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
99	dibromochloromethane 204-704-0 124-48-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
100	1,2-dibromoethane 602-010-00-6 203-444-5 106-93-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
101	chlorobenzene 602-033-00-1 203-628-5 108-90-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
103	styrene 601-026-00-0 202-851-5 100-42-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
105	cumene; [1] propylbenzene [2] 601-024-00-X 202-704-5 [1] 98-82-8 [1] 203-132-9 [2] 103-65-1 [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	bromobenzene 602-060-00-9 203-623-8 108-86-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
108	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
114	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
115	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
116	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]							
		202-423-8 [2]	95-48-7 [2]							
		203-398-6 [3]	106-44-5 [3]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1]							
		202-729-1 [2]	99-09-2 [2]							
		202-810-1 [3]	100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
								Total:	0.202 %	

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Hazardous result
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.187%)

Classification of sample: WS03-2-26/07/2022-1.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-2-26/07/2022-1.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.30-1.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.7 mg/kg	1.32	4.055 mg/kg	0.000405 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.15 mg/kg	1.142	0.142 mg/kg	0.0000142 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.1 mg/kg	1.462	11.039 mg/kg	0.0011 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				11 mg/kg	1.126	10.279 mg/kg	0.00103 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	30 mg/kg	1.56	38.839 mg/kg	0.00249 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				7.3 mg/kg	2.976	18.033 mg/kg	0.0018 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				44 mg/kg	2.774	101.312 mg/kg	0.0101 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.9 pH		7.9 pH	7.9 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
36	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
43	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
44	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
45	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
46	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
47	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
48	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
49	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
50	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
51	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
52	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
53	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
54	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
55	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
61	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
62	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
63	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
70	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
72	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
73	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
74	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
75	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
76	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
77	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
78	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
79	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
80	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
82	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								0.0184 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS06-2-26/07/2022-2.05

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS06-2-26/07/2022-2.05	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.05-2.15 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
31%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 31% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				6.5 mg/kg	1.32	5.922 mg/kg	0.000592 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	16.136 mg/kg	0.00161 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				4.6 mg/kg	1.126	3.574 mg/kg	0.000357 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	14 mg/kg	1.56	15.068 mg/kg	0.000966 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				1.9 mg/kg	2.976	3.902 mg/kg	0.00039 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.36 mg/kg	2.554	0.634 mg/kg	0.0000634 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				6.3 mg/kg	2.774	12.059 mg/kg	0.00121 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
12	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
13	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
14	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
15	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }			<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
17		pH			7.5	pH		7.5	pH	7.5 pH		
			PH									
18		naphthalene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
20		acenaphthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
21		fluorene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
22		phenanthrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
23		anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
24		fluoranthene			0.92	mg/kg		0.635	mg/kg	0.0000635 %	✓	
		205-912-4	206-44-0									
25		pyrene			0.88	mg/kg		0.607	mg/kg	0.0000607 %	✓	
		204-927-3	129-00-0									
26		benzo[a]anthracene			0.29	mg/kg		0.2	mg/kg	0.00002 %	✓	
		601-033-00-9	200-280-6	56-55-3								
27		chrysene			0.82	mg/kg		0.566	mg/kg	0.0000566 %	✓	
		601-048-00-0	205-923-4	218-01-9								
28		benzo[b]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2								
29		benzo[k]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9								
30		benzo[a]pyrene; benzo[def]chrysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8								
31		indeno[123-cd]pyrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
32		dibenz[a,h]anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3								
33		benzo[ghi]perylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)			<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4								
36		carbon tetrachloride; tetrachloromethane			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5								
37		trichloroethylene; trichloroethene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6								
38		vinyl chloride; chloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4								
39		1,3-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-067-00-7	208-792-1	541-73-1								
40		1,4-dichlorobenzene; p-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7								
41		1,2-dichlorobenzene; o-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1								
42		1,2,4-trichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
44	monohydric phenols		P1186		1 mg/kg		0.69 mg/kg	0.000069 %	✓	
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
48	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
49	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
50	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
51	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
52	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
53	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
54	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
55	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
56	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	bromodichloromethane	200-856-7	75-27-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	1,3-dichloropropane	205-531-3	142-28-9		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
62	dibromochloromethane	204-704-0	124-48-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
64	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
66	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
69	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
71	Propylbenzene	601-097-00-8	203-132-9	103-65-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
72	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
73	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
74	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
75	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
76	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
77	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
78	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
79	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
80	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								0.00583 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS07-1-26/07/2022-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS07-1-26/07/2022-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30-0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.2% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.9 mg/kg	1.32	6.068 mg/kg	0.000607 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.129 mg/kg	0.0000129 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	21.935 mg/kg	0.00219 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				11 mg/kg	1.126	11.617 mg/kg	0.00116 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	20 mg/kg	1.56	29.262 mg/kg	0.00188 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				8.4 mg/kg	2.976	23.451 mg/kg	0.00235 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.41 mg/kg	2.554	0.982 mg/kg	0.0000982 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				40 mg/kg	2.774	104.086 mg/kg	0.0104 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used						
	EU CLP index number	EC Number	CAS Number													
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-077-00-3	200-549-8	62-75-9													
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]													
44	bis(2-chloroethyl) ether										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4													
45	1,3-dichlorobenzene										<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1													
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
	602-035-00-2	203-400-5	106-46-7													
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
	602-034-00-7	202-425-9	95-50-1													
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		200-666-4	67-72-1													
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-098-00-8	210-698-0	621-64-7													
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	609-003-00-7	202-716-0	98-95-3													
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	606-012-00-8	201-126-0	78-59-1													
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		201-857-5	88-75-5													
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]													
54	bis(2-chloroethoxy)methane										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1													
55	2,4-dichlorophenol										<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2													
56	1,2,4-trichlorobenzene										<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1													
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	612-137-00-9	203-401-0	106-47-8													
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		201-765-5	87-68-3													
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-014-00-3	200-431-6	59-50-7													
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		202-078-3	91-57-6													
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	609-015-00-2	202-811-7	100-02-7													
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	602-078-00-7	201-029-3	77-47-4													
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-018-00-5	201-795-9	88-06-2													
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
	604-017-00-X	202-467-8	95-95-4													
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		202-079-9	91-58-7													
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD						
		205-011-6	131-11-3													

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0222 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS07-2-26/07/2022-0.60

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS07-2-26/07/2022-0.60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.60-0.80 m		
Moisture content:		
13%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				4.1	mg/kg	1.32	4.71	mg/kg	0.000471 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.1	mg/kg	1.462	10.3	mg/kg	0.00103 %	✓	
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				4.2	mg/kg	1.126	4.114	mg/kg	0.000411 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead chromate }			1	5.2	mg/kg	1.56	7.057	mg/kg	0.000452 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
7	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel chromate }				3.6	mg/kg	2.976	9.322	mg/kg	0.000932 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
9	selenium { nickel selenate }				<0.25	mg/kg	2.554	<0.638	mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc chromate }				16	mg/kg	2.774	38.616	mg/kg	0.00386 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		8.5 pH		8.5 pH	8.5 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			0.81 mg/kg		0.705 mg/kg	0.0000705 %	✓	
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			3 mg/kg		2.61 mg/kg	0.000261 %	✓	
26	pyrene 204-927-3	129-00-0			2.7 mg/kg		2.349 mg/kg	0.000235 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.3 mg/kg		1.131 mg/kg	0.000113 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.3 mg/kg		1.131 mg/kg	0.000113 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.62 mg/kg		0.539 mg/kg	0.0000539 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.65 mg/kg		0.566 mg/kg	0.0000566 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.2 mg/kg		1.044 mg/kg	0.000104 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			0.72 mg/kg		0.626 mg/kg	0.0000626 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			0.75 mg/kg		0.653 mg/kg	0.0000653 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0117 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS09-1-26/07/2022-1.00

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS09-1-26/07/2022-1.00	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.00-1.20 m		
Moisture content:		
13%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				5.4 mg/kg	1.32	6.203 mg/kg	0.00062 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.109 mg/kg	0.0000109 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	20.345 mg/kg	0.00203 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	13.713 mg/kg	0.00137 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	26 mg/kg	1.56	35.283 mg/kg	0.00226 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0589 mg/kg	0.00000589 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				7.4 mg/kg	2.976	19.161 mg/kg	0.00192 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.45 mg/kg	2.554	1.0 mg/kg	0.0001 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				50 mg/kg	2.774	120.675 mg/kg	0.0121 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				1.1 mg/kg	1.884	1.803 mg/kg	0.00018 %	✓	
18	pH		PH		8.6 pH		8.6 pH	8.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			0.36 mg/kg		0.313 mg/kg	0.0000313 %	✓	
24	anthracene 204-371-1	120-12-7			0.17 mg/kg		0.148 mg/kg	0.0000148 %	✓	
25	fluoranthene 205-912-4	206-44-0			1.3 mg/kg		1.131 mg/kg	0.000113 %	✓	
26	pyrene 204-927-3	129-00-0			1.2 mg/kg		1.044 mg/kg	0.000104 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.52 mg/kg		0.452 mg/kg	0.0000452 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.8 mg/kg		0.696 mg/kg	0.0000696 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.83 mg/kg		0.722 mg/kg	0.0000722 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.27 mg/kg		0.235 mg/kg	0.0000235 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.25 mg/kg		0.218 mg/kg	0.0000218 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 2 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0243 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS09-2-26/07/2022-1.4

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS09-2-26/07/2022-1.4	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.4-1.60 m		
Moisture content:		
23%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight Moisture Correction applied (MC)



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.1 mg/kg	1.32	4.168 mg/kg	0.000417 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11 mg/kg	1.462	12.379 mg/kg	0.00124 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				8.9 mg/kg	1.126	7.716 mg/kg	0.000772 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	22 mg/kg	1.56	26.423 mg/kg	0.00169 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				5.2 mg/kg	2.976	11.917 mg/kg	0.00119 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				39 mg/kg	2.774	83.308 mg/kg	0.00833 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		8.1 pH		8.1 pH	8.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			1.8 mg/kg		1.386 mg/kg	0.000139 %	✓	
24	anthracene 204-371-1	120-12-7			0.52 mg/kg		0.4 mg/kg	0.00004 %	✓	
25	fluoranthene 205-912-4	206-44-0			2.2 mg/kg		1.694 mg/kg	0.000169 %	✓	
26	pyrene 204-927-3	129-00-0			2.1 mg/kg		1.617 mg/kg	0.000162 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.3 mg/kg		1.001 mg/kg	0.0001 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.4 mg/kg		1.848 mg/kg	0.000185 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2.6 mg/kg		2.002 mg/kg	0.0002 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.93 mg/kg		0.716 mg/kg	0.0000716 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2 mg/kg		1.54 mg/kg	0.000154 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
36	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
43	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
44	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
45	monohydric phenols				2.2 mg/kg		1.694 mg/kg	0.000169 %	✓	
			P1186							
46	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
47	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
48	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
49	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
50	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
51	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
52	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
53	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
54	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
55	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
61	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
62	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
63	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
70	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
72	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
76	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
80	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
82	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total:								0.0164 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS13-1-26/07/2022-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS13-1-26/07/2022-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30-0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.2% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				5.1 mg/kg	1.32	6.114 mg/kg	0.000611 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.21 mg/kg	1.142	0.218 mg/kg	0.0000218 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	21.233 mg/kg	0.00212 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	23.513 mg/kg	0.00235 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	51 mg/kg	1.56	72.232 mg/kg	0.00463 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.08 mg/kg	1.353	0.0983 mg/kg	0.00000983 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				8.7 mg/kg	2.976	23.511 mg/kg	0.00235 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.29 mg/kg	2.554	0.672 mg/kg	0.0000672 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				68 mg/kg	2.774	171.287 mg/kg	0.0171 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.9 mg/kg	1.884	1.54 mg/kg	0.000154 %	✓	
18	pH		PH		8.7 pH		8.7 pH	8.7 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.33 mg/kg		0.3 mg/kg	0.00003 %	✓	
20	acenaphthylene 205-917-1	208-96-8			0.27 mg/kg		0.245 mg/kg	0.0000245 %	✓	
21	acenaphthene 201-469-6	83-32-9			0.52 mg/kg		0.472 mg/kg	0.0000472 %	✓	
22	fluorene 201-695-5	86-73-7			0.6 mg/kg		0.545 mg/kg	0.0000545 %	✓	
23	phenanthrene 201-581-5	85-01-8			5 mg/kg		4.54 mg/kg	0.000454 %	✓	
24	anthracene 204-371-1	120-12-7			1.8 mg/kg		1.634 mg/kg	0.000163 %	✓	
25	fluoranthene 205-912-4	206-44-0			7.3 mg/kg		6.628 mg/kg	0.000663 %	✓	
26	pyrene 204-927-3	129-00-0			7 mg/kg		6.356 mg/kg	0.000636 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		3 mg/kg		2.724 mg/kg	0.000272 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		3.6 mg/kg		3.269 mg/kg	0.000327 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		3.8 mg/kg		3.45 mg/kg	0.000345 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		1.5 mg/kg		1.362 mg/kg	0.000136 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		3.3 mg/kg		2.996 mg/kg	0.0003 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			2 mg/kg		1.816 mg/kg	0.000182 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.66 mg/kg		0.599 mg/kg	0.0000599 %	✓	
34	benzo[ghi]perylene 205-883-8	191-24-2			2.3 mg/kg		2.088 mg/kg	0.000209 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
44	bis(2-chloroethyl) ether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
45	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4							
		202-461-5 [2]	[2] 105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								
54	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
55	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0365 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS14-2-26/07/2022-0.90

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS14-2-26/07/2022-0.90	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.90-1.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.5 mg/kg	1.32	4.113 mg/kg	0.000411 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.1 mg/kg	1.142	0.102 mg/kg	0.0000102 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.8 mg/kg	1.462	11.447 mg/kg	0.00114 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				8.5 mg/kg	1.126	8.517 mg/kg	0.000852 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	44 mg/kg	1.56	61.082 mg/kg	0.00392 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				5.8 mg/kg	2.976	15.363 mg/kg	0.00154 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				49 mg/kg	2.774	120.981 mg/kg	0.0121 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.6 mg/kg	1.884	1.006 mg/kg	0.000101 %	✓	
18	pH		PH		5.9 pH		5.9 pH	5.9 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			0.23 mg/kg		0.205 mg/kg	0.0000205 %	✓	
26	pyrene 204-927-3	129-00-0			0.26 mg/kg		0.231 mg/kg	0.0000231 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
44	bis(2-chloroethyl) ether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
45	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4							
		202-461-5 [2]	[2] 105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								
54	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
55	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0235 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS14-1-26/07/2022-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS14-1-26/07/2022-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30-0.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				5.2 mg/kg	1.32	5.767 mg/kg	0.000577 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	12.277 mg/kg	0.00123 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				4.9 mg/kg	1.126	4.634 mg/kg	0.000463 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	6.4 mg/kg	1.56	8.386 mg/kg	0.000538 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				5 mg/kg	2.976	12.5 mg/kg	0.00125 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				12 mg/kg	2.774	27.963 mg/kg	0.0028 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.7 mg/kg	1.884	1.108 mg/kg	0.000111 %	✓	
18	pH		PH		6.6 pH		6.6 pH	6.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 2 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0104 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS15-1-26/07/2022-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS15-1-26/07/2022-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30-1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				2.3	mg/kg	1.32	2.429 mg/kg	0.000243 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.1	mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4	mg/kg	1.462	4.677 mg/kg	0.000468 %	✓	
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				1.4	mg/kg	1.126	1.261 mg/kg	0.000126 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead chromate }			1	8.3	mg/kg	1.56	10.357 mg/kg	0.000664 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
7	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel chromate }				1.3	mg/kg	2.976	3.095 mg/kg	0.00031 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
9	selenium { nickel selenate }				<0.25	mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				6	mg/kg	2.774	13.316 mg/kg	0.00133 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				1 mg/kg	1.884	1.507 mg/kg	0.000151 %	✓	
18	pH		PH		7.3 pH		7.3 pH	7.3 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used				
	EU CLP index number	EC Number	CAS Number											
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-077-00-3	200-549-8	62-75-9											
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]											
44	bis(2-chloroethyl) ether					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4											
45	1,3-dichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1											
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-035-00-2	203-400-5	106-46-7											
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-034-00-7	202-425-9	95-50-1											
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		200-666-4	67-72-1											
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-098-00-8	210-698-0	621-64-7											
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-003-00-7	202-716-0	98-95-3											
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	606-012-00-8	201-126-0	78-59-1											
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		201-857-5	88-75-5											
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]											
54	bis(2-chloroethoxy)methane					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1											
55	2,4-dichlorophenol					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2											
56	1,2,4-trichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1											
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-137-00-9	203-401-0	106-47-8											
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
		201-765-5	87-68-3											
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-014-00-3	200-431-6	59-50-7											
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-078-3	91-57-6											
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-015-00-2	202-811-7	100-02-7											
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	602-078-00-7	201-029-3	77-47-4											
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-018-00-5	201-795-9	88-06-2											
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-017-00-X	202-467-8	95-95-4											
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-079-9	91-58-7											
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		205-011-6	131-11-3											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				0.19 mg/kg		0.152 mg/kg	0.0000152 %	✓	
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.00674 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS17-2-26/07/2022-0.75

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS17-2-26/07/2022-0.75	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.75-1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				6 mg/kg	1.32	6.971 mg/kg	0.000697 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.7 mg/kg	1.462	12.476 mg/kg	0.00125 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				4.8 mg/kg	1.126	4.756 mg/kg	0.000476 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	22 mg/kg	1.56	30.198 mg/kg	0.00194 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				4.9 mg/kg	2.976	12.834 mg/kg	0.00128 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.29 mg/kg	2.554	0.652 mg/kg	0.0000652 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				23 mg/kg	2.774	56.149 mg/kg	0.00561 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				1 mg/kg	1.884	1.658 mg/kg	0.000166 %	✓	
18	pH		PH		7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.11 mg/kg		0.0968 mg/kg	0.00000968 %	✓	
20	acenaphthylene 205-917-1	208-96-8			0.33 mg/kg		0.29 mg/kg	0.000029 %	✓	
21	acenaphthene 201-469-6	83-32-9			0.68 mg/kg		0.598 mg/kg	0.0000598 %	✓	
22	fluorene 201-695-5	86-73-7			0.64 mg/kg		0.563 mg/kg	0.0000563 %	✓	
23	phenanthrene 201-581-5	85-01-8			7.6 mg/kg		6.688 mg/kg	0.000669 %	✓	
24	anthracene 204-371-1	120-12-7			2.4 mg/kg		2.112 mg/kg	0.000211 %	✓	
25	fluoranthene 205-912-4	206-44-0			14 mg/kg		12.32 mg/kg	0.00123 %	✓	
26	pyrene 204-927-3	129-00-0			13 mg/kg		11.44 mg/kg	0.00114 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		7 mg/kg		6.16 mg/kg	0.000616 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		6.3 mg/kg		5.544 mg/kg	0.000554 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		9.6 mg/kg		8.448 mg/kg	0.000845 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.3 mg/kg		2.904 mg/kg	0.00029 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		6.9 mg/kg		6.072 mg/kg	0.000607 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			4.9 mg/kg		4.312 mg/kg	0.000431 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.3 mg/kg		1.144 mg/kg	0.000114 %	✓	
34	benzo[ghi]perylene 205-883-8	191-24-2			5 mg/kg		4.4 mg/kg	0.00044 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
44	bis(2-chloroethyl) ether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
45	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4							
		202-461-5 [2]	[2] 105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								
54	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
55	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.022 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS17-1-26/07/2022-0.45

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS17-1-26/07/2022-0.45	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.45-0.65 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.3% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				2.6 mg/kg	1.32	3.217 mg/kg	0.000322 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.8 mg/kg	1.462	10.682 mg/kg	0.00107 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	12.659 mg/kg	0.00127 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	42 mg/kg	1.56	61.385 mg/kg	0.00394 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.25 mg/kg	1.353	0.317 mg/kg	0.0000317 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				4.6 mg/kg	2.976	12.828 mg/kg	0.00128 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				57 mg/kg	2.774	148.164 mg/kg	0.0148 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				870 mg/kg		815.19 mg/kg	0.0815 %	✓	
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			2.7 mg/kg		2.53 mg/kg	0.000253 %	✓	
24	anthracene 204-371-1	120-12-7			1.6 mg/kg		1.499 mg/kg	0.00015 %	✓	
25	fluoranthene 205-912-4	206-44-0			6.2 mg/kg		5.809 mg/kg	0.000581 %	✓	
26	pyrene 204-927-3	129-00-0			6.8 mg/kg		6.372 mg/kg	0.000637 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		4.6 mg/kg		4.31 mg/kg	0.000431 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		4.1 mg/kg		3.842 mg/kg	0.000384 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		8.4 mg/kg		7.871 mg/kg	0.000787 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.5 mg/kg		3.28 mg/kg	0.000328 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		7 mg/kg		6.559 mg/kg	0.000656 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			5.5 mg/kg		5.154 mg/kg	0.000515 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.6 mg/kg		1.499 mg/kg	0.00015 %	✓	
34	benzo[ghi]perylene 205-883-8	191-24-2			8.3 mg/kg		7.777 mg/kg	0.000778 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.112 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0815%)

Classification of sample: WS19-1-26/07/2022-0.20

 **Hazardous Waste**
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS19-1-26/07/2022-0.20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.20-0.30 m		
Moisture content:		
6% (wet weight correction)		

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

Determinands

Moisture content: 6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.6 mg/kg	1.32	4.468 mg/kg	0.000447 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.215 mg/kg	0.0000215 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	13.739 mg/kg	0.00137 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				11 mg/kg	1.126	11.642 mg/kg	0.00116 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	35 mg/kg	1.56	51.318 mg/kg	0.00329 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0636 mg/kg	0.00000636 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				8 mg/kg	2.976	22.382 mg/kg	0.00224 %	✓	
	028-035-00-7	238-766-5	14721-18-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				79 mg/kg	2.774	206.008 mg/kg	0.0206 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				1200 mg/kg		1128 mg/kg	0.113 %	✓	
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
16	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
18	pH				8.6 pH		8.6 pH	8.6 pH		
			PH							
19	naphthalene				1.6 mg/kg		1.504 mg/kg	0.00015 %	✓	
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				0.72 mg/kg		0.677 mg/kg	0.0000677 %	✓	
		205-917-1	208-96-8							
21	acenaphthene				2.3 mg/kg		2.162 mg/kg	0.000216 %	✓	
		201-469-6	83-32-9							
22	fluorene				2.1 mg/kg		1.974 mg/kg	0.000197 %	✓	
		201-695-5	86-73-7							
23	phenanthrene				13 mg/kg		12.22 mg/kg	0.00122 %	✓	
		201-581-5	85-01-8							
24	anthracene				3.6 mg/kg		3.384 mg/kg	0.000338 %	✓	
		204-371-1	120-12-7							
25	fluoranthene				20 mg/kg		18.8 mg/kg	0.00188 %	✓	
		205-912-4	206-44-0							
26	pyrene				17 mg/kg		15.98 mg/kg	0.0016 %	✓	
		204-927-3	129-00-0							
27	benzo[a]anthracene				9.4 mg/kg		8.836 mg/kg	0.000884 %	✓	
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				8.3 mg/kg		7.802 mg/kg	0.00078 %	✓	
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				13 mg/kg		12.22 mg/kg	0.00122 %	✓	
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				5.1 mg/kg		4.794 mg/kg	0.000479 %	✓	
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				10 mg/kg		9.4 mg/kg	0.00094 %	✓	
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				7.8 mg/kg		7.332 mg/kg	0.000733 %	✓	
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				3 mg/kg		2.82 mg/kg	0.000282 %	✓	
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				10 mg/kg		9.4 mg/kg	0.00094 %	✓	
		205-883-8	191-24-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3	200-549-8	62-75-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4	67-72-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8	210-698-0	621-64-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5	88-75-5			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5	87-68-3			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	2-methyl naphthalene	202-078-3	91-57-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene	202-079-9	91-58-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate	205-011-6	131-11-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
67	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	dibenzofuran	205-071-3	132-64-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	diethyl phthalate	201-550-6	84-66-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	DNOC (ISO); 4,6-dinitro-o-cresol	609-020-00-X	208-601-1	534-52-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
73	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
74	4-bromophenylphenylether	202-952-4	101-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	carbazole	201-696-0	86-74-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
77	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
78	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
80	di-n-octyl phthalate	204-214-7	117-84-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
81	monohydric phenols		P1186		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
85	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
86	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
89	chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
93	dibromomethane 602-003-00-8 200-824-2 74-95-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
94	bromodichloromethane 200-856-7 75-27-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
97	1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	1,3-dichloropropane 205-531-3 142-28-9				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
99	dibromochloromethane 204-704-0 124-48-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
100	1,2-dibromoethane 602-010-00-6 203-444-5 106-93-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
101	chlorobenzene 602-033-00-1 203-628-5 108-90-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
103	styrene 601-026-00-0 202-851-5 100-42-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
105	cumene; [1] propylbenzene [2] 601-024-00-X 202-704-5 [1] 98-82-8 [1] 203-132-9 [2] 103-65-1 [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	bromobenzene 602-060-00-9 203-623-8 108-86-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
108	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
114	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
115	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
116	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]							
		202-423-8 [2]	95-48-7 [2]							
		203-398-6 [3]	106-44-5 [3]							
		215-293-2 [4]			1319-77-3 [4]					
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1]							
		202-729-1 [2]	99-09-2 [2]							
		202-810-1 [3]	100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.156 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Hazardous result
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

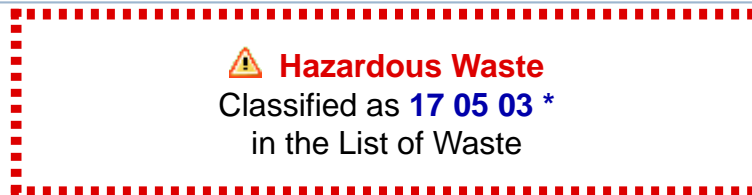
Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

Classification of sample: WS20-2-26/07/2022-0.60



Sample details

Sample name:	LoW Code:	
WS20-2-26/07/2022-0.60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.60-1.00 m		
Moisture content:		
2.9%		
(wet weight correction)		

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.146%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.146%)

Determinands

Moisture content: 2.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.4 mg/kg	1.32	5.641 mg/kg	0.000564 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.16 mg/kg	1.142	0.177 mg/kg	0.0000177 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11 mg/kg	1.462	15.611 mg/kg	0.00156 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				8.6 mg/kg	1.126	9.402 mg/kg	0.00094 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	21 mg/kg	1.56	31.806 mg/kg	0.00204 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				6.5 mg/kg	2.976	18.785 mg/kg	0.00188 %	✓	
	028-035-00-7	238-766-5	14721-18-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD	
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				38 mg/kg	2.774	102.36 mg/kg	0.0102 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				1500 mg/kg		1456.5 mg/kg	0.146 %	✓		
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
16	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD	
	006-007-00-5										
18	pH				8.2 pH		8.2 pH	8.2 pH			
			PH								
19	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
20	acenaphthylene				1 mg/kg		0.971 mg/kg	0.0000971 %	✓		
		205-917-1	208-96-8								
21	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
22	fluorene				0.58 mg/kg		0.563 mg/kg	0.0000563 %	✓		
		201-695-5	86-73-7								
23	phenanthrene				12 mg/kg		11.652 mg/kg	0.00117 %	✓		
		201-581-5	85-01-8								
24	anthracene				3.7 mg/kg		3.593 mg/kg	0.000359 %	✓		
		204-371-1	120-12-7								
25	fluoranthene				38 mg/kg		36.898 mg/kg	0.00369 %	✓		
		205-912-4	206-44-0								
26	pyrene				30 mg/kg		29.13 mg/kg	0.00291 %	✓		
		204-927-3	129-00-0								
27	benzo[a]anthracene				18 mg/kg		17.478 mg/kg	0.00175 %	✓		
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				10 mg/kg		9.71 mg/kg	0.000971 %	✓		
	601-048-00-0	205-923-4	218-01-9								
29	benzo[b]fluoranthene				21 mg/kg		20.391 mg/kg	0.00204 %	✓		
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				4.8 mg/kg		4.661 mg/kg	0.000466 %	✓		
	601-036-00-5	205-916-6	207-08-9								
31	benzo[a]pyrene; benzo[def]chrysene				9.9 mg/kg		9.613 mg/kg	0.000961 %	✓		
	601-032-00-3	200-028-5	50-32-8								
32	indeno[123-cd]pyrene				7.7 mg/kg		7.477 mg/kg	0.000748 %	✓		
		205-893-2	193-39-5								
33	dibenz[a,h]anthracene				2 mg/kg		1.942 mg/kg	0.000194 %	✓		
	601-041-00-2	200-181-8	53-70-3								
34	benzo[ghi]perylene				11 mg/kg		10.681 mg/kg	0.00107 %	✓		
		205-883-8	191-24-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3	200-549-8	62-75-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4	67-72-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8	210-698-0	621-64-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5	88-75-5			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5	87-68-3			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	2-methyl naphthalene	202-078-3	91-57-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene	202-079-9	91-58-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate	205-011-6	131-11-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
67	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	dibenzofuran	205-071-3	132-64-9		0.51 mg/kg		0.495 mg/kg	0.0000495 %	✓	
69	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	diethyl phthalate	201-550-6	84-66-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	DNOC (ISO); 4,6-dinitro-o-cresol	609-020-00-X	208-601-1	534-52-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
73	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
74	4-bromophenylphenylether	202-952-4	101-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	carbazole	201-696-0	86-74-8		1.3 mg/kg		1.262 mg/kg	0.000126 %	✓	
77	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
78	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
80	di-n-octyl phthalate	204-214-7	117-84-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
81	monohydric phenols		P1186		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
85	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
86	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
89	chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
93	dibromomethane 602-003-00-8 200-824-2 74-95-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
94	bromodichloromethane 200-856-7 75-27-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
97	1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	1,3-dichloropropane 205-531-3 142-28-9				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
99	dibromochloromethane 204-704-0 124-48-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
100	1,2-dibromoethane 602-010-00-6 203-444-5 106-93-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
101	chlorobenzene 602-033-00-1 203-628-5 108-90-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
103	styrene 601-026-00-0 202-851-5 100-42-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
105	cumene; [1] propylbenzene [2] 601-024-00-X 202-704-5 [1] 98-82-8 [1] 203-132-9 [2] 103-65-1 [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	bromobenzene 602-060-00-9 203-623-8 108-86-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
108	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
114	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
115	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
116	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]							
		202-423-8 [2]	95-48-7 [2]							
		203-398-6 [3]	106-44-5 [3]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1]							
		202-729-1 [2]	99-09-2 [2]							
		202-810-1 [3]	100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
								Total:	0.182 %	

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Hazardous result
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.146%)

Classification of sample: WS20-1-26/07/2022-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS20-1-26/07/2022-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30-0.40 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.2% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.8 mg/kg	1.32	5.881 mg/kg	0.000588 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.212 mg/kg	0.0000212 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.9 mg/kg	1.462	13.428 mg/kg	0.00134 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	14.628 mg/kg	0.00146 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	33 mg/kg	1.56	47.768 mg/kg	0.00306 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				8 mg/kg	2.976	22.096 mg/kg	0.00221 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				76 mg/kg	2.774	195.655 mg/kg	0.0196 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.7 mg/kg	1.884	1.224 mg/kg	0.000122 %	✓	
18	pH		PH		9.2 pH		9.2 pH	9.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			0.44 mg/kg		0.408 mg/kg	0.0000408 %	✓	
24	anthracene 204-371-1	120-12-7			0.25 mg/kg		0.232 mg/kg	0.0000232 %	✓	
25	fluoranthene 205-912-4	206-44-0			1.3 mg/kg		1.206 mg/kg	0.000121 %	✓	
26	pyrene 204-927-3	129-00-0			1.6 mg/kg		1.485 mg/kg	0.000148 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.2 mg/kg		1.114 mg/kg	0.000111 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.5 mg/kg		1.392 mg/kg	0.000139 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.5 mg/kg		1.392 mg/kg	0.000139 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.96 mg/kg		0.891 mg/kg	0.0000891 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2 mg/kg		1.856 mg/kg	0.000186 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
44	bis(2-chloroethyl) ether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
45	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4							
		202-461-5 [2]	[2] 105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								
54	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
55	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0327 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS21-1-26/07/2022-0.40

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS21-1-26/07/2022-0.40	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.40-0.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
24%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 24% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				4.2	mg/kg	1.32	4.214 mg/kg	0.000421 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.16	mg/kg	1.142	0.139 mg/kg	0.0000139 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11	mg/kg	1.462	12.219 mg/kg	0.00122 %	✓	
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				130	mg/kg	1.126	111.238 mg/kg	0.0111 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead chromate }			1	60	mg/kg	1.56	71.128 mg/kg	0.00456 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
7	mercury { mercury dichloride }				0.07	mg/kg	1.353	0.072 mg/kg	0.0000072 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel chromate }				7.6	mg/kg	2.976	17.191 mg/kg	0.00172 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
9	selenium { nickel selenate }				<0.25	mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				78	mg/kg	2.774	164.451 mg/kg	0.0164 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				490	mg/kg		372.4 mg/kg	0.0372 %	✓	
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.9 mg/kg	1.884	1.289 mg/kg	0.000129 %	✓	
18	pH		PH		7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
44	bis(2-chloroethyl) ether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
45	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4							
		202-461-5 [2]	[2] 105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								
54	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
55	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				0.24 mg/kg		0.182 mg/kg	0.0000182 %	✓	
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0753 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0372%)

Classification of sample: WS21-2-26/07/2022-1.25

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS21-2-26/07/2022-1.25	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.25-1.50 m	
Moisture content:	
11%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				2.3 mg/kg	1.32	2.703 mg/kg	0.00027 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.2 mg/kg	1.462	5.463 mg/kg	0.000546 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				3.9 mg/kg	1.126	3.908 mg/kg	0.000391 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	12 mg/kg	1.56	16.659 mg/kg	0.00107 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				3.9 mg/kg	2.976	10.331 mg/kg	0.00103 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				8.5 mg/kg	2.774	20.986 mg/kg	0.0021 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				1.3 mg/kg	1.884	2.18 mg/kg	0.000218 %	✓	
18	pH		PH		6.4 pH		6.4 pH	6.4 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
36	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
43	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
44	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
45	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
46	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
47	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
48	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
49	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
50	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
51	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
52	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
53	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
54	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
55	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
61	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
62	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
63	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
70	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
72	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
76	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
80	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
82	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total:								0.00701 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS22-1-26/07/2022-1.10

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS22-1-26/07/2022-1.10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.10-1.30 m	
Moisture content:	
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				9.3 mg/kg	1.32	11.051 mg/kg	0.00111 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	21.046 mg/kg	0.0021 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				5.2 mg/kg	1.126	5.269 mg/kg	0.000527 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	7 mg/kg	1.56	9.827 mg/kg	0.00063 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				5.5 mg/kg	2.976	14.733 mg/kg	0.00147 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.28 mg/kg	2.554	0.644 mg/kg	0.0000644 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				14 mg/kg	2.774	34.954 mg/kg	0.0035 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used				
	EU CLP index number	EC Number	CAS Number											
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-077-00-3	200-549-8	62-75-9											
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]											
44	bis(2-chloroethyl) ether					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4											
45	1,3-dichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1											
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-035-00-2	203-400-5	106-46-7											
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-034-00-7	202-425-9	95-50-1											
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		200-666-4	67-72-1											
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-098-00-8	210-698-0	621-64-7											
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-003-00-7	202-716-0	98-95-3											
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	606-012-00-8	201-126-0	78-59-1											
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		201-857-5	88-75-5											
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]											
54	bis(2-chloroethoxy)methane					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1											
55	2,4-dichlorophenol					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2											
56	1,2,4-trichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1											
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-137-00-9	203-401-0	106-47-8											
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
		201-765-5	87-68-3											
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-014-00-3	200-431-6	59-50-7											
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-078-3	91-57-6											
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-015-00-2	202-811-7	100-02-7											
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	602-078-00-7	201-029-3	77-47-4											
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-018-00-5	201-795-9	88-06-2											
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-017-00-X	202-467-8	95-95-4											
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-079-9	91-58-7											
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		205-011-6	131-11-3											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0129 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS23-2-26/07/2022-0.20

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS23-2-26/07/2022-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20-0.40 m	
Moisture content:	
8.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.5% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.5 mg/kg	1.32	5.436 mg/kg	0.000544 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11 mg/kg	1.462	14.711 mg/kg	0.00147 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				7.8 mg/kg	1.126	8.035 mg/kg	0.000804 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	12 mg/kg	1.56	17.127 mg/kg	0.0011 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				5.2 mg/kg	2.976	14.161 mg/kg	0.00142 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.27 mg/kg	2.554	0.631 mg/kg	0.0000631 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				22 mg/kg	2.774	55.844 mg/kg	0.00558 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		9.5 pH		9.5 pH	9.5 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			2.8 mg/kg		2.562 mg/kg	0.000256 %	✓	
24	anthracene 204-371-1	120-12-7			0.79 mg/kg		0.723 mg/kg	0.0000723 %	✓	
25	fluoranthene 205-912-4	206-44-0			4.1 mg/kg		3.751 mg/kg	0.000375 %	✓	
26	pyrene 204-927-3	129-00-0			3.3 mg/kg		3.02 mg/kg	0.000302 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.8 mg/kg		1.647 mg/kg	0.000165 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.6 mg/kg		2.379 mg/kg	0.000238 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.8 mg/kg		1.647 mg/kg	0.000165 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.68 mg/kg		0.622 mg/kg	0.0000622 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.1 mg/kg		1.007 mg/kg	0.000101 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used				
	EU CLP index number	EC Number	CAS Number											
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-077-00-3	200-549-8	62-75-9											
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]											
44	bis(2-chloroethyl) ether					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4											
45	1,3-dichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1											
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-035-00-2	203-400-5	106-46-7											
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-034-00-7	202-425-9	95-50-1											
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		200-666-4	67-72-1											
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-098-00-8	210-698-0	621-64-7											
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-003-00-7	202-716-0	98-95-3											
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	606-012-00-8	201-126-0	78-59-1											
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		201-857-5	88-75-5											
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]											
54	bis(2-chloroethoxy)methane					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1											
55	2,4-dichlorophenol					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2											
56	1,2,4-trichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1											
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-137-00-9	203-401-0	106-47-8											
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
		201-765-5	87-68-3											
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-014-00-3	200-431-6	59-50-7											
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-078-3	91-57-6											
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-015-00-2	202-811-7	100-02-7											
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	602-078-00-7	201-029-3	77-47-4											
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-018-00-5	201-795-9	88-06-2											
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-017-00-X	202-467-8	95-95-4											
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-079-9	91-58-7											
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		205-011-6	131-11-3											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				0.3 mg/kg		0.274 mg/kg	0.0000274 %	✓	
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0161 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS23-1-26/07/2022-0.05

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS23-1-26/07/2022-0.05	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.05-0.05 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				7.8	mg/kg	1.32	9.063 mg/kg	0.000906 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.11	mg/kg	1.142	0.111 mg/kg	0.0000111 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				250	mg/kg	1.462	321.542 mg/kg	0.0322 %	✓	
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				350	mg/kg	1.126	346.774 mg/kg	0.0347 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead chromate }			1	17	mg/kg	1.56	23.335 mg/kg	0.0015 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
7	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel chromate }				120	mg/kg	2.976	314.294 mg/kg	0.0314 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
9	selenium { nickel selenate }				0.29	mg/kg	2.554	0.652 mg/kg	0.0000652 %	✓	
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				69	mg/kg	2.774	168.446 mg/kg	0.0168 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		8.7 pH		8.7 pH	8.7 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			0.61 mg/kg		0.537 mg/kg	0.0000537 %	✓	
26	pyrene 204-927-3	129-00-0			0.75 mg/kg		0.66 mg/kg	0.000066 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	dimethylnitrosoamine; N-nitrosodimethylamine 612-077-00-3 200-549-8 62-75-9				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
44	bis(2-chloroethyl) ether 603-029-00-2 203-870-1 111-44-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
45	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	hexachloroethane 200-666-4 67-72-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
49	nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	nitrobenzene 609-003-00-7 202-716-0 98-95-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
51	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8 201-126-0 78-59-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2-nitrophenol 201-857-5 88-75-5				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7] 604-006-00-X 202-439-5 [1] 95-65-8 [1] 95-87-4 202-461-5 [2] 105-67-9 [3] 203-321-6 [3] 526-75-0 [4] 208-395-3 [4] 576-26-1 [5] 209-400-1 [5] 1300-71-6 [6] 215-089-3 [6] 71975-58-1 [7] 276-245-4 [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	4-chloroaniline 612-137-00-9 203-401-0 106-47-8				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	hexachlorobutadiene 201-765-5 87-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3 200-431-6 59-50-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
60	2-methyl naphthalene 202-078-3 91-57-6				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	4-nitrophenol; p-nitrophenol 609-015-00-2 202-811-7 100-02-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	hexachlorocyclopentadiene 602-078-00-7 201-029-3 77-47-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
64	2,4,5-trichlorophenol 604-017-00-X 202-467-8 95-95-4				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	2-chloronaphthalene 202-079-9 91-58-7				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
66	dimethyl phthalate 205-011-6 131-11-3				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				0.23 mg/kg		0.202 mg/kg	0.0000202 %	✓	
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				1.4 mg/kg		1.232 mg/kg	0.000123 %	✓	
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.121 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS24-1-26/07/2022-1.00

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS24-1-26/07/2022-1.00	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.00-1.20 m		
Moisture content:		
13%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				6.8 mg/kg	1.32	7.811 mg/kg	0.000781 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.119 mg/kg	0.0000119 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				190 mg/kg	1.462	241.595 mg/kg	0.0242 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				280 mg/kg	1.126	274.266 mg/kg	0.0274 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	18 mg/kg	1.56	24.427 mg/kg	0.00157 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				95 mg/kg	2.976	245.988 mg/kg	0.0246 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.28 mg/kg	2.554	0.622 mg/kg	0.0000622 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				66 mg/kg	2.774	159.291 mg/kg	0.0159 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			1.6 mg/kg		1.392 mg/kg	0.000139 %	✓	
24	anthracene 204-371-1	120-12-7			0.58 mg/kg		0.505 mg/kg	0.0000505 %	✓	
25	fluoranthene 205-912-4	206-44-0			3.1 mg/kg		2.697 mg/kg	0.00027 %	✓	
26	pyrene 204-927-3	129-00-0			3.1 mg/kg		2.697 mg/kg	0.00027 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.8 mg/kg		1.566 mg/kg	0.000157 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.8 mg/kg		1.566 mg/kg	0.000157 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		3.1 mg/kg		2.697 mg/kg	0.00027 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		1 mg/kg		0.87 mg/kg	0.000087 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2.5 mg/kg		2.175 mg/kg	0.000217 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			1.7 mg/kg		1.479 mg/kg	0.000148 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.74 mg/kg		0.644 mg/kg	0.0000644 %	✓	
34	benzo[ghi]perylene 205-883-8	191-24-2			3.2 mg/kg		2.784 mg/kg	0.000278 %	✓	
35	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
36	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
43	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
44	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
45	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
46	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
47	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
48	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
49	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
50	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
51	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
52	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
53	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
54	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
55	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
61	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
62	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
63	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
70	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
72	Propylbenzene 601-097-00-8 203-132-9 103-65-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	tert-butylbenzene 202-632-4 98-06-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
76	sec-butylbenzene 205-227-0 135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	4-isopropyltoluene 202-796-7 99-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	n-butylbenzene 203-209-7 104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
80	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
82	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total:								0.0979 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS24-2-26/07/2022-1.80

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS24-2-26/07/2022-1.80	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.80-2.00 m	
Moisture content:	
9.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				3.5 mg/kg	1.32	4.178 mg/kg	0.000418 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.207 mg/kg	0.0000207 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	22.461 mg/kg	0.00225 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	26.463 mg/kg	0.00265 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	16 mg/kg	1.56	22.561 mg/kg	0.00145 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				9.6 mg/kg	2.976	25.829 mg/kg	0.00258 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.31 mg/kg	2.554	0.716 mg/kg	0.0000716 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				50 mg/kg	2.774	125.391 mg/kg	0.0125 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
12	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
13	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
14	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
15	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }			<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
17		pH			8.6	pH		8.6	pH	8.6 pH		
			PH									
18		naphthalene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
20		acenaphthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
21		fluorene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
22		phenanthrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
23		anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
24		fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
25		pyrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
26		benzo[a]anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
27		chrysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
32		dibenz[a,h]anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)			<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
39		1,3-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
44	monohydric phenols		P1186		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
48	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
49	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
50	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
51	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
52	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
53	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
54	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
55	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
56	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	bromodichloromethane	200-856-7	75-27-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	1,3-dichloropropane	205-531-3	142-28-9		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
62	dibromochloromethane	204-704-0	124-48-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
64	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
66	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
69	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
71	Propylbenzene	601-097-00-8	203-132-9	103-65-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
72	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
73	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
74	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
75	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
76	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
77	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
78	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
79	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
80	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								0.0224 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS25-1-26/07/2022-1.30

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS25-1-26/07/2022-1.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.30-1.50 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				2.7 mg/kg	1.32	3.101 mg/kg	0.00031 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.2 mg/kg	1.462	7.884 mg/kg	0.000788 %	✓	
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				6.9 mg/kg	1.126	6.759 mg/kg	0.000676 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead chromate }			1	14 mg/kg	1.56	18.999 mg/kg	0.00122 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel chromate }				3.3 mg/kg	2.976	8.545 mg/kg	0.000854 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
9	selenium { nickel selenate }				0.26 mg/kg	2.554	0.578 mg/kg	0.0000578 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc chromate }				27 mg/kg	2.774	65.165 mg/kg	0.00652 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.9 pH		7.9 pH	7.9 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used				
	EU CLP index number	EC Number	CAS Number											
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-077-00-3	200-549-8	62-75-9											
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]											
44	bis(2-chloroethyl) ether					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4											
45	1,3-dichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1											
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-035-00-2	203-400-5	106-46-7											
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-034-00-7	202-425-9	95-50-1											
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		200-666-4	67-72-1											
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-098-00-8	210-698-0	621-64-7											
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-003-00-7	202-716-0	98-95-3											
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	606-012-00-8	201-126-0	78-59-1											
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		201-857-5	88-75-5											
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]											
54	bis(2-chloroethoxy)methane					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1											
55	2,4-dichlorophenol					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2											
56	1,2,4-trichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1											
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-137-00-9	203-401-0	106-47-8											
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
		201-765-5	87-68-3											
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-014-00-3	200-431-6	59-50-7											
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-078-3	91-57-6											
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-015-00-2	202-811-7	100-02-7											
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	602-078-00-7	201-029-3	77-47-4											
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-018-00-5	201-795-9	88-06-2											
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-017-00-X	202-467-8	95-95-4											
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-079-9	91-58-7											
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		205-011-6	131-11-3											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0139 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: W2S26-1-26/07/2022-1.80

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
W2S26-1-26/07/2022-1.80	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.80-1.95 m		
Moisture content:		
11%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				3.7	mg/kg	1.32	4.348 mg/kg	0.000435 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.1	mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.5	mg/kg	1.462	12.357 mg/kg	0.00124 %	✓	
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				4.6	mg/kg	1.126	4.609 mg/kg	0.000461 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead chromate }			1	8.9	mg/kg	1.56	12.355 mg/kg	0.000792 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
7	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel chromate }				0.78	mg/kg	2.976	2.066 mg/kg	0.000207 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
9	selenium { nickel selenate }				0.36	mg/kg	2.554	0.818 mg/kg	0.0000818 %	✓	
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				6.4	mg/kg	2.774	15.802 mg/kg	0.00158 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
12	benzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
13	toluene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
14	ethylbenzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
15	xylene				<0.002	mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }			<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
17		pH			7.8	pH		7.8	pH	7.8 pH		
			PH									
18		naphthalene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
20		acenaphthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
21		fluorene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
22		phenanthrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
23		anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
24		fluoranthene			0.45	mg/kg		0.401	mg/kg	0.0000401 %	✓	
		205-912-4	206-44-0									
25		pyrene			0.59	mg/kg		0.525	mg/kg	0.0000525 %	✓	
		204-927-3	129-00-0									
26		benzo[a]anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
27		chrysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
32		dibenz[a,h]anthracene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)			<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
39		1,3-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1									
40		1,4-dichlorobenzene; p-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7									
41		1,2-dichlorobenzene; o-dichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1									
42		1,2,4-trichlorobenzene			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
44	monohydric phenols		P1186		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
48	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
49	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
50	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
51	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
52	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
53	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
54	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
55	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
56	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	bromodichloromethane	200-856-7	75-27-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	1,3-dichloropropane	205-531-3	142-28-9		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
62	dibromochloromethane	204-704-0	124-48-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
64	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
66	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
69	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
71	Propylbenzene	601-097-00-8	203-132-9	103-65-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
72	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
73	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
74	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
75	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
76	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
77	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
78	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
79	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
80	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
81	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								0.00528 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS19-26/07/2022-0.60

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS19-26/07/2022-0.60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.60-0.80 m		
Moisture content:		
8.8%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 8.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				5.8	mg/kg	1.32	6.984 mg/kg	0.000698 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.2	mg/kg	1.142	0.208 mg/kg	0.0000208 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10	mg/kg	1.462	13.329 mg/kg	0.00133 %	✓	
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				11	mg/kg	1.126	11.295 mg/kg	0.00113 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead chromate }			1	27	mg/kg	1.56	38.409 mg/kg	0.00246 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
7	mercury { mercury dichloride }				0.07	mg/kg	1.353	0.0864 mg/kg	0.00000864 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel chromate }				4.2	mg/kg	2.976	11.4 mg/kg	0.00114 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
9	selenium { nickel selenate }				0.36	mg/kg	2.554	0.838 mg/kg	0.0000838 %	✓	
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc chromate }				37	mg/kg	2.774	93.611 mg/kg	0.00936 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				280	mg/kg		255.36 mg/kg	0.0255 %	✓	
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001	mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		9.6 pH		9.6 pH	9.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		3 mg/kg		2.736 mg/kg	0.000274 %	✓	
20	acenaphthylene 205-917-1	208-96-8			0.33 mg/kg		0.301 mg/kg	0.0000301 %	✓	
21	acenaphthene 201-469-6	83-32-9			0.4 mg/kg		0.365 mg/kg	0.0000365 %	✓	
22	fluorene 201-695-5	86-73-7			0.45 mg/kg		0.41 mg/kg	0.000041 %	✓	
23	phenanthrene 201-581-5	85-01-8			7.9 mg/kg		7.205 mg/kg	0.00072 %	✓	
24	anthracene 204-371-1	120-12-7			2.4 mg/kg		2.189 mg/kg	0.000219 %	✓	
25	fluoranthene 205-912-4	206-44-0			19 mg/kg		17.328 mg/kg	0.00173 %	✓	
26	pyrene 204-927-3	129-00-0			18 mg/kg		16.416 mg/kg	0.00164 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		9.6 mg/kg		8.755 mg/kg	0.000876 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		11 mg/kg		10.032 mg/kg	0.001 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		13 mg/kg		11.856 mg/kg	0.00119 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		4.4 mg/kg		4.013 mg/kg	0.000401 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		9.3 mg/kg		8.482 mg/kg	0.000848 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			6.6 mg/kg		6.019 mg/kg	0.000602 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.4 mg/kg		1.277 mg/kg	0.000128 %	✓	
34	benzo[ghi]perylene 205-883-8	191-24-2			6.1 mg/kg		5.563 mg/kg	0.000556 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used				
	EU CLP index number	EC Number	CAS Number											
42	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-077-00-3	200-549-8	62-75-9											
43	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]											
44	bis(2-chloroethyl) ether					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	603-029-00-2	203-870-1	111-44-4											
45	1,3-dichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1											
46	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-035-00-2	203-400-5	106-46-7											
47	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
	602-034-00-7	202-425-9	95-50-1											
48	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		200-666-4	67-72-1											
49	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-098-00-8	210-698-0	621-64-7											
50	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-003-00-7	202-716-0	98-95-3											
51	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	606-012-00-8	201-126-0	78-59-1											
52	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		201-857-5	88-75-5											
53	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]											
54	bis(2-chloroethoxy)methane					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1											
55	2,4-dichlorophenol					<0.5 mg/kg					<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2											
56	1,2,4-trichlorobenzene					<0.001 mg/kg					<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1											
57	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	612-137-00-9	203-401-0	106-47-8											
58	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD				
		201-765-5	87-68-3											
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-014-00-3	200-431-6	59-50-7											
60	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-078-3	91-57-6											
61	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	609-015-00-2	202-811-7	100-02-7											
62	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	602-078-00-7	201-029-3	77-47-4											
63	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-018-00-5	201-795-9	88-06-2											
64	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
	604-017-00-X	202-467-8	95-95-4											
65	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		202-079-9	91-58-7											
66	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD				
		205-011-6	131-11-3											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
67	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
68	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
69	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
71	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							
72	DNOC (ISO); 4,6-dinitro-o-cresol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-020-00-X	208-601-1	534-52-1							
73	azobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
74	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							
75	pentachlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-696-0	86-74-8							
77	dibutyl phthalate; DBP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
78	BBP; benzyl butyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
79	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				1.2 mg/kg		1.094 mg/kg	0.000109 %	✓	
	607-317-00-9	204-211-0	117-81-7							
80	di-n-octyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-214-7	117-84-0							
81	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							
82	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-893-9	75-71-8							
83	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
84	bromomethane; methylbromide				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
85	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
86	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
		200-892-3	75-69-4							
87	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
88	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-826-3	74-97-5							
89	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
90	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
91	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
92	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
93	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
94	bromodichloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
		200-856-7	75-27-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
96	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
97	1,1,2-trichloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
98	1,3-dichloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		205-531-3	142-28-9							
99	dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		204-704-0	124-48-1							
100	1,2-dibromoethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
101	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
102	1,1,1,2-tetrachloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		211-135-1	630-20-6							
103	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
104	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
105	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
106	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
107	1,2,3-trichloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
108	Propylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-097-00-8	203-132-9	103-65-1							
109	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
110	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
111	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
112	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
113	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
114	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
115	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
116	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
119	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
120	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
Total:								0.0544 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
-  This determinand is defined in the EU CLP Table 3
- <LOD** Below limit of detection
- ND** Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Non flammable below 12500mg/kg

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0255%)

Appendix A: Classifier defined and non GB MCL determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, STOT RE 2; H373, Muta. 1B; H340, Carc. 1B; H350, Repr. 2; H361d, Aquatic Chronic 2; H411

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

• **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , STOT RE 2; H373

• **2-nitrophenol** (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **bis(2-chloroethoxy)methane** (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Acute Tox. 1; H330 , Acute Tox. 2; H330 , STOT SE 1; H370 , STOT RE 2; H373

• **hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **2-methyl naphthalene** (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **2-chloronaphthalene** (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

• **dimethyl phthalate** (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , STOT SE 3; H336 , Repr. 2; H361 , Aquatic Chronic 3; H412

• **dibenzofuran** (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Aquatic Chronic 2; H411

• **4-chlorophenylphenylether** (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **diethyl phthalate** (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , STOT SE 3; H335 , STOT RE 2; H373 , Repr. 2; H361 , Acute Tox. 4; H302 , STOT SE 3; H336 , Skin Sens. 1; H317 , Aquatic Chronic 1; H410

• **4-bromophenylphenylether** (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **carbazole** (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 2; H341 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301

• **di-n-octyl phthalate** (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Repr. 2; H361 , Skin Sens. 1; H317 , Resp. Sens. 1; H334 , Eye Irrit. 2; H319 , Aquatic Chronic 4; H413

• **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 £ conc. < 3 % , Eye Irrit. 2; H319 1 £ conc. < 3 % , Aquatic Chronic 2; H411

• **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane

Data source: N/a

Data source date: 14 Oct 2016

Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

• **dichlorodifluoromethane** (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 3; H412 , Ozone 1; H420 , Press. Gas; H280

• **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

• **bromochloromethane** (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Ozone 1; H420

• **bromodichloromethane** (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 1A; H360

• **trans-1,3-dichloropropene** (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Aquatic Chronic 1; H410

• **1,3-dichloropropane** (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

• **dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

• **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , Carc. 2; H351 , Acute Tox. 4; H312 , Aquatic Chronic 3; H412 , Skin Irrit. 2; H315

• **Propylbenzene** (EC Number: 203-132-9, CAS Number: 103-65-1)

EU CLP index number: 601-097-00-8
Description/Comments:
Data source: Regulation (EU) 2022/692 of 16 February 2022 (ATP18)
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT SE 3; H335 , Aquatic Chronic 2; H411

• **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304 , Aquatic Chronic 2; H411

• **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Chronic 2; H411

• **4-isopropyltoluene** (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 2; H411

• **n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 3; H410

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worst case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021

HazWasteOnline Classification Engine Version: 2022.263.5340.9974 (20 Sep 2022)

HazWasteOnline Database: 2022.263.5340.9974 (20 Sep 2022)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020



GB MCL List - version 1.1 of 09 June 2021

Annex F: Soil Property Test Results

SUMMARY OF GEOTECHNICAL TESTING

Sample details					Classification Tests					Density Tests		Undrained Triaxial Compression			Chemical Tests			Other tests and comments	
Location	Depth (m)	Sample Ref	Type	Description	WC %	LL %	PL %	PI %	<425 µm %	Bulk Mg/m³	Dry Mg/m³	Condition	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	pH	2:1 W/S SO4 g/L		W/S Mg mg/L
RC04	10.50-10.70	RC04-B1	B	Soft grey silty CLAY.	25.7	39	17	22	100										Chemical
RC04	12.00-12.30	RC04-B2	B	Grey mottled brown silty CLAY.	16.8	50	20	30	100										
RC04	19.00-19.50	RC04-B5	B	Stiff grey silty CLAY.	15.6	43	18	25	100										
RC04	22.50-22.70	RC04-B8	B	Light grey silty CLAY (Desiccated).	10.0	41	20	21	100										
RC05	24.50-24.80	RC05-B12	B	Stiff grey sandy clayey SILT. Sand is fine.	17.5	24	18	6.0	100										Electrical Resistivity
TP01	2.50	TP01-D1	D																Chemical
TP06	1.00	TP06-B3	B																Chemical
TP06	1.50	TP06-B4	B	Dark brown slightly gravelly sandy silty CLAY with occasional roots and shell fragments.															Particle Size Distribution Electrical Resistivity
TP06	4.00	TP06-B5	B																Chemical
TP09	1.00	TP09-B1	B																Chemical

Sample type: B (Bulk disturb.) BLK (Block) C (Core) D (Disturbed) LB (Large Bulk dist.) U (Undisturbed)

Checked and Approved by  J Sturges - Operations Manager 01/09/2022	Project Number: <p style="text-align: center;">GEO / 36055</p> Project Name: <p style="text-align: center;">CANFORD ENERGY PARK EX-21-001</p>	
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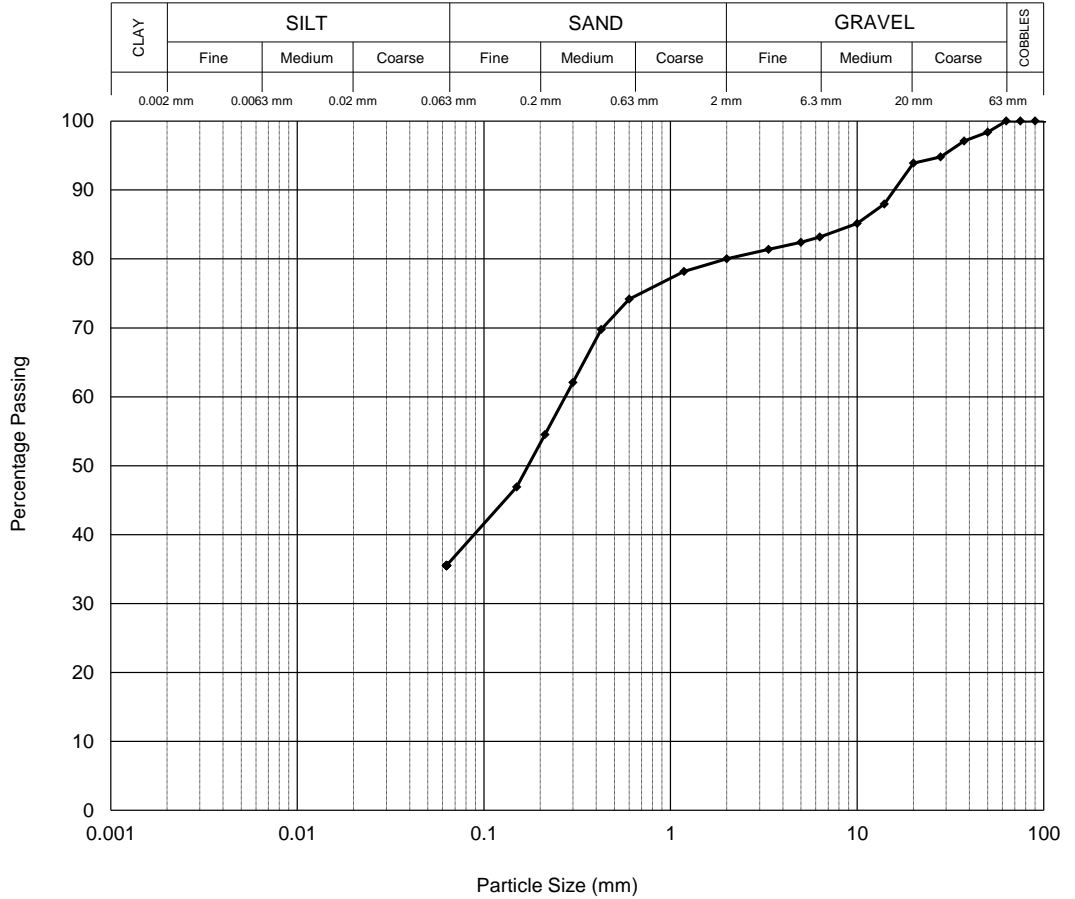
PARTICLE SIZE DISTRIBUTION

Location TP06
 Sample Ref TP06-B4
 Depth (m) 1.50
 Sample Type B

Description
 Dark brown slightly gravelly sandy silty CLAY with occasional roots and shell fragments.

BS EN ISO 17892-4 : 2016 : Clause 5.2 - Wet Sieve

Sieve	
Size	% Pass
200.0 mm	100
125.0 mm	100
90.0 mm	100
75.0 mm	100
63.0 mm	100
50.0 mm	98
37.5 mm	97
28.0 mm	95
20.0 mm	94
14.0 mm	88
10.0 mm	85
6.30 mm	83
5.00 mm	82
3.35 mm	81
2.00 mm	80
1.18 mm	78
600 µm	74
425 µm	70
300 µm	62
212 µm	55
150 µm	47
63 µm	36



Particle Proportions	
Cobbles	0.0
Gravel	20.0
Sand	44.5
Silt & Clay	35.5

1262 - PSD TP06 01.50 TP06-B4 B - 36055-450164-X.LSM

Version 113.2.11223

Tested by IT
 Checked and Approved by

 J Sturges - Operations Manager
 01/09/2022

Project Number: **GEO / 36055**
 Project Name: **CANFORD ENERGY PARK EX-21-001**



RESISTIVITY BY WENNER PROBE METHOD

Location RC04
 Sample Ref RC04-B1
 Depth (m) 10.50-10.70
 Sample Type B

Description:
 Soft grey silty CLAY.

Sample Preparation	Recompacted using 2.5 kg compactive effort
Sample Diameter	67.0 mm
Sample Length	146.0 mm
Bulk Density	1.96 Mg/m ³
Dry Density	1.58 Mg/m ³
Water Content	24.1 %
Description of Electrodes	2mm diameter steel probes
Spacing of Electrodes	25 mm
Depth of Insertion of Electrodes	25 mm
Material retained on 10mm test sieve	0 %
Temperature of Test	23.2 °C

Electrical Resistivity **21** **ohm.m**

Electrical Conductivity **0.047** **S/m (ohm⁻¹.m⁻¹)**

Checked and Approved by:



J Sturges - Operations Manager
01/09/2022

Project Number:

GEO / 36055

Project Name:

**CANFORD ENERGY PARK
EX-21-001**



GEOLABS®

RESISTIVITY BY WENNER PROBE METHOD

Location RC05 Sample Ref RC05-B12 Depth (m) 24.50-24.80 Sample Type B	Description: Stiff grey sandy clayey SILT. Sand is fine.
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Sample Preparation	Recompacted using 2.5 kg compactive effort
Sample Diameter	103.0 mm
Sample Length	161.0 mm
Bulk Density	2.13 Mg/m ³
Dry Density	1.88 Mg/m ³
Water Content	13.2 %
Description of Electrodes	2mm diameter steel probes
Spacing of Electrodes	25 mm
Depth of Insertion of Electrodes	25 mm
Material retained on 10mm test sieve	0 %
Temperature of Test	22.5 °C

Electrical Resistivity **14** **ohm.m**
Electrical Conductivity **0.071** **S/m (ohm⁻¹.m⁻¹)**

Checked and Approved by:  J Sturges - Operations Manager 01/09/2022	Project Number: GEO / 36055 Project Name: CANFORD ENERGY PARK EX-21-001	
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RESISTIVITY BY WENNER PROBE METHOD

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Location</td> <td>TP06</td> </tr> <tr> <td>Sample Ref</td> <td>TP06-B4</td> </tr> <tr> <td>Depth (m)</td> <td>1.50</td> </tr> <tr> <td>Sample Type</td> <td>B</td> </tr> </table>	Location	TP06	Sample Ref	TP06-B4	Depth (m)	1.50	Sample Type	B	<p>Description: Dark brown slightly gravelly sandy silty CLAY with occasional roots and shell fragments.</p>
Location	TP06								
Sample Ref	TP06-B4								
Depth (m)	1.50								
Sample Type	B								

Sample Preparation	Recompacted using 2.5 kg compactive effort
Sample Diameter	103.0 mm
Sample Length	161.0 mm
Bulk Density	1.82 Mg/m ³
Dry Density	1.42 Mg/m ³
Water Content	28.6 %
Description of Electrodes	2mm diameter steel probes
Spacing of Electrodes	25 mm
Depth of Insertion of Electrodes	25 mm
Material retained on 10mm test sieve	6.48 %
Temperature of Test	22.5 °C

Electrical Resistivity **16** **ohm.m**

Electrical Conductivity **0.063** **S/m (ohm⁻¹.m⁻¹)**

<p>Checked and Approved by:</p> <p style="font-size: small;">J Sturges - Operations Manager 01/09/2022</p>	<p>Project Number: GEO / 36055</p> <p>Project Name: CANFORD ENERGY PARK EX-21-001</p>	
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Annex G: Gas Monitoring Results

In Situ Gas Monitoring Pro Forma



Site:	Canford Energy Park						
Job No:	EX-21-001						
Date/Time of Visit:	06/09/2022 @ 15:00						
Atmospheric Pressure (mb):		Trend	Start	Finish	- 24 Hrs	- 48 Hrs	- 72 Hrs
		Steady	1023	1021	1024	1020	1016
Weather Conditions:	Overcast						
Ground Conditions:	Dry						
Technician:	TM						
Instrument:	Geotechnical Instruments Gas Analyser (GA5000) – Serial No. GS01105						

BH / WS No.	Flow l/hr		Methane (CH ₄)		Carbon Dioxide (CO ₂) % V/V		Oxygen (O ₂)			Water Level (mbgl)	Well Depth (mbgl)	Other Gases (ppm)				
			% V/V				% V/V		Min			Steady (mins)		H2S	CO	VOC
			Peak	Steady (mins)	Peak	Steady (mins)	Peak	Steady (mins)								
RCO4	1	0	0.5	1	0.5	2.3	1	2.2	18.4	1	18.5	7.43	22.00			
	2	0		2	0.5		2	2.3		2	18.4					
	3	0		3	0.5		3	2.3		3	18.4					
	10			10			10			10						
CP02	1	0	0	1	0	4.1	1	3.9	14.7	1	14.7	4.20	20.00			
	2	0		2	0		2	4		2	14.7					
	3	0		3	0		3	4.1		3	14.7					
	10			10			10			10						
CP04	1	0	0	1	0.3	1.6	1	1.5	19.6	1	19.6	5.10	19.89			
	2	0		2	0.3		2	1.6		2	19.6					
	3	0		3	0.3		3	1.6		3	19.6					
	10			10			10			10						
RC01*	1			1			1			1						
	2			2			2			2						
	3			3			3			3						
	10			10			10			10						
RC05*	1			1			1			1						
	2			2			2			2						
	3			3			3			3						
	10			10			10			10						
CP06*	1			1			1			1						
	2			2			2			2						
	3			3			3			3						
	10			10			10			10						
WS24*	1			1			1			1						
	2			2			2			2						
	3			3			3			3						
	10			10			10			10						

Notes:
 * - Hole vanadlaised. Unable to monitor. WS24 inaccessible

In Situ Gas Monitoring Pro Forma



Site:	Canford Energy Park						
Job No:	EX-21-001						
Date/Time of Visit:	29/09/2022/ @ 12pm						
Atmospheric Pressure (mb):	1000	Trend	Start	Finish	- 24 Hrs	- 48 Hrs	- 72 Hrs
		Steady	1023	1021	1024	1020	1016
Weather Conditions:	Sunny						
Ground Conditions:	Dry						
Technician:	TM						
Instrument:	Geotechnical Instruments Gas Analyser (GA5000) – Serial No. GS01105						

BH / WS No.	Flow l/hr		Methane (CH ₄)		Carbon Dioxide (CO ₂) % V/V		Oxygen (O ₂)		Water Level (mbgl)	Well Depth (mbgl)	Other Gases (ppm)		
			% V/V		% V/V		% V/V				H2S	CO	VOC
			Peak	Steady (mins)	Peak	Steady (mins)	Min	Steady (mins)					
RC04 *	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					
CP02	1	0	0	1	0	0	20.7	1	20.7	2.00	20.00		
	2	0	0	2	0	0	20.7	2	20.7				
	3	0	0	3	0	0	20.7	3	20.7				
	10			10				10					
CP04	1	0	0	1	0	0	20.7	1	20.7	2.90	20.00		
	2	0	0	2	0	0	20.7	2	20.7				
	3	0	0	3	0	0	20.7	3	20.7				
	10			10				10					
RC01*	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					
RC05*	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					
CP06*	1	0	0	1	0	0	20.7	1	20.7				
	2	0	0	2	0	0	20.7	2	20.7				
	3	0	0	3	0	0	20.7	3	20.7				
	10			10				10					
WS24*	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					

Notes:

* = Vandalised. CP06 has gas bung jammed into pipe so gas measurable but not water level or well depth. WS24 inaccessible

In Situ Gas Monitoring Pro Forma



Site:	Canford Energy Park						
Job No:	EX-21-001						
Date/Time of Visit:	18/10/2022/ @ 11:30 am						
Atmospheric Pressure (mb):	1022	Trend	Start	Finish	- 24 Hrs	- 48 Hrs	- 72 Hrs
		Steady	1022	1022	1018	1010	1006
Weather Conditions:	Sunny						
Ground Conditions:	Dry						
Technician:	TM						
Instrument:	Geotechnical Instruments Gas Analyser (GA5000) – Serial No. GS01105						

BH / WS No.	Flow l/hr		Methane (CH ₄)		Carbon Dioxide (CO ₂) % V/V		Oxygen (O ₂)		Water Level (mbgl)	Well Depth (mbgl)	Other Gases (ppm)		
			% V/V		% V/V		% V/V				H2S	CO	VOC
			Peak	Steady (mins)	Peak	Steady (mins)	Min	Steady (mins)					
RC04 *	1		28.4	1	18	0.9	10.6	1	14.1				
	2			2	23.8			2	12.1				
	3			3	28.4			3	10.6				
	10			10				10					
CP02	1	0	0	1	0	0	12.7	1	15.7	1.66	19.2		
	2	0		2	0			2	14.9				
	3	0		3	0			3	12.7				
	10			10				10					
CP04	1	0	0	1	0	0.1	20.4	1	20.4	1.32	17.7		
	2	0		2	0			2	20.5				
	3	0		3	0			3	20.5				
	10			10				10					
RC01*	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					
RC05*	1			1				1					
	2			2				2					
	3			3				3					
	10			10				10					
CP06*	1	0	0	1	0	0	20.5	1	20.5				
	2	0		2	0			2	20.6				
	3	0		3	0			3	20.6				
	10			10				10					
WS24*	1	0	0	1	0	0	20.2	1	20.2	0.79	1.91		
	2	0		2	0			2	20.3				
	3	0		3	0			3	20.4				
	10			10				10					

Notes:
 * = Vandalised. CP06 has gas bung jammed into pipe so gas measurable but not water level or well depth.

In Situ Gas Monitoring Pro Forma



Site:	Canford Energy Park						
Job No:	EX-21-001						
Date/Time of Visit:	28/10/2022/ @ 11:45 am						
Atmospheric Pressure (mb):	1011	Trend	Start	Finish	- 24 Hrs	- 48 Hrs	- 72 Hrs
		Steady	1011	1011	1015	1013	1012
Weather Conditions:	Dry						
Ground Conditions:	Dry						
Technician:	TM						
Instrument:	Geotechnical Instruments Gas Analyser (GA5000) – Serial No. GS01105						

BH / WS No.	Flow l/hr		Methane (CH ₄)		Carbon Dioxide (CO ₂) % V/V		Oxygen (O ₂)			Water Level (mbgl)	Well Depth (mbgl)	Other Gases (ppm)		
			% V/V		% V/V		% V/V					H2S	CO	VOC
			Peak	Steady (mins)	Peak	Steady (mins)	Min	Steady (mins)						
RC04 *	1		65.1	1	61.8	1.5	1	1.4	3.2	1	4.1			
	2			2	63.8		2	1.5		2	3.5			
	3			3	65.1		3	1.5		3	3.2			
	10			10			10			10				
CP02	1	0	0	1	0	0.1	1	0.1	14.2	1	18.2	1.4	19.25	
	2	0		2	0		2	0.1		2	16.2			
	3	0		3	0		3	0.1		3	14.2			
	10			10			10			10				
CP04	1	0	0	1	0	0.1	1	0.1	20.4	1	20.5	1.25	17.7	
	2	0		2	0		2	0		2	20.4			
	3	0		3	0		3	0		3	20.4			
	10			10			10			10				
RC01*	1			1			1			1				
	2			2			2			2				
	3			3			3			3				
	10			10			10			10				
RC05*	1			1			1			1				
	2			2			2			2				
	3			3			3			3				
	10			10			10			10				
CP06*	1	0	0	1	0	0.2	1	0.2	20.7	1	20.7			
	2	0		2	0		2	0.1		2	20.7			
	3	0		3	0		3	0.1		3	20.7			
	10			10			10			10				
WS24*	1	0	0	1	0	0	1	0	20.4	1	20.4	0.63	1.91	
	2	0		2	0		2	0		2	20.4			
	3	0		3	0		3	0		3	20.4			
	10			10			10			10				

Notes:
 * = Vandalised. CP06 has gas bung jammed into pipe so gas measurable but not water level or well depth.