

PHASE 2 REPORT ON A SITE INVESTIGATION

Site

**HIGH BAR LANE,
THAKEHAM, PULBOROUGH,
WEST SUSSEX, RH20 3EH**

Client

HIGH BAR LANE LTD

Report Ref

25/13296/GO Rev 1

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The following foreword should be read in conjunction with this report. Any variations on the general procedures outlined below are indicated in the text.

FOREWORD

The recommendations made and opinions expressed in this Report are based on the strata conditions revealed by the fieldworks as indicated on the exploratory records, together with an assessment of the data from in situ and laboratory tests. No liability can be accepted for conditions which have not been revealed by the fieldworks, for example, between exploratory positions. While this Report may offer opinions on the possible configuration of strata, both between the excavations and below the maximum depth achieved by the investigation, these comments are for guidance only and no liability can be accepted for their accuracy. The data obtained relate to the conditions which are relevant at the time of the investigation.

The groundwater observations entered on exploratory records are those noted at the time of the investigation. The normal rate of progress does not usually permit the recording of any equilibrium water level for any one water strike. It should be noted that groundwater levels are prone to seasonal variation and to changes in local drainage conditions. The word 'none' indicates that groundwater was sealed off by the borehole casing or that no water was observed in the exploratory hole upon completion.

It should be appreciated that this report does not constitute a Geotechnical Design Report (GDR) as defined in Eurocode 7 and no aspect of this report constitutes a design. Specific sections of this report are generally in line with the guidance set out in Eurocode 7 for a Ground Investigation Report (GIR), as defined within BS EN 1997:-2 (2024). This provides guidance on the number and spacing of investigation positions, methods of investigation and sample quality class to be achieved which may not have been met by this investigation.

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REPORT REF: 25/13296/GO Rev 1
CONTRACT: HIGH BAR LANE, THAKEHAM

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EXECUTIVE SUMMARY

This investigation has demonstrated that generally limited thicknesses of made ground overlie cohesive soils associated with the Fittleworth Member of Cretaceous age. The observations made at the time of the investigation and subsequent monitoring visit, indicate that the groundwater table lies near to or above the anticipated foundation excavation level. It is known, however, that the groundwater table can vary with season.

It may be feasible to adopt the trenchfill method of foundation construction, whereby the excavation and replacement with concrete is undertaken as a continuous operation. However, the final foundation depth will need to comply with NHBC criteria on the basis that the soils are predominantly of medium volume change potential and this method will not be practical below 2.00m due to the risk of spalling and instability of excavation faces. Should the proximity of mature Oak and Poplar trees in the north and north west of the site generate deep traditional foundations, then it is recommended that attention be given to the use of a piled foundation solution.

The results of the geochemical analysis have not recorded any exceedances or elevated levels of contaminants, therefore, specific remedial measures will not be required as part of this development. Moreover, specialist precautions with regard to buried concrete are not necessary.

1 INTRODUCTION

1.1 Scope

The client proposes to undertake a residential development at High Bar Lane, Thakeham ("the site"), to include detached and terraced low-rise housing with new access roads. Accordingly, a site investigation has been undertaken in order to ascertain the nature and engineering properties of the soils underlying the proposed development site and to obtain data which will assist in the formulation of a safe and economical foundation solution. In addition, a geo-environmental appraisal of the site has also been carried out.

A Phase 1 Desk Study was completed by Albury S.I. Ltd in March 2022 and was refreshed in October 2023. Report references 22/13240/JAM and 23/12726/JAM should be read in conjunction with this report. Briefly, the western part of the site had historic past use as an Orchard or Nursery, with a spoil mound in the north of the site largely comprising construction/demolition waste from previous adjacent works. A mound of fly-tipped materials observed on the first walkover survey had been removed by the time of the latter walkover survey undertaken in 2023.

The programme of this investigation comprised the construction of eighteen boreholes using hand-held window sampling techniques, with the installation of two standpipes to facilitate long-term groundwater level monitoring. This was supplemented by a series of eight machine excavated trial pits. During this work samples were recovered for further examination and laboratory testing. In addition, a number of in situ hand shear vane tests were also performed. This report describes the work undertaken, presents the information obtained and discusses the ground conditions with respect to the long-term risks from potential land contamination, foundation design and construction.

1.2 The Site

The site is located at Ordnance Survey National Grid Reference 510130, 116960. A photograph which gives a general impression of the site at the time of the fieldworks is included below.



General view of north of site (TP6)

2 FIELDWORKS

2.1 Siteworks

The machine excavated trial pits numbered 1 to 8 and window sampler boreholes designated 1 to 11 and CBR1 to CBR7, were constructed on 10th and 11th December 2025 at locations as shown on the site plan, drawing no. 25/13296/1, which is presented as Figure 1. The exploratory positions were located generally as instructed by the consulting engineers Price

& Myers to establish the prevailing ground conditions, taking into account the proposed development layout and the presence of existing buried drainage. Specifically, boreholes A, B, C, I and J targeted areas of proposed gardens.

The depths and descriptions of the strata encountered in the boreholes and trial pits are given on the records which comprise Appendix 1 to this report. These records note the depths at which samples were taken, the results of in situ tests and the groundwater observations noted at the time of the fieldworks. Selected photographs of the trial pit excavations are presented in Figure 2.

2.2 Installations

Standpipes were installed on 17th December 2025 at locations CBR1 and CBR5 in order to carry out long-term groundwater level monitoring. These comprised of plain pipe between ground level and 1.00m extended to a depth of 5.00m with slotted pipe and geosock filter.

3 GROUND CONDITIONS

3.1 Geology

Reference to the earlier Desk Study indicates the site as being underlain by the Fittleworth Member, part of the Sandgate Formation of Cretaceous age and is in turn underlain at depth by the Hythe Formation of a similar age.

3.2 Stratigraphy

It should be appreciated that trial pit 6 was located at a higher ground level on an existing spoil mound present in the north of the site, which rises to +44.97m. Generally the site levels falls to c.40mOD at the southern boundary.

A study of the exploratory records indicates that grass, weeds or brambles over disturbed or made ground predominantly ranges between 0.20-0.40m in thickness. Possible disturbed or made ground was noted to 0.70m, 0.75m and 0.80m at locations H, CBR1 and CBR5. This comprised of very sandy clay or clayey fine sand with traces of flint, sandstone and chalk fragments. Made ground was also noted to 0.80m within borehole CBR6.

A localised increased thickness of made ground was recorded to 1.90m within trial pit 6 located on the spoil mound. The made ground consisted of orangish brown and grey fine sandy clay with rare brick and concrete fragments, together with inclusions of shredded strips of black plastic between 0.50-1.40m. The made ground varies in composition between 1.40-

1.90m, consisting of dark brown friable slightly gravelly loam with rare brick and concrete fragments, suggestive of the former ground level.

Orangish brown and grey fine sandy clay was exposed beneath the made ground and these cohesive soils, which become very sandy at depth, are indicative of the Fittleworth Member. The general exceptions were trial pits 2 and 3 where clayey fine sand was observed below 2.30m and 2.40m. Orangish brown and grey slightly sandy silty clay was encountered between 1.20m and 2.90m within borehole D.

The exploratory positions were terminated at depths of between 2.80m and 3.10m. The exception was borehole I which was terminated at 1.20m due to the presence of buried drainage in this part of the site. Trial pit 4 was concluded at 2.60m due to spalling and instability of the excavation faces and spalling was also observed below 1.90m within trial pit 1. Selected photographs of the trial pit excavations are included below and in Figure 2.



Trial pit 4 looking west



Trial pit 4 looking east

3.3 Groundwater

During the construction of the exploratory positions a number of groundwater strikes were recorded at between 1.00m and 3.10m depths. Corresponding short-term standing water levels of between 0.85m and 2.62m were observed upon completion of the boreholes and trial pits. The exceptions were trial pits 5 and 6 and boreholes A and I which remained dry throughout.

3.4 In Situ Testing

During the construction of the exploratory holes a series of in situ hand shear vane tests were performed using the Geonor Shear Vane test equipment. Shear strengths corrected where necessary for the effects of plasticity, ranging between 40kPa to 220kPa were recorded, which reflect the firm to very stiff in situ condition for a cohesive soil.

3.5 Monitoring

A return visit was made on the 23rd December 2025, to monitor the standpipes installed within boreholes CBR1 and CBR5, where standing water levels of 0.20m and 1.13m were observed.

4 LABORATORY TESTING

A programme of laboratory testing has been undertaken and the results are presented as Appendix 2 to this report. The geotechnical soil testing was undertaken by Albury S.I. Ltd, whilst representative samples were submitted for geochemical testing at the UKAS accredited laboratories operated by Normec i2 Analytical Ltd. Each type of test is summarised below and the results obtained have been used to assist in the formulation of the discussion.

4.1 Water Content

The water contents of samples of the soils encountered at this site have been determined. Water contents within the range 20.1% to 40.2% have been recorded.

4.2 Index Properties

The liquid and plastic limits of samples of the clay soils have been determined. The results of this work indicate that the samples tested can generally be described as inorganic clays of variable plasticity and of low and medium volume change potential.

4.3 California Bearing Ratio

Samples of the soil taken from likely road formation level have been tested in order to determine their CBR value. Each test was made on specimens that had been recompacted in the standard laboratory mould, at their approximate natural water contents. Under the conditions of this work CBR values of between 0.8% and 1.9% were obtained.

4.4 Geochemical Testing

Fourteen samples of the made ground from either 0.10m or 0.50m at trial pit 6, have been submitted to the UKAS accredited laboratories operated by Normec i2 Analytical Ltd. The samples are screened for the presence of asbestos (ACM) and subjected to a broad suite of tests of common inorganic and organic priority contaminants including metals, PAH and petroleum hydrocarbons.

4.5 Chemical Testing – Sulphates & pH

Samples of the soils and groundwater encountered at this site have been subjected to chemical analyses in order to determine their sulphate contents and pH values. Under the conditions of this work low concentrations of soluble sulphate have been recorded in association with near neutral pH values. In one instance an alkaline pH was recorded at TP 6 at 0.50m. The results are summarised in tabular form below.

Table 1 - Summary of Chemical Tests

BH/TP No.	Sample		Concentration of Sulphates expressed as SO ₄		Total Sulphate as SO ₄ mg/kg	pH
	Depth m	Type	2:1 Water : Soil Extract mg/l	Groundwater mg/l		
BH B	0.50	Sandy CLAY	5	15	250	7.3
BH C	1.00	Very sandy CLAY	14		640	7.5
BH D	1.00	Sandy CLAY	3		140	7.7
BH E	(1.30)	Water				6.2
BH F	0.50	Sandy CLAY	3		170	7
BH G	1.00	Sandy CLAY	3		160	7.6
BH K	1.00	Sandy CLAY	7		160	7.4
BH CBR 4	0.50	Sandy CLAY	6		270	7
TP 1	0.50	Sandy CLAY	3		140	7.8
TP 6	0.50	MADE GROUND	121		760	10.8
TP 6	1.50	MADE GROUND	41		110	8
TP 7	0.50	Sandy CLAY	11		210	7.3

5 GEOTECHNICAL DISCUSSION

5.1 Foundations

The client proposes to undertake a residential redevelopment at the site under consideration, to include detached and terraced, low rise housing with associated private gardens, soft landscaping and access roads. A block of flats is also being considered in the west of the site. The proposed layout is shown in Figure 3. At the time of the preparation of this report the

anticipated unfactored structural loads were indicated to be 10-30kN for columns and 10kN/m² for ground bearing slabs.

It cannot be recommended that major structural foundations be located within any made ground revealed by this investigation. Soils of this origin are frequently present in a weak and variable condition such that unacceptable settlement could occur even under the action of light loading intensities. Therefore, it will be necessary to continue foundation excavations through these undesirable materials where they are of less than 1.00m in thickness to this minimum depth in order to avoid that zone of soil which is subject to normal seasonal moisture variation or frost action. The above precautions need not necessarily be applied to light ancillary structures, which will be formed structurally discrete from the main development and in which a greater degree of settlement can be tolerated.

It is known that a number of trees are present on the northern, southern and western boundaries, which include mature Oak and Poplar. A discussion of the causes, effects and classification of desiccation in clay soils is included in Appendix 3 to this report. Consideration of the results of the laboratory testing indicates that moisture deficiency is not present within the near surface soils, as the water contents lie above the plastic limits. Nevertheless, NHBC criteria should be adopted in the design of foundations on the basis that the soils are of medium volume change potential. It should also be noted, however, that roots were observed to at least 2.00m within borehole J located adjacent to the mature poplar trees.

Interpretation of the data derived from this investigation indicates that strip or spread foundations, constructed at a minimum depth of 1.00m and in accordance with NHBC criteria, can be designed to accept a maximum increase in load of 125kPa. At this loading intensity a factor of safety of 3 against general shear failure will be operative. Moreover, settlements should remain within tolerable limits for the type of structures proposed and will occur over an extended period post completion of the development.

Alternatively, due to the potential foundation depths and presence of groundwater, attention could be given to the use of a piled foundation solution. The design of piles lies outside the scope of this report as it is dependent upon the type of pile employed, its size and bearing capacity. Therefore, when the loadings are known it will be sensible to seek the advice of suitably experienced specialist piling contractors in order to provide a satisfactory solution to the problem.

5.2 Stability of Excavations

Excavations of less than 1.00m depth should not require temporary support to their sides. However, as foundation excavations are likely to be extended below this level, adequate

temporary support or shoring should be provided in order to comply with current statutory safety regulations and to maintain the stability of the excavation sides.

5.3 Groundwater

The observations made at the time of the investigation suggest that the groundwater table lies near to the anticipated foundation excavation level. The subsequent monitoring visit also implies that a high water table is present in the southern part of the site. It is known, however, that the groundwater table can vary with season.

It may be feasible to adopt the trenchfill method of foundation construction, whereby the excavation and replacement with concrete is undertaken as a continuous operation. This will require a preliminary trial to be undertaken beforehand, to assess the rate of construction required to successfully complete the work. No trenches should be left open or unsupported between shifts, otherwise failure and collapse of the excavation faces will occur. This method is also unlikely to be practical below depths of 2.00m, due to the very sandy nature of the cohesive strata at depth and the likelihood of spalling.

The cohesive soils revealed in this investigation are susceptible to rapid softening in the unconfined state. Where excavations are to be left open for extended periods then the bases should be blinded using leanmix concrete following final trimming to prevent deterioration of the founding medium.

5.4 Drainage

The near surface drainage characteristics of the underlying cohesive soils have not been considered as part of this investigation. It is believed that these would be a poor drainage medium and the presence of groundwater would preclude the use of traditional soakaways, therefore, alternative means of surface water disposal should be explored. This could take the form of attenuation basins or swales and discharge to adjacent surface water courses, subject to regulatory consultation and approval.

5.5 Pavement & Temporary Platform Design

The comparatively low CBR results and depth of groundwater table infer that the cohesive soils would be a relatively poor subgrade and improvement will be necessary. Prior to placement of any granular material any soft spots or artificial material should be removed. It would be prudent to place a geogrid or geotextile separator layer to prevent stone from punching into the underlying weak subsoil due to compaction or trafficking.

The low CBR values and presence of weak near surface soils will also have implications for piling rig stability and where necessary, sufficient thickness of granular material will need to

be imported to form a suitable temporary working platform. The pavements and engineering working platforms should be designed accordingly by a specialist.

5.6 Ground Floor Slabs

The long-term groundwater monitoring has demonstrated a high standing water level, notably in the southern part of the site, therefore, suspended floor slabs should be adopted.

5.7 Buried Concrete

The information obtained from this investigation has been compared with the criteria proposed in BRE Special Digest 1, 2005 Edition, Concrete in Aggressive Ground. Using the information in Table C1 (natural ground) of this publication the Aggressive Chemical Environment for Concrete Classification (ACEC) is AC-1, which coincides with a Design Sulphate Class DS-1. The ACEC Class above can be used to determine the Design Chemical Class for concrete for general cast-in-situ use as required in Part D of the Digest.

6 GROUND CONTAMINATION

A Conceptual Site Model (CSM) was formulated for this site as part of the Phase 1 Desk Study, which informed the current Phase 2 Intrusive Investigation. The eastern part of the site formerly occupied by Rose Cottage is covered by mature trees and dense vegetation, which will be retained in its natural state providing pedestrian access for the existing footpath and has not been subjected to investigation or testing. The CSM produced as part of the Desk Study has been reviewed and the risks updated based upon the test results, presented in tabular form below.

Table 2 - Preliminary Conceptual Site Model			
Source(s)	Potential Pathway(s)	Receptor(s)	Risk Level
Potential contamination from lead-arsenate based pesticides used in orchards pre-1950s <i>Arsenic</i> <i>Lead</i>	Skin contact, ingestion and inhalation	Site workers and end-users	Low
	Leaching	Groundwater – Secondary (A) aquifer associated with underlying Fittleworth Member & on-site abstraction well	Low
Made Ground associated with spoil mound from	Skin contact, ingestion and inhalation	Site workers and end-users	Low

previous construction works.			
Infilled well in east of site and demolished structures (Rose Cottage)	Leaching	Groundwater – Secondary (A) aquifer associated with underlying Fittleworth Member & on-site abstraction well	Low

6.1 Human Health

A generic assessment of the chronic or long-term risk to human health from soil contamination has been made using the available generic screening criteria. The screening values include the Category 4 Screening Levels [C4SLs] (DEFRA, 2014) and Suitable for Use Levels [S4ULs] (LQM/CIEH, 2014) derived using the CLEA software. It should be appreciated that these do not consider the short-term or acute risks, such as to construction workers or SI personnel.

The results obtained have been compared against the GAC for the proposed land-use category Residential (with home-grown produce) and 2.5% SOM, which are summarised in tabular form in Appendix 2. No exceedances of the relevant GAC were recorded and the near surface soils are considered suitable for the intended residential use.

6.2 Controlled Waters

The site is underlain by a low sensitivity minor or Secondary A aquifer, however, there is likely to be some hydraulic continuity with adjacent surface water courses. A Principal Aquifer is present at depth associated with the Hythe Formation, together with an on-site abstraction well. The development does not pose a risk to these controlled water receptors. It will be necessary, however, to protect the adjacent surface water course that runs along the south eastern boundary, through the provision of silt fences, to prevent surface water run-off causing pollution.

6.3 Vegetation

The metals boron, copper, nickel and zinc are phytotoxic at certain levels, with their availability being dependent upon soil pH. These levels may not pose a significant long-term health risk to humans, but could be detrimental to plant growth or function. The results obtained suggest that the concentrations of phytotoxic metals are not detrimental to plants or vegetation. The suitability of topsoil for reuse on site should be assessed by a suitably qualified specialist, depending on the proposed landscaping scheme.

6.4 Preliminary Waste Assessment

Given that no exceedances of human health soil guidance values were recorded, it is likely that material can be retained and re-used on site. Where excavated soils cannot be re-used or retained on site, then these surplus materials will require off-site disposal. It may be possible to divert the unwanted material to a soil treatment hub where it can be recycled. Where material cannot be re-used or recycled then disposal at a licensed landfill site can be considered. It will then be necessary to classify the spoil as inert, non-hazardous or hazardous. A discussion of the current regime for the classification and treatment of waste soils is included in Appendix 4.

An initial assessment of the geochemical results obtained from this investigation has been carried out to provide a preliminary classification of the surplus materials. The HazWaste Online tool determines whether waste soil should be classified as being non-hazardous or hazardous. The output from the HazWaste assessment is located in Appendix 4. Asbestos was not detected in any of the samples screened. Based on the output waste soil arisings from this site have been tentatively identified as being non-hazardous waste. The underlying natural soils are also likely to be considered to be inert for disposal purposes, however, supplementary waste acceptance criteria [WAC] testing may be required and confirmation should be sought from the relevant landfill operator or waste carrier.

This assessment is preliminary and based upon the information obtained from the investigation. Where made ground is excavated then these materials should be stockpiled and segregated. Further sampling, testing and characterisation to accurately classify waste soil arisings may be required. It should be appreciated that it is the responsibility of the waste producer to sufficiently characterise their waste. Moreover, the agreement of the waste acceptor should be sought.

6.5 Potable Water Supply Pipes

Specialist precautions with regard to buried water supply pipes are not necessary. Nevertheless, confirmation should be sought from the relevant water supply company to determine any specific requirements for incoming potable water supply pipes.

7 CONCLUSION

Albury S.I. were approached by the client to provide a combined geotechnical and geoenvironmental assessment of the site to assist with the discharge of relevant planning conditions, which are provided below for reference.

Based upon the results of the investigation and the updated CSM, all identified risks are deemed to be low, therefore, specific remedial measures are not necessary and formal remediation method statement with verification plan is not required.

Pre-Commencement Condition: No development shall commence until the following components of a scheme to deal with the risks associated with contamination, (including asbestos contamination), of the site be submitted to and approved, in writing, by the local planning authority:

a. An intrusive site investigation scheme, based on the Phase 1 Desk Study to provide information for a detailed risk assessment to the degree and nature of the risk posed by any contamination to all receptors that may be affected, including those off site.

b. Full details of the remediation measures required and how they are to be undertaken based on the results of the intrusive site investigation and a verification plan providing details of what data will be collected in order to demonstrate that the remedial works are complete. The scheme shall be implemented as approved. Any changes to these components require the consent of the local planning authority.

Reason: As this matter is fundamental to ensure that no unacceptable risks are caused to humans, controlled waters or the wider environment during and following the development works and to ensure that any pollution is dealt with in accordance with Policies 24 and 33 of the Horsham District Planning Framework (2015).

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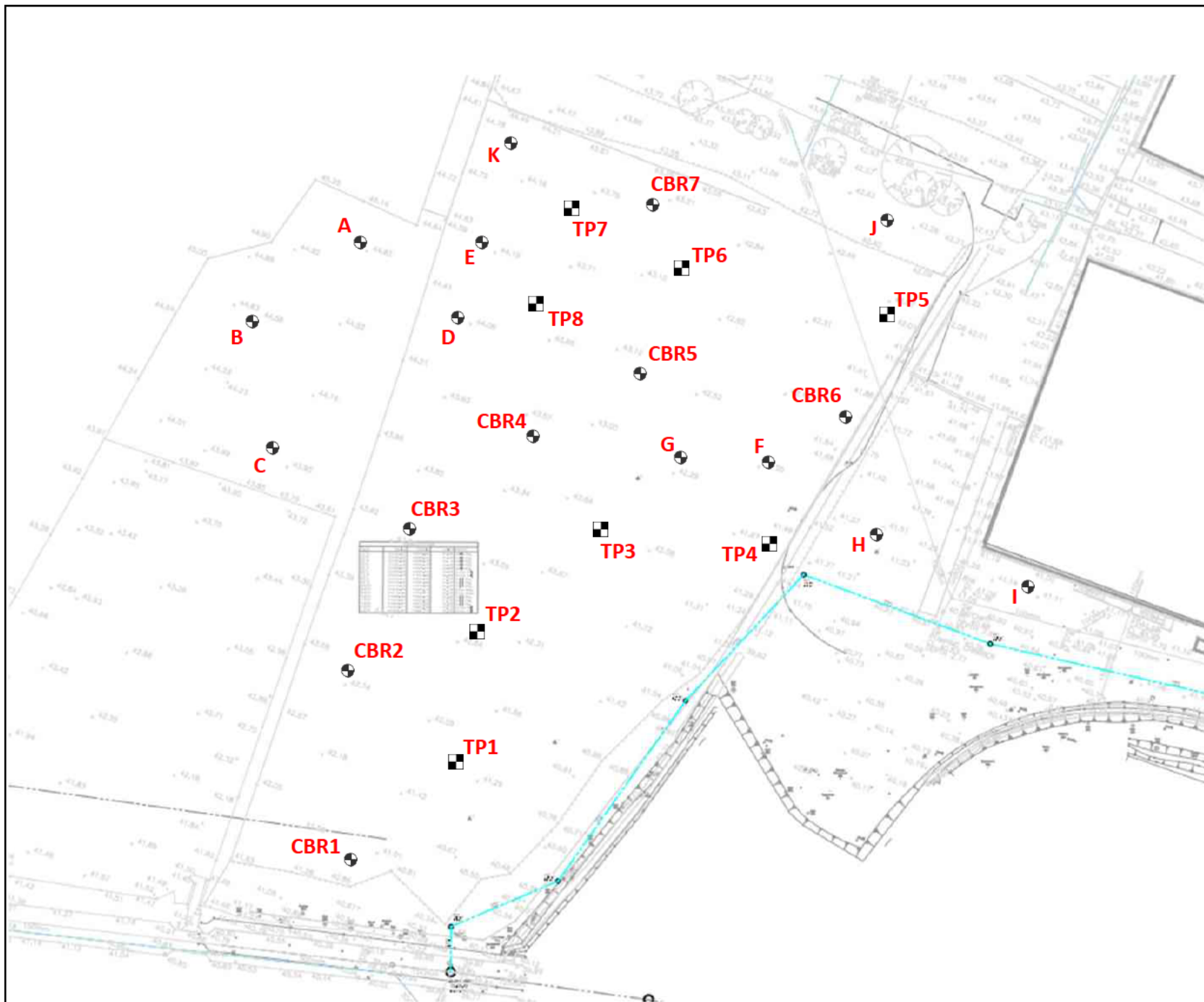
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LIST OF ABBREVIATIONS

AOD	-	Above Ordnance Datum
ACM	-	Asbestos-containing Material
AST	-	Above-ground Storage Tank
BGS	-	British Geological Survey
BH	-	Borehole
BRE	-	Building Research Establishment
BSI	-	British Standards Institution
BS	-	British Standard
C4SL	-	Category Four Screening Level
CIRIA	-	Construction Industry Research and Information Association
CP	-	Cable Percussive
DPH	-	Dynamic Probing Heavy
DPSH	-	Dynamic Probing Super Heavy
EA	-	Environment Agency
GAC	-	Generic Assessment Criteria
LL	-	Liquid Limit
mAOD	-	Metres Above Ordnance Datum
mBGL	-	Metres Below Ground Level
mOD	-	Metres Ordnance Datum
OS	-	Ordnance Survey
PAH	-	Polycyclic Aromatic Hydrocarbons
PCB	-	Polychlorinated Biphenyl
PID	-	Photo Ionisation Detector
PL	-	Plastic Limit
PSD	-	Particle Size Distribution
SGV	-	Soil Guideline Value
SOM	-	Soil Organic Matter
SPT	-	Standard Penetration Test
SPZ	-	Source Protection Zone
SVOC	-	Semi-volatile Organic Compounds
TPH	-	Total Petroleum Hydrocarbon
UST	-	Underground Storage Tank
UXB	-	Unexploded Bombs
UXO	-	Unexploded Ordnance
VOC	-	Volatile Organic Compound

FIGURE 1

SITE PLAN



Legend:



Borehole Location



Trial Pit Location

Title: Site Plan

Dwg No: 25/13296/1

Drawn by: GO

Client: High Bar Lane Ltd

Contract: High Bar Lane,
Thakeham

Job Ref: 25/13296/GO

Scale: NTS

Revision: 0

Issue Date: 09/01/2026



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FIGURE 2

SITE PHOTOGRAPHS



Title: TP Photos 1-2

Dwg No: 25/13296/2

Drawn by: GO

Client: High Bar Lane Ltd

Contract: High Bar Lane,
Thakeham

Job Ref: 25/13296/GO

Scale: NTS

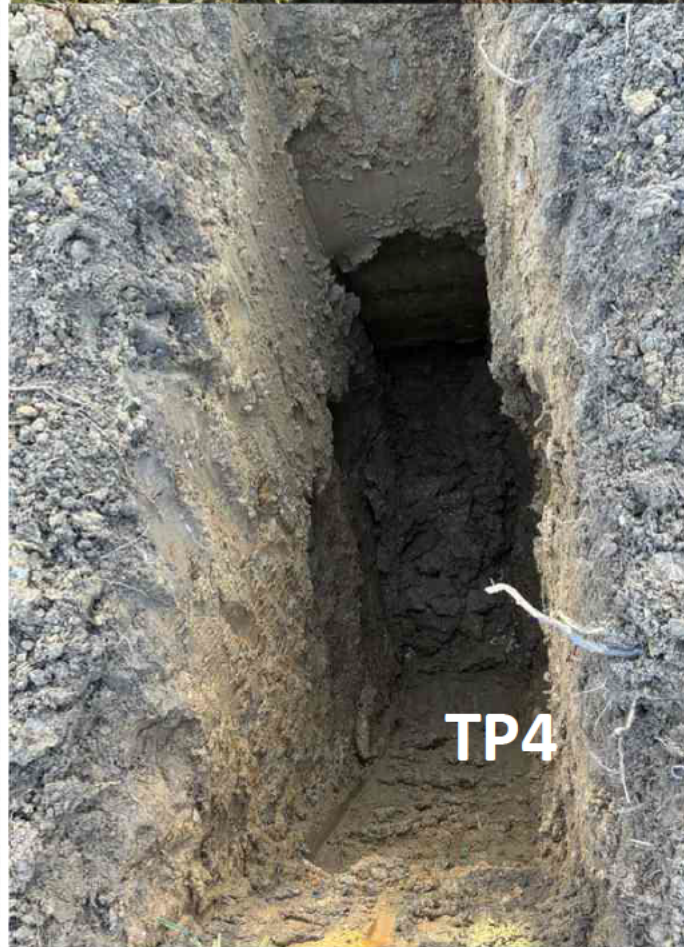
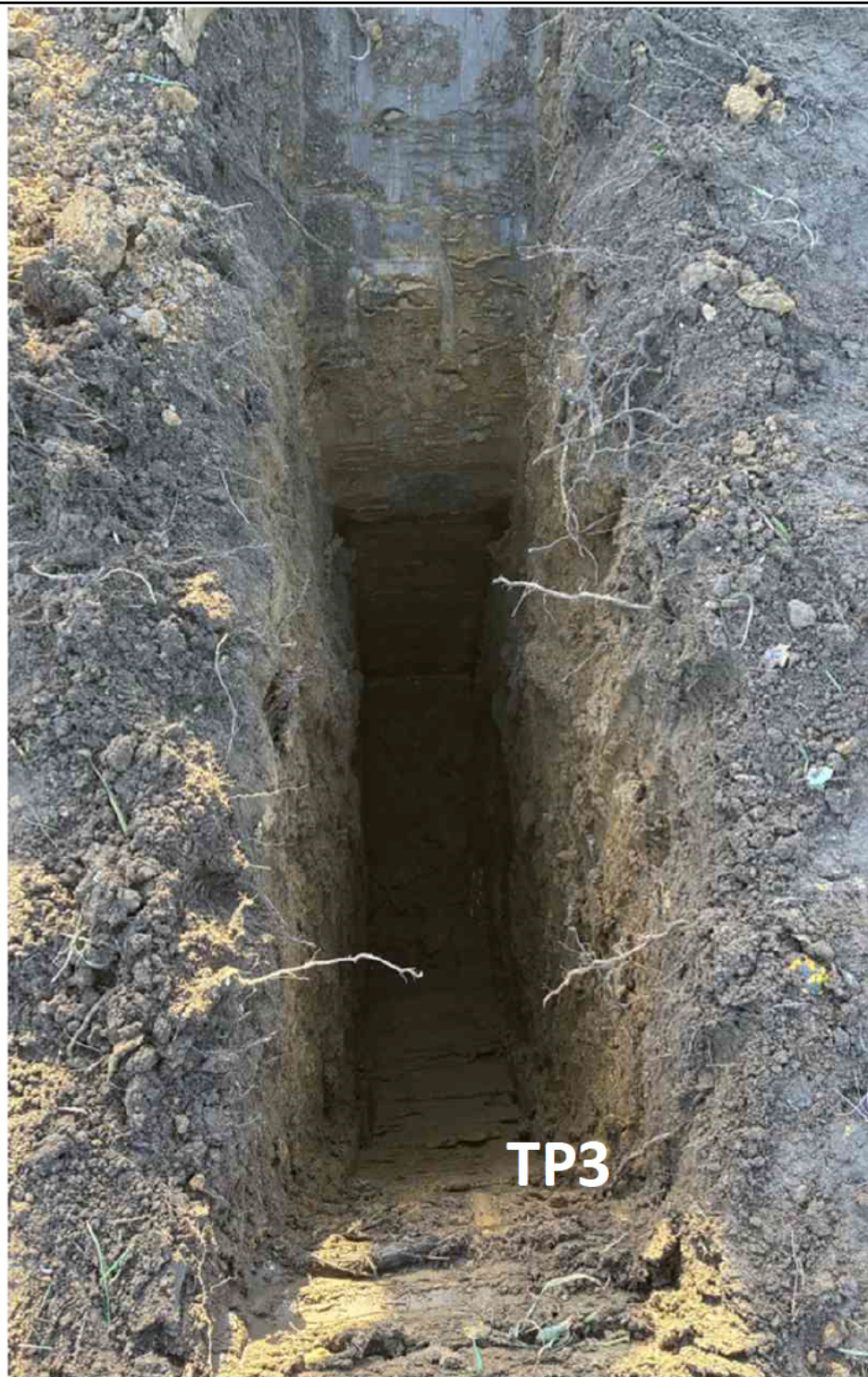
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Title: TP Photos 3 + 4

Dwg No: 25/13296/3

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Title: TP Photos 5 + 6

Dwg No: 25/13296/4

Drawn by: GO

Client: High Bar Lane Ltd

Contract: High Bar Lane,
Thakeham

Job Ref: 25/13296/GO

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Revision: 0

Issue Date: 09/01/2026



ALBURY S.I. LTD

Miltons Yard, Petworth Road,
Witley, Surrey GU8 5LH
www.alburysi.co.uk



TP7



TP8



TP7



TP8

Title: TP Photos 7 + 8

Dwg No: 25/13296/5

Drawn by: GO

Client: High Bar Lane Ltd

Contract: High Bar Lane,
Thakeham

Job Ref: 25/13296/GO

Scale: NTS

Revision: 0

Issue Date: 09/01/2026



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FIGURE 3

PROPOSED LAYOUT



NOTES:

1. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and specialist drawings and specifications.
2. Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check that this drawing has been printed to the standard scale this bar should be 50mm long @ A1 or 25mm long @ A3.
3. Health & Safety:
All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".

BOUNDARY KEY

Site Boundary

KEY

1 Plot No's AF Affordable

Existing Trees / Planting
Proposed Trees
Proposed Planting

Permeable Paving
Attenuation tank below road surface
Impermeable surface: Materials will be submitted to discharge planning condition
Impermeable surface: Materials will be submitted to discharge planning condition

UNITS

2 No. 1 Bed Flat
6 No. 2 Bed House (Inc. 4 Flats)
13 No. 3 Bed House
7 No. 4 Bed House
Total 28 Units

AF Affordable Units

Unit 13 (3 Bed)
Unit 14 (3 Bed)
Unit 15 (3 Bed)
Unit 16 (3 Bed)
Unit 23 (2 Bed)
Unit 24 (2 Bed)
Unit 25 (2 Bed)
Unit 26 (2 Bed)
Unit 27 (1 Bed)
Unit 28 (1 Bed)

P02 B/C/D D/Lin Issued for Information

P01 B/C/D D/Lin Issued for Information

Rev Date Drawn Eng Amendment

LAND AT HIGH BAR LANE
THAKEHAM, WEST SUSSEX

PROPOSED SITEPLAN

Status
FOR INFORMATION
NOT FOR CONSTRUCTION

Drawn D/Lin Eng D/Lin

Scales 1:500 at A1 1:1000 at A3

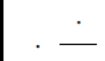
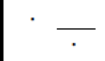
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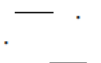
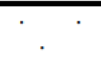
30005/SKSP01 P02

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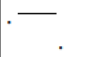
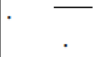
APPENDIX 1

EXPLORATORY RECORDS

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH				www.alburysi.co.uk		TRIAL PIT		TP1		
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO		
Client		High Bar Lane Ltd				Date		10/12/2025		
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level				
Water Strikes (m)		Type & Dimensions			Ease of excavation (m)					
1. 1.10		Length: 1.60m			Very easy:		Difficult: 0.25-2.70			
2. 2.10		Width: 0.50m			Machine		Moderate: GL-0.25		Very hard: 2.70-2.90	
Water level observed upon completion (m): 2.80					Technician: HF					
Remarks										
Spalling of trial pit faces below 1.90m										
Samples or tests		Shear Strength (kPa)	Depth		Legend	Strata Description				
Type	Depth (m)									
D	0.10		0.25			Grass over MADE GROUND (dark brown slightly gravelly very silty CLAY with roots and rare black charcoal. Gravel of white chalk fragments)				
D	0.30									
D	0.50									
D	1.00	140				Orangish brown and grey fine sandy CLAY with roots at 0.30m and rare sandstone fragments in the upper margins (0.50m), becoming stiff brown and grey below 1.00m				
D	1.50	140								
D	2.00	140								
D	2.50	105	2.70			Brown and brownish grey very sandy CLAY/clayey SAND				
D	2.80	100								
			2.90			END OF TRIAL PIT				

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		www.alburysi.co.uk		TRIAL PIT		TP2			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions			Ease of excavation (m)				
1. 1.10		Length: 1.60m Machine			Very easy: Difficult: 0.25-2.70				
2.		Width: 0.50m			Moderate: GL-0.25 Very hard: 2.70-2.90				
Water level observed upon completion (m):				2.90		Technician: HF			
Remarks									
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description				
Type	Depth (m)								
D	0.10	125	0.25		Grass and brambles over MADE GROUND (dark brown slightly gravelly very silty CLAY with roots. Gravel of white chalk fragments)				
D	0.30								
D	0.50								
D	1.00	125	2.30		Orangish brown and grey fine sandy CLAY with roots in the upper margins (0.30m and 0.50m), becoming stiff, very sandy and friable below 2.00m				
D	1.50								
D	2.00								
D	2.50	120	2.90		Dark brownish grey clayey fine SAND				
D	2.80								
					END OF TRIAL PIT				

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				TRIAL PIT	TP3
CONTRACT		High Bar Lane, Thakeham		Report Ref	25/13296/GO
Client		High Bar Lane Ltd		Date	10/12/2025
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level	
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)	
1.	1.30	Length: 1.60m	Machine	Very easy:	Difficult: 0.40-3.00
2.	2.10	Width: 0.50m		Moderate: GL-0.40	Very hard:
Water level observed upon completion (m):			3.10	Technician: HF	
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10		0.25		Grass and brambles over MADE GROUND (dark brown slightly gravelly very silty CLAY with roots. Gravel of fine white chalk fragments, traces of ceramic and brick particles) MADE GROUND (orangish brown slightly gravelly sandy CLAY. Gravel of coarse sandstone fragments) Orangish brown and grey fine sandy CLAY with roots and traces of white chalk at 0.50m becoming stiff below 1.00m
D	0.30		0.40		
D	0.50				
D	1.00	120			Orangish brown and grey clayey fine SAND Stiff orangish brown and grey fine sandy CLAY Very stiff brownish grey very sandy CLAY/clayey fine SAND END OF TRIAL PIT
D	1.50	140			
D	2.00	80			
D	2.50	100	2.40		
D	2.70		2.60		
D	3.00		2.80		
		200	3.10		

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk			TRIAL PIT	TP4	
CONTRACT	High Bar Lane, Thakeham		Report Ref	25/13296/GO	
Client	High Bar Lane Ltd		Date	10/12/2025	
Site Address	High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level		
Water Strikes (m)	Type & Dimensions		Ease of excavation (m)		
1. 1.10	Length: 1.60m Machine		Very easy:	Difficult:	
2.	Width: 0.50m		Moderate: GL-2.60	Very hard:	
Water level observed upon completion (m): 2.60			Technician: HF		
Remarks Spalling of trial pit faces below 1.10m. Trial pit terminated at 2.60m due to spalling and instability.					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10		0.25		Grass over MADE GROUND (dark brown slightly gravelly friable LOAM with roots. Gravel of coarse flint and white chalk fragments)
D	0.30				Orangish brown and grey fine sandy CLAY with occasional fine roots in the upper margins (0.50m), becoming stiff and very sandy at depth
D	0.50				
D	1.00	80			
D	1.50	80			
D	2.00	80			
D	2.50	40	2.60		END OF TRIAL PIT

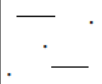
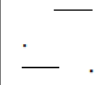
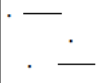
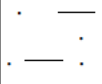
Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector

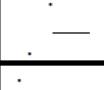
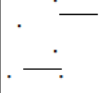
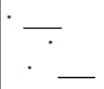
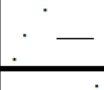
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				TRIAL PIT	TP6
CONTRACT		High Bar Lane, Thakeham		Report Ref	25/13296/GO
Client		High Bar Lane Ltd		Date	10/12/2025
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level	
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)	
1. none		Length: 1.60m Machine		Very easy: Difficult: GL-1.40 1.90-2.80	
2.		Width: 0.50m		Moderate: 1.40-1.90 Very hard:	
Water level observed upon completion (m):		none		Technician: HF	
Remarks Pieces of ripped black plastic membrane from 0.50-1.40					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10	50	1.40		Grass over MADE GROUND (orangish brown and grey fine sandy CLAY with rare brick and concrete fragments, inclusions of shredded strips of black plastic 0.50-1.40m)
D	0.30				
D	0.50				
D	1.00	160	1.90		MADE GROUND (dark brown friable slightly gravelly LOAM with rare brick and concrete fragments)
D	1.50				
D	2.00				
D	2.20	100	2.80		Very stiff to stiff orangish brown and grey very sandy (fine) CLAY
D	2.50				
D	2.70				
					END OF TRIAL PIT

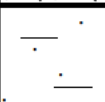
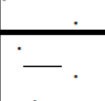
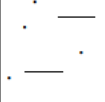
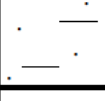
CONTRACT	High Bar Lane, Thakeham	Report Ref	25/13296/GO
Client	High Bar Lane Ltd	Date	10/12/2025
Site Address	High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH	Ground Level	
Water Strikes (m)	Type & Dimensions	Ease of excavation (m)	
1. 1.60	Length: 1.60m Machine	Very easy:	Difficult: 0.70-2.90
2. 2.10	Width: 0.50m	Moderate: GL-0.70	Very hard:
Water level observed upon completion (m): 2.90		Technician: HF	

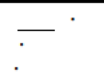
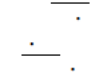
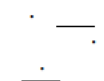
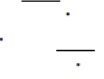
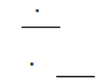
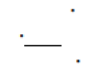
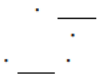
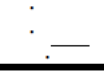
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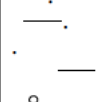
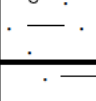
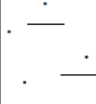
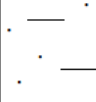
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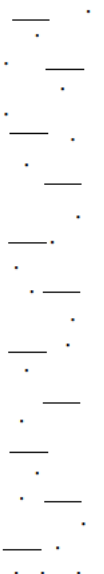
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		CBR1			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		11/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 1.00		Drive-in Window Sampler		Very easy: Difficult:					
2.		60mm to 50mm diameter		Moderate: GL-3.10 Very hard:					
Water level observed upon completion (m): 0.85				Technician: DH					
Remarks Standpipe installed to 5.00m on 17 December 2025 - Return monitoring visit 23/12/25 water at 0.20m									
Samples or tests			Shear Strength (kPa)	Depth	Legend	Strata Description			
Type	Depth (m)								
D	0.10		120	0.35		Grass over MADE GROUND (brown slightly gravelly clayey LOAM with roots. Gravel of flint with traces of white chalk fragments) Orangish brown very sandy CLAY with occasional roots, traces of white chalk and rare coarse sandstone fragments (probable disturbed/MADE GROUND) Stiff orangish brown and grey fine sandy CLAY with traces of roots in the upper margins, becoming very sandy at 3.00m			
D	0.30								
B	0.50-0.70								
			120	0.75					
D	1.00								
D	1.50		120						
D	2.00		120						
D	2.50								
D	3.00			3.10		END OF BOREHOLE			

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CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		11/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions			Ease of excavation (m)				
1. 1.00		Drive-in Window Sampler			Very easy: Difficult: 0.80-3.10				
2.		60mm to 50mm diameter			Moderate: GL-0.80 Very hard:				
Water level observed upon completion (m): 0.85					Technician: HF				
Remarks									
Samples or tests		Shear Strength (kPa)	Depth		Legend	Strata Description			
Type	Depth (m)								
D	0.10	105	0.40			Grass over MADE GROUND (dark brown slightly gravelly very silty CLAY with roots. Gravel of white chalk fragments)			
D	0.30								
B	0.50-0.70								
		160	0.80			Orangish brown fine sandy CLAY with roots			
D	1.00								
D	1.50	180				Stiff to very stiff orangish brown and grey fine sandy CLAY			
D	2.00								
			2.40			Brownish grey and orangish brown fine very sandy CLAY			
D	2.50								
D	3.00		3.10			END OF BOREHOLE			

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		www.alburysi.co.uk		BOREHOLE		CBR3			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		11/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions			Ease of excavation (m)				
1. 2.10		Drive-in Window Sampler			Very easy:		Difficult: 0.90-3.10		
2.		60mm to 50mm diameter			Moderate: GL-0.90		Very hard:		
Water level observed upon completion (m): 2.62					Technician: HF				
Remarks									
Samples or tests		Shear Strength (kPa)	Depth		Legend	Strata Description			
Type	Depth (m)								
D	0.10	120	0.40			Grass over MADE GROUND (dark brown slightly gravelly sandy CLAY with roots. Gravel of fine white chalk fragments)			
D	0.30								
B	0.50-0.70								
		170	0.90			Orangish brown fine sandy CLAY with occasional roots and rare coarse sandstone fragments			
D	1.00								
D	1.50	200	1.90			Stiff to very stiff orangish brown and brownish grey fine sandy CLAY			
D	2.00								
			3.10			Very stiff brownish grey very sandy (fine) CLAY			
D	2.50								
D	3.00					END OF BOREHOLE			

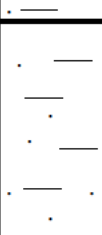
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk			BOREHOLE	CBR4	
CONTRACT		High Bar Lane, Thakeham		Report Ref	25/13296/GO
Client		High Bar Lane Ltd		Date	11/12/2025
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level	
Water Strikes (m)		Type & Dimensions	Ease of excavation (m)		
1. 1.10		Drive-in Window Sampler	Very easy: Difficult: 0.70-3.10		
2.		60mm to 50mm diameter	Moderate: GL-0.70 Very hard:		
Water level observed upon completion (m):		1.58	Technician: HF		
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10				Grass and brambles over MADE GROUND (dark brown slightly gravelly very silty CLAY with roots. Gravel of fine white chalk fragments)
D	0.30		0.40		
B	0.50-0.70		0.70		Orangish brown slightly gravelly sandy CLAY with roots. Gravel of sandstone fragments with some cobbles
					Stiff to very stiff brown and grey fine sandy CLAY
D	1.00	120			
					
D	1.50	155			
					
D	2.00	120			
					
D	2.50				
					
D	3.00		3.10		
					END OF BOREHOLE
					
					
					
					
					
					
					
					
					

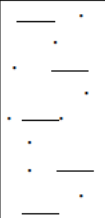
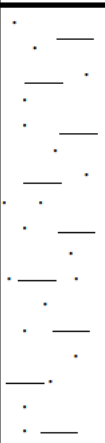
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		CBR5			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		11/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 1.50		Drive-in Window Sampler		Very easy: Difficult:					
2.		60mm to 50mm diameter		Moderate: GL-3.10 Very hard:					
Water level observed upon completion (m): 1.10				Technician: DH					
Remarks Standpipe installed to 5.00m on 17 December 2025- Return monitoring visit 23/12/25 water at 1.13m									
Samples or tests			Shear Strength (kPa)	Depth		Legend	Strata Description		
Type	Depth (m)								
D	0.10		95	0.40			Grass over MADE GROUND (dark brown slightly gravelly friable LOAM with roots. Gravel of fine white chalk fragments)		
D	0.30								
B	0.50-0.70								
			95	0.80			Brown/orangish brown clayey fine SAND with rare weak black sandstone or charcoal fragments - possibly disturbed MADE GROUND		
D	1.00		130	1.80			Stiff orangish brown and grey fine sandy CLAY with rare sandstone fragments at depth		
D	1.50		130	3.10			Stiff orangish brown and grey slightly sandy (fine) silty CLAY, becoming light grey and yellowish brown below 2.50m		
D	2.00								
D	2.50								
D	3.00								
							END OF BOREHOLE		

ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk			BOREHOLE	CBR6	
CONTRACT	High Bar Lane, Thakeham		Report Ref	25/13296/GO	
Client	High Bar Lane Ltd		Date	10/12/2025	
Site Address	High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level		
Water Strikes (m)	Type & Dimensions	Ease of excavation (m)			
1. 1.80	Drive-in Window Sampler	Very easy: Difficult:			
2.	60mm to 50mm diameter	Moderate: GL-3.10 Very hard:			
Water level observed upon completion (m): 1.55		Technician: DH			
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10	115	0.80		Grass over MADE GROUND (brown slightly gravelly sandy CLAY becoming very sandy with depth. Gravel of flint and brick fragments.
D	0.30				
B	0.50-0.70				
D	1.00	95	3.10		Stiff orangish brown and grey fine sandy CLAY with root remains at 1.50m, becoming very sandy at depth
D	1.50				
D	2.00				
D	2.50				
D	3.00				
				END OF BOREHOLE	

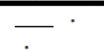
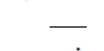
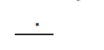
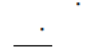
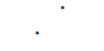
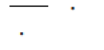
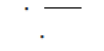
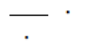
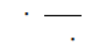
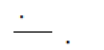
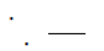
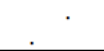
ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk			BOREHOLE	CBR7	
CONTRACT	High Bar Lane, Thakeham		Report Ref	25/13296/GO	
Client	High Bar Lane Ltd		Date	11/12/2025	
Site Address	High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level		
Water Strikes (m)	Type & Dimensions	Ease of excavation (m)			
1. 2.75	Drive-in Window Sampler	Very easy: Difficult:			
2.	60mm to 50mm diameter	Moderate: GL-3.10 Very hard:			
Water level observed upon completion (m): 1.89		Technician: DH			
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10				Grass over MADE GROUND (dark brown slightly gravelly friable LOAM with roots. Gravel of fine white chalk fragments)
D	0.30		0.40		Brown very sandy (fine) CLAY with occasional roots
B	0.50-0.70		0.80		Stiff orangish brown very sandy (fine) CLAY/clayey fine SAND with root remains
D	1.00	75	1.20		Orangish brown and grey fine sandy CLAY with rare weak ferruginous sandstone fragments present at 2.00m and becoming very sandy at 2.50m
D	1.50	75			
D	2.00	90			
D	2.50				
D	3.00		3.10		END OF BOREHOLE

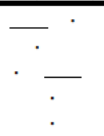
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		A			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. none		Drive-in Window Sampler		Very easy:		Difficult: 1.20-3.10			
2.		60mm to 50mm diameter		Moderate: GL-1.20		Very hard:			
Water level observed upon completion (m): dry				Technician: DH					
Remarks									
Samples or tests			Shear Strength (kPa)	Depth		Legend	Strata Description		
Type	Depth (m)								
D	0.10	115	0.20			Grass over MADE GROUND (dark brown friable LOAM with rootlets)			
D	0.30						Dark brown very sandy (fine) CLAY with rootlets (Disturbed/MADE GROUND)		
D	0.50						Brown very sandy CLAY with rare root hairs and rare weak sandstone fragments		
		0.75		Stiff orangish brown and grey fine sandy CLAY					
D	1.00			135	1.70		Very stiff orangish brown and grey friable very sandy (fine) CLAY		
D	1.50						220		
D	2.00								
D	2.50								
D	3.00								
		3.10				END OF BOREHOLE			
									
									
									
									
									
									
									
									
									

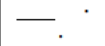
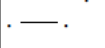
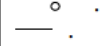
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		B			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 1.60		Drive-in Window Sampler		Very easy: Difficult: 1.30-3.10					
2.		60mm to 50mm diameter		Moderate: GL-1.30 Very hard:					
Water level observed upon completion (m):				2.10		Technician: JM			
Remarks									
Samples or tests			Shear Strength (kPa)	Depth		Legend	Strata Description		
Type	Depth (m)								
D	0.10		145	0.40			Grass over MADE GROUND (dark brown slightly gravelly very silty CLAY with occasional roots. Gravel of flint and rare white chalk fragments)		
D	0.30								
D	0.50								
D	1.00		220	1.80			Stiff orangish brown and grey fine sandy CLAY		
D	1.50								
D	2.00								
D	2.50								
D	3.00								
				3.10			END OF BOREHOLE		

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		C			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions			Ease of excavation (m)				
1. 1.45		Drive-in Window Sampler			Very easy:		Difficult: 1.50-3.10		
2.		60mm to 50mm diameter			Moderate: GL-1.50		Very hard:		
Water level observed upon completion (m): 1.30					Technician: JM				
Remarks									
Samples or tests		Shear Strength (kPa)	Depth		Legend	Strata Description			
Type	Depth (m)								
D	0.10	100	0.40			Grass over MADE GROUND (dark brown friable LOAM with occasional roots and rare white chalk fragments)			
D	0.30								
D	0.50								
D	1.00	210	1.30			Light brownish grey fine very sandy CLAY with occasional roots in the upper margins			
D	1.50								
D	2.00								
D	2.50	190	3.10			Very stiff brownish grey slightly sandy (fine) silty CLAY with yellowish and orangish brown veining			
D	3.00								
D									
						END OF BOREHOLE			

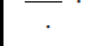
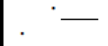
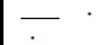
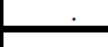
Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector

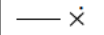
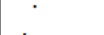
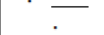
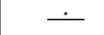
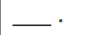
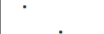
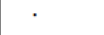
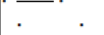
 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		www.alburysi.co.uk		BOREHOLE		E			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 1.50		Drive-in Window Sampler		Very easy: Difficult:					
2.		60mm to 50mm diameter		Moderate: GL-3.10 Very hard:					
Water level observed upon completion (m): 1.30				Technician: DH					
Remarks									
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description				
Type	Depth (m)								
D	0.10		0.20		Grass over MADE GROUND (dark brown friable LOAM with occasional glass fragments) MADE GROUND (brown/dark brown slightly gravelly sandy CLAY with roots. Gravel of white chalk fragments) Orangish brown and grey fine sandy CLAY with root hairs in the upper margins (0.50m) becoming stiff below 1.00m and very sandy at 2.00m				
D	0.30		0.40						
D	0.50								
D	1.00	95							
D	1.50	150							
D	2.00	90							
D	2.50								
D	3.00								
D									
D									
D			3.10		END OF BOREHOLE				
W	(1.30)								
									
									
									
									
									
									
									
									
									
									

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk			BOREHOLE	G	
CONTRACT	High Bar Lane, Thakeham		Report Ref	25/13296/GO	
Client	High Bar Lane Ltd		Date	10/12/2025	
Site Address	High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level		
Water Strikes (m)	Type & Dimensions	Ease of excavation (m)			
1. 1.40	Drive-in Window Sampler	Very easy: Difficult:			
2.	60mm to 50mm diameter	Moderate: GL-3.10 Very hard:			
Water level observed upon completion (m): 1.10		Technician: JM			
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10				Grass over MADE GROUND (dark brown slightly gravelly very silty CLAY/clayey LOAM with roots. Gravel of white chalk fragments)
D	0.30		0.40		
D	0.50				Orangish brown and grey fine sandy CLAY, becoming stiff and brownish grey with rare sandstone fragments at depth (1.50m)
D	1.00	115			
D	1.50	125			
D	2.00	150			
D	2.50				
D	3.00		3.10		
					END OF BOREHOLE

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		H			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 2.30		Drive-in Window Sampler		Very easy: Difficult: 3.00-3.10					
2.		60mm to 50mm diameter		Moderate: GL-3.00 Very hard:					
Water level observed upon completion (m): 1.05				Technician: DH					
Remarks									
Samples or tests			Shear Strength (kPa)	Depth		Legend	Strata Description		
Type	Depth (m)								
D	0.10	170		0.40		Grass over MADE GROUND (dark brown slightly gravelly clayey SAND. Gravel of flint and brick fragments)			
D	0.30								
D	0.50								
		105		0.70		Dark brown very sandy CLAY with occasional roots (probable disturbed or MADE GROUND)			
D	1.00	80		2.20		Stiff orangish brown and grey fine sandy CLAY with some ferruginous sandstone fragments in the upper margins (1.50m)			
D	1.50	105		2.80		Grey and orangish brown very sandy CLAY			
D	2.00	80		3.10		Orangish brown slightly gravelly very sandy CLAY. Gravel of sandstone			
D	2.50	105				END OF BOREHOLE			
D	3.00	80							

Symbol Code: **B** - Large Disturbed **D** - Small Disturbed **W** - Water Sample **R** - Root Sample **HSV** - Hand Shear Vane **PID** - Photo Ionisation Detector

 ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE		J			
CONTRACT		High Bar Lane, Thakeham				Report Ref		25/13296/GO	
Client		High Bar Lane Ltd				Date		10/12/2025	
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH				Ground Level			
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)					
1. 2.50		Drive-in Window Sampler		Very easy: Difficult:					
2.		60mm to 50mm diameter		Moderate: GL-3.10 Very hard:					
Water level observed upon completion (m): 2.20				Technician: DH					
Remarks Adjacent to mature Poplar trees.									
Samples or tests			Shear Strength (kPa)	Depth		Legend	Strata Description		
Type	Depth (m)								
D	0.10	150	0.20			Grass/brambles over MADE GROUND (brown slightly gravelly sandy CLAY with roots. Gravel of flint)			
D	0.30								
D	0.50								
D	1.00	170	1.40			Orangish brown and grey fine sandy CLAY with occasional roots, becoming stiff below 1.00m			
D	1.50								
D	1.70								
D	2.00	170	2.20			Orangish brown and grey sandy CLAY with roots and organic matter			
D	2.50								
D	3.00								
			3.10			Very stiff orangish brown and grey fine sandy CLAY with occasional roots			
									
									
						Dark grey and brown fine sandy CLAY with traces of roots, becoming very sandy at depth			
									
									
						END OF BOREHOLE			
									
									
									
									
									
									
									
									
									

ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH www.alburysi.co.uk				BOREHOLE	K
CONTRACT		High Bar Lane, Thakeham		Report Ref	25/13296/GO
Client		High Bar Lane Ltd		Date	10/12/2025
Site Address		High Bar Lane, Thakeham, Pulborough, West Sussex RH20 3EH		Ground Level	
Water Strikes (m)		Type & Dimensions		Ease of excavation (m)	
1. 2.70		Drive-in Window Sampler		Very easy: Difficult:	
2.		60mm to 50mm diameter		Moderate: GL-3.10 Very hard:	
Water level observed upon completion (m):		1.95		Technician: DH	
Remarks					
Samples or tests		Shear Strength (kPa)	Depth	Legend	Strata Description
Type	Depth (m)				
D	0.10	110	0.20		Grass over MADE GROUND (dark brown friable LOAM with occasional roots)
D	0.30				Brown becoming orangish brown slightly sandy silty CLAY
D	0.50				0.80
D	1.00				
D	1.50				
D	2.00	140			
D	2.50				
D	3.00				
			3.10		END OF BOREHOLE
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					

APPENDIX 2

LABORATORY TEST RESULTS

INDEX PROPERTIES AND WATER CONTENTS

BS 1377 : Part 2 and BS EN ISO 17892: Part 1 and Part 12: 5.3 and 6.1

Report Ref		25/13296/GO		Contract	High Bar Lane, Thakeham							Sheet 1 of 3
BH/TP No.	Sample		Water Content W %	Liquid Limit W _L %	Plastic Limit W _p %	Plasticity Index IP %	Passing 425 µm Sieve %	Modified Plasticity Index IP _c %	Atterberg Classification	NHBC Classification VCP	Sample Preparation	Remarks
	Depth m	Description										
BHA	1.00	Orangish brown and grey fine sandy CLAY	24.6	42	19	23	100	23	CI	Medium	A	
BHB	1.00	Orangish brown and grey fine sandy CLAY	31.6	55	26	29	100	29	CH	Medium	A	
BHC	1.50	Brownish grey slightly sandy (fine) silty CLAY with yellowish and orangish brown veining	37.8	51	24	27	94	25	CH	Medium	S	
BHD	1.50	Orangish brown and grey slightly sandy (fine) silty CLAY	36.1	61	24	37	100	37	CH	Medium	A	
BHE	1.00	Orangish brown and grey fine sandy CLAY	24.3	42	18	24	100	24	CI	Medium	A	
	2.00	Orangish brown and grey very sandy (fine) CLAY	23.3	29	19	10	96	10	CL	Low	S	
BHF	1.00	Orangish brown and grey fine sandy CLAY	25.6	43	20	23	100	23	CI	Medium	A	
BHG	1.50	Brownish grey fine sandy CLAY with rare sandstone fragments	24.0	35	18	17	100	17	CL/CI	Low	A	
BHH	1.00	Orangish brown and grey fine sandy CLAY	22.4	43	18	25	100	25	CI	Medium	A	
	3.00	Orangish brown slightly gravelly very sandy CLAY	26.3	31	17	14	95	13	CL	Low	S	
BHJ	2.00	Orangish brown and grey fine sandy CLAY	26.0	56	22	34	100	34	CH	Medium	A	
Liquid Limit determined by one-point fall cone method using 80g 30° cone and correction factors after Clayton and Jukes (1978) unless otherwise stated above KEY: Soil Type: C - Clay M - Silt O - Organic NP - Non Plastic Plasticity: L - Low I - Intermediate H - High V - Very High E - Extremely High Sample Preparation: A - As Received H - Particles >425µm removed by hand picking S - Particles >425µm removed by washing and wet sieving with oven drying												



ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

Index Properties (July 2024)

INDEX PROPERTIES AND WATER CONTENTS

BS 1377 : Part 2 and BS EN ISO 17892: Part 1 and Part 12: 5.3 and 6.1

Report Ref		25/13296/GO		Contract	High Bar Lane, Thakeham							Sheet 2 of 3
BH/TP No.	Sample		Water Content W %	Liquid Limit W _L %	Plastic Limit W _p %	Plasticity Index IP %	Passing 425 µm Sieve %	Modified Plasticity Index IP _c %	Atterberg Classification	NHBC Classification VCP	Sample Preparation	Remarks
	Depth m	Description										
BHK	1.50	Orangish brown and grey fine sandy CLAY	23.6	41	19	22	100	22	CI	Medium	A	
CBR2	1.00	Orangish brown and grey fine sandy CLAY	40.2	58	29	29	100	29	CH	Medium	A	
CBR3	0.50-0.70	Orangish brown and grey fine sandy CLAY	24.4	57	21	36	100	36	CH	Medium	A	
	1.00	Orangish brown and brownish grey fine sandy CLAY	33.0	62	28	34	100	34	CH	Medium	A	
CBR4	0.50-0.70	Orangish brown slightly gravelly sandy CLAY with roots	21.7	37	18	19	80	15	CI	Low	S	
	1.00	Brown and grey fine sandy CLAY	26.6	55	21	34	100	34	CH	Medium	A	
CBR5	0.50-0.70	Brown/orangish brown clayey fine SAND possible disturbed/made ground	21.4	28	19	9	100	9	CL	Non-shrinkable	A	
	1.00	Orangish brown and grey fine sandy CLAY	25.4	45	19	26	100	26	CI	Medium	A	
CBR6	1.00	Orangish brown and grey fine sandy CLAY	25.1	42	18	24	100	24	CI	Medium	A	
CBR7	0.50-0.70	Brown very sandy (fine) CLAY	21.9	30	17	13	100	13	CL	Low	A	
	1.00	Orangish brown very sandy (fine) CLAY/clayey fine SAND	20.1	28	18	10	100	10	CL	Low	A	
Liquid Limit determined by one-point fall cone method using 80g 30° cone and correction factors after Clayton and Jukes (1978) unless otherwise stated above KEY: Soil Type: C - Clay M - Silt O - Organic NP - Non Plastic Plasticity: L - Low I - Intermediate H - High V - Very High E - Extremely High Sample Preparation: A - As Received H - Particles >425µm removed by hand picking S - Particles >425µm removed by washing and wet sieving with oven drying												



ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

INDEX PROPERTIES AND WATER CONTENTS

BS 1377 : Part 2 and BS EN ISO 17892: Part 1 and Part 12: 5.3 and 6.1

Report Ref		25/13296/GO		Contract	High Bar Lane, Thakeham							Sheet 3 of 3
BH/TP No.	Sample		Water Content W %	Liquid Limit W _L %	Plastic Limit W _p %	Plasticity Index IP %	Passing 425 µm Sieve %	Modified Plasticity Index IP _c %	Atterberg Classification	NHBC Classification VCP	Sample Preparation	Remarks
	Depth m	Description										
TP1	1.00	Orangish brown and grey fine sandy CLAY	33.0	59	26	33	100	33	CH	Medium	A	
TP2	1.00	Orangish brown and grey fine sandy CLAY	33.7	57	29	28	100	28	CH	Medium	A	
TP3	1.00	Orangish brown and grey fine sandy CLAY	27.6	57	23	34	100	34	CH	Medium	A	
TP4	1.50	Orangish brown and grey very sandy (fine) CLAY	24.2	35	18	17	100	17	CL/CI	Low	A	
TP5	1.50	Orangish brown and grey fine sandy CLAY	22.7	40	18	22	100	22	CI	Medium	A	
TP6	2.00	Orangish brown and grey very sandy (fine) CLAY	22.4	34	18	16	100	16	CL	Low	A	
TP7	1.00	Orangish brown and grey fine sandy CLAY	25.6	44	18	26	100	26	CI	Medium	A	
TP8	1.00	Orangish brown and grey fine sandy CLAY	24.2	38	19	19	100	19	CI	Low	A	

Liquid Limit determined by one-point fall cone method using 80g 30° cone and correction factors after Clayton and Jukes (1978) unless otherwise stated above

KEY: Soil Type: **C** - Clay **M** - Silt **O** - Organic **NP** - Non Plastic
 Plasticity: **L** - Low **I** - Intermediate **H** - High **V** - Very High **E** - Extremely High
 Sample Preparation: **A** - As Received **H** - Particles >425µm removed by hand picking **S** - Particles >425µm removed by washing and wet sieving with oven drying



ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

LABORATORY CALIFORNIA BEARING RATIO TEST

BS 1377 : Part 4 : 1990

Report Ref	25/13296/GO	Contract	High Bar Lane, Thakeham
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CBR No.	Sample			Natural Condition		Laboratory		CBR		Remarks
	Depth m	Description	% retained on 20mm sieve	Bulk Density kg/cu.m	Water Content %	Dry Density kg/cu.m	Water Content %	Top %	Base %	
1	0.50-0.70	Orangish brown very sandy CLAY with occasional roots, traces of white chalk and rare coarse sandstone fragments (probable MADE GROUND)	0.7		22.2	1570	21.8	0.8	0.9	
2	0.50-0.70	Orangish brown fine sandy CLAY with roots	0		31.0	1525	30.1	1.8	1.9	
3	0.50-0.70	Orangish brown fine sandy CLAY with occasional roots and rare coarse sandstone fragments	3.6		24.4	1550	24.1	1.2	1.3	
4	0.50-0.70	Orangish brown slightly gravelly sandy CLAY with roots. Gravel of sandstone fragments with some cobbles	12.3		22.4	1650	21.7	1.3	1.5	
5	0.50-0.70	Brown/orangish brown clayey fine SAND with rare weak black sandstone or charcoal fragments - possibly disturbed	0		21.1	1615	20.2	0.8	1.1	
6	0.50-0.70	MADE GROUND (brown slightly gravelly sandy CLAY becoming very sandy with depth. Gravel of flint and brick fragments.	0		23.8	1530	23.4	1.2	1.2	
7	0.50-0.70	Brown very sandy (fine) CLAY with occasional roots	0		22.4	1590	21.8	0.8	0.8	



ALBURY S.I. LTD Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH

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Analytical Report Number : 25-067182

Project / Site name:	High Bar Lane, Thakeham	Samples received on:	12/12/2025
Your job number:	25 13269 GO	Samples instructed on/ Analysis started on:	12/12/2025
Your order number:	15857	Analysis completed by:	29/12/2025
Report Issue Number:	1	Report issued on:	29/12/2025
Samples Analysed:	14 soil samples		

Signed: _____

Rachel Chappell
Key Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

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Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-067182
Project / Site name: High Bar Lane, Thakeham
Your Order No: 15857

Lab Sample Number	780346	780347	780348	780349	780350
Sample Reference	BH A	BH B	BH C	BH D	BH E
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	22	22	32	24	18
Total mass of sample received	kg	0.1	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	WEM	WEM	WEM
Analysis completed	N/A	N/A	N/A	22/12/2025	22/12/2025	22/12/2025	22/12/2025	22/12/2025

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	6	6.8	7	6.2	7.6
Total Sulphate as SO ₄	mg/kg	50	MCERTS	470	490	860	520	580
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	21	12	65	29	29
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	10.7	5.96	32.4	14.6	14.6
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.9	2.7	5	2.2	2.4

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.14	0.08	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21	0.23	0.16
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.11	0.14	0.07
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.2	3.2	2.9
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.68	0.62
Fluoranthene	mg/kg	0.05	MCERTS	0.15	< 0.05	0.17	2.8	3.9
Pyrene	mg/kg	0.05	MCERTS	0.18	< 0.05	0.16	2.4	3.6
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.09	0.91	1.7
Chrysene	mg/kg	0.05	MCERTS	0.13	< 0.05	0.11	0.91	1.7
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.18	< 0.05	< 0.05	0.99	2.6
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	0.48	0.95
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.83	2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.09	< 0.05	0.05	0.51	1.2
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.1	0.23
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.09	< 0.05	0.06	0.55	1.5

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	0.98	< 0.80	1.31	14.7	23.2
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Analytical Report Number: 25-067182
Project / Site name: High Bar Lane, Thakeham
Your Order No: 15857

Lab Sample Number	780346	780347	780348	780349	780350
Sample Reference	BH A	BH B	BH C	BH D	BH E
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.6	12	12	12	15
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.4	0.47	0.4	0.58	0.55
Boron (water soluble)	mg/kg	0.2	MCERTS	< 0.2	0.4	4.9	0.3	0.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.3	< 0.2	0.2
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	11	15	13	16	15
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11	15	13	16	15
Copper (aqua regia extractable)	mg/kg	1	MCERTS	14	15	14	13	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	42	23	26	25	33
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	5.4	5.3	4.2	6.1	6.1
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	18	24	20	25	25
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	57	89	67	71

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC40 _{EH_CU_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC35 - EC44 _{EH_CU_ID_AL}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	12
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	33
TPHCWG - Aromatic >EC21 - EC40 _{EH_CU_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	44
TPHCWG - Aromatic >EC35 - EC44 _{EH_CU_ID_AR}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	25
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	45
TPHCWG - Aromatic >EC5 - EC44 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	71

TPH Total >EC6 - EC40 _{EH_CU+HS_ID_TOTAL}	mg/kg	10	NONE	< 10	< 10	< 10	13	58
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Petroleum Range Organics (EC6 - EC10) _{HS_ID_TOTAL}	mg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH (EC10 - EC40) _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	13	58

Analytical Report Number: 25-067182

Project / Site name: High Bar Lane, Thakeham

Your Order No: 15857

Lab Sample Number	780346	780347	780348	780349	780350
Sample Reference	BH A	BH B	BH C	BH D	BH E
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-067182
Project / Site name: High Bar Lane, Thakeham
Your Order No: 15857

Lab Sample Number	780351	780352	780353	780354	780355
Sample Reference	BH F	BH G	BH H	BH I	BH J
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	22	20	17	21
Total mass of sample received	kg	0.1	NONE	0.6	0.7	0.5	0.6	0.6

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	DKI	DKI	DKI	DKI	DKI
Analysis completed	N/A	N/A	N/A	22/12/2025	22/12/2025	22/12/2025	22/12/2025	22/12/2025

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	7.8	7	7.7	7.5	6.6
Total Sulphate as SO ₄	mg/kg	50	MCERTS	400	470	570	540	470
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	14	22	35	20	48
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	7.01	11	17.4	9.99	23.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.2	2.3	2.4	1.8	1.8

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.31	0.07	0.41
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.08	< 0.05	0.09
Fluoranthene	mg/kg	0.05	MCERTS	0.07	0.06	0.52	0.21	0.65
Pyrene	mg/kg	0.05	MCERTS	0.07	0.07	0.41	0.21	0.63
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.05	< 0.05	0.33	0.15	0.32
Chrysene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.33	0.16	0.36
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.41	0.21	0.47
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.18	0.08	0.17
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.3	< 0.05	0.37
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.17	0.11	0.25
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.06	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.19	0.11	0.28

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	< 0.80	3.3	1.31	4.06
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Analytical Report Number: 25-067182
Project / Site name: High Bar Lane, Thakeham
Your Order No: 15857

Lab Sample Number	780351	780352	780353	780354	780355
Sample Reference	BH F	BH G	BH H	BH I	BH J
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.5	9.1	8.2	8.3	12
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.47	0.43	0.52	0.55	0.71
Boron (water soluble)	mg/kg	0.2	MCERTS	0.3	0.6	0.6	1	0.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	0.3	< 0.2
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	14	15	15	16	18
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	14	15	15	16	18
Copper (aqua regia extractable)	mg/kg	1	MCERTS	14	15	15	24	15
Lead (aqua regia extractable)	mg/kg	1	MCERTS	24	21	30	30	33
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	6.6	6	7.8	8.3	8.5
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	20	21	19	23	27
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	50	68	57	64	68

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC40 _{EH_CU_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC35 - EC44 _{EH_CU_ID_AL}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC40 _{EH_CU_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC35 - EC44 _{EH_CU_ID_AR}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC44 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH Total >EC6 - EC40 _{EH_CU+HS_ID_TOTAL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
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Petroleum Range Organics (EC6 - EC10) _{HS_ID_TOTAL}	mg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH (EC10 - EC40) _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

Analytical Report Number: 25-067182

Project / Site name: High Bar Lane, Thakeham

Your Order No: 15857

Lab Sample Number	780351	780352	780353	780354	780355
Sample Reference	BH F	BH G	BH H	BH I	BH J
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.10	0.10
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 25-067182

Project / Site name: High Bar Lane, Thakeham

Your Order No: 15857

Lab Sample Number	780356	780357	780358	780359
Sample Reference	BH K	TP1	TP2	TP6
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.50
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	21	18	15
Total mass of sample received	kg	0.1	NONE	0.6	0.7	0.6	0.7

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	SPU	SPU
Analysis completed	N/A	N/A	N/A	22/12/2025	22/12/2025	22/12/2025	22/12/2025

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	6.7	7.2	7.5	10.8
Total Sulphate as SO ₄	mg/kg	50	MCERTS	590	530	290	760
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	22	50	12	240
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	10.9	25	6.07	121
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.2	1.4	1.8	0.4

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.14	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.58	0.07	0.06	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.62	0.07	0.06	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.37	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.42	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.65	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.23	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.5	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.29	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.08	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.34	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	4.2	< 0.80	< 0.80	< 0.80
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Analytical Report Number: 25-067182
Project / Site name: High Bar Lane, Thakeham
Your Order No: 15857

Lab Sample Number	780356	780357	780358	780359
Sample Reference	BH K	TP1	TP2	TP6
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.50
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	21	13	13
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.6	0.54	0.55	1
Boron (water soluble)	mg/kg	0.2	MCERTS	0.6	0.7	0.7	0.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	< 0.2
Chromium (hexavalent) Low Level	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	14	20	17	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	14	20	17	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	25	9.3	9	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	69	18	22	9.3
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	7.2	6.8	6.4	13
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	22	30	25	34
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	32	43	34

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC40 _{EH_CU_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC35 - EC44 _{EH_CU_ID_AL}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC40 _{EH_CU_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC35 - EC44 _{EH_CU_ID_AR}	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC44 _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10

TPH Total >EC6 - EC40 _{EH_CU+HS_ID_TOTAL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10
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Petroleum Range Organics (EC6 - EC10) _{HS_ID_TOTAL}	mg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0
TPH (EC10 - EC40) _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10

Analytical Report Number: 25-067182

Project / Site name: High Bar Lane, Thakeham

Your Order No: 15857

Lab Sample Number	780356	780357	780358	780359
Sample Reference	BH K	TP1	TP2	TP6
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.10	0.10	0.50
Date Sampled	10/12/2025	10/12/2025	10/12/2025	10/12/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 25-067182

Project / Site name: High Bar Lane, Thakeham

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
780346	BH A	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780347	BH B	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780348	BH C	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780349	BH D	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780350	BH E	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780351	BH F	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780352	BH G	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780353	BH H	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780354	BH I	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780355	BH J	None Supplied	0.1	Brown clay and loam with gravel and vegetation
780356	BH K	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780357	TP1	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780358	TP2	None Supplied	0.1	Brown loam and clay with gravel and vegetation
780359	TP6	None Supplied	0.5	Brown clay and sand with vegetation

Analytical Report Number : 25-067182

Project / Site name: High Bar Lane, Thakeham

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES	In-house method based on Second Site Properties version 3	L038B	D	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
TPH Chromatogram in soil	TPH Chromatogram in soil	In-house method	L064B	D	NONE
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID with carbon banding aliphatic and aromatic	In-house method	L076B	D	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil (Summed Bands)	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).	Calculation	L076B/L088-PL	D/W	NONE
Total petroleum hydrocarbons by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID	In-house method	L076B	D	MCERTS
Total petroleum hydrocarbons by GC-FID/GC-MS HS in soil (Summed Bands)	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS (Summed Bands).	Calculation	L076B/L088-PL	D/W	NONE

Analytical Report Number : 25-067182

Project / Site name: High Bar Lane, Thakeham

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Chromium III in soil	In-house method by calculation from total Cr and Cr VI	In-house method by calculation	L080-PL/L130B	W	NONE
Hexavalent chromium in soil (low level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	NONE
Total petroleum hydrocarbons with carbon banding by HS-GC/MS in soil	Determination of total petroleum hydrocarbons in soil by HS-GC/MS with carbon banding aliphatic and aromatic	In-house method	L088-PL	W	MCERTS
Total petroleum hydrocarbons by HS-GC-MS in soil	Determination of total petroleum hydrocarbons in soil by HS-GC-MS	In-house method	L129-PL	W	ISO 17025
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

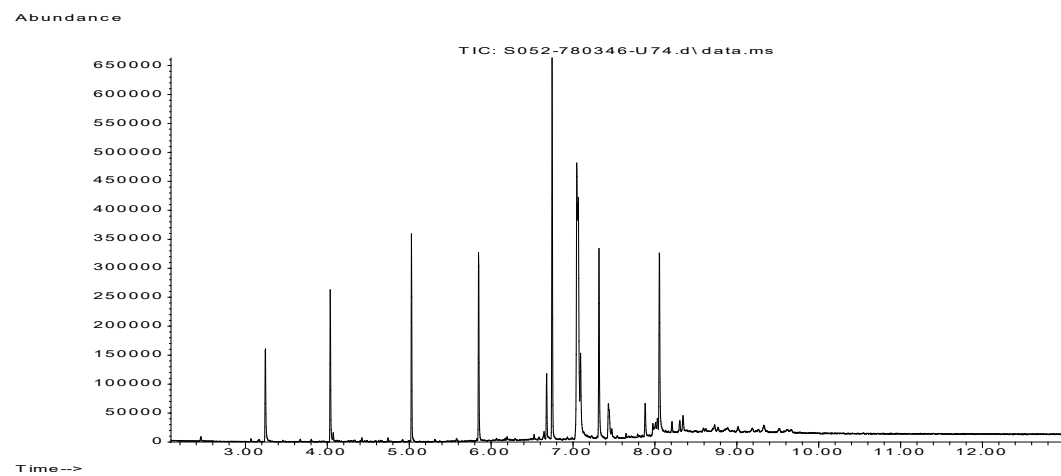
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

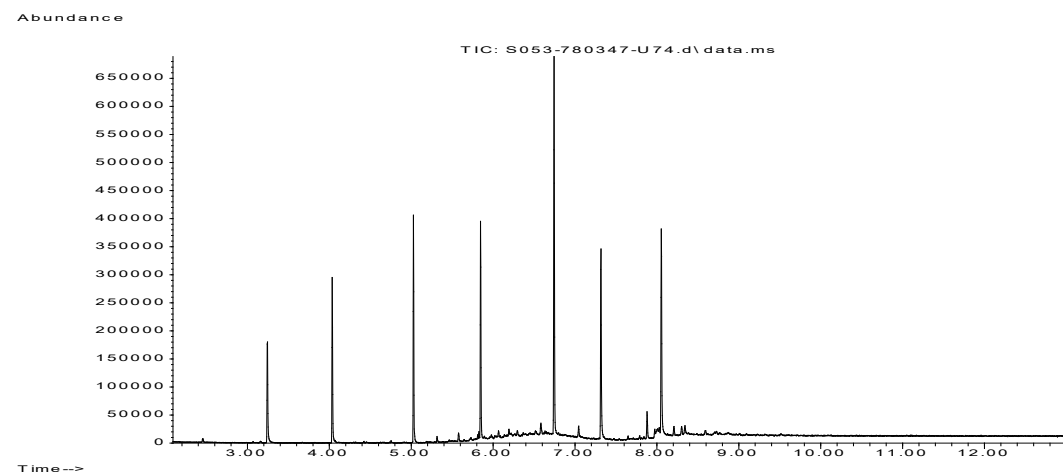
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

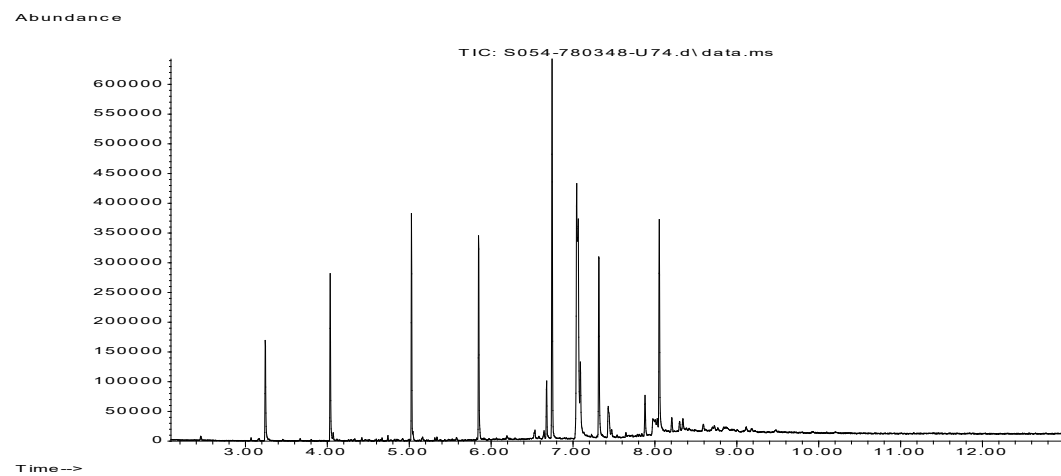
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

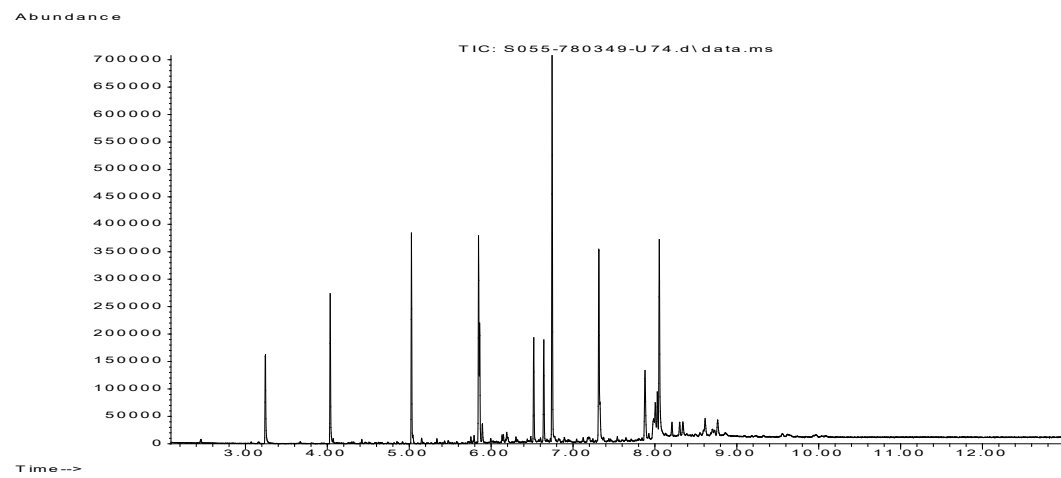
Quality control parameter failure associated with individual result applies to calculated sum of individuals.

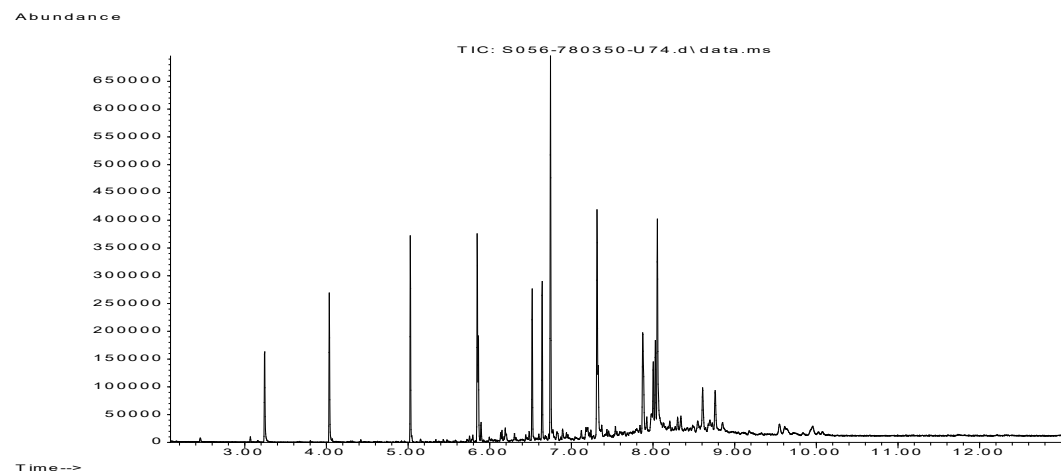
The result for sum should be interpreted with caution

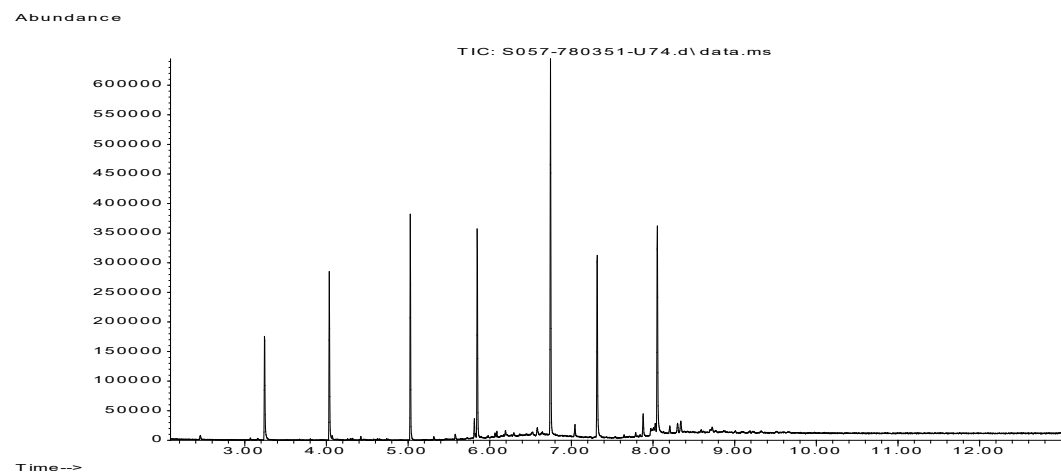




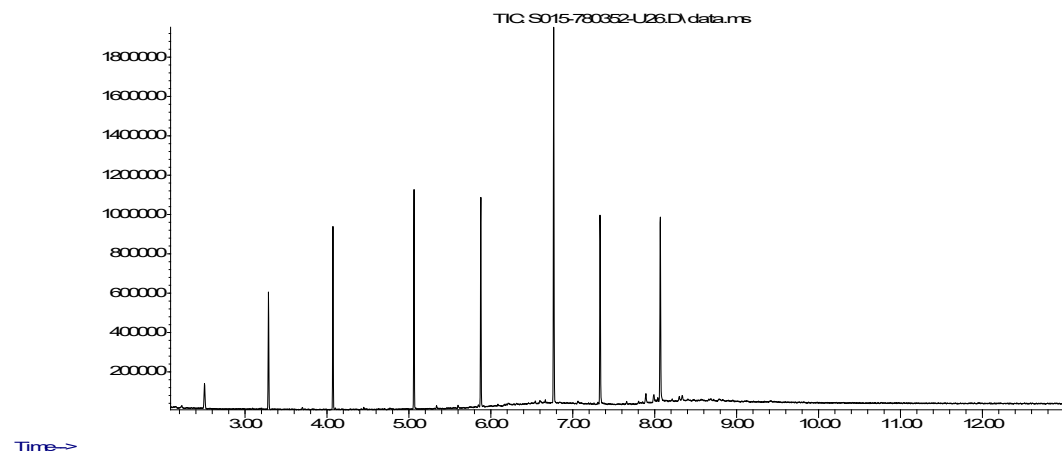


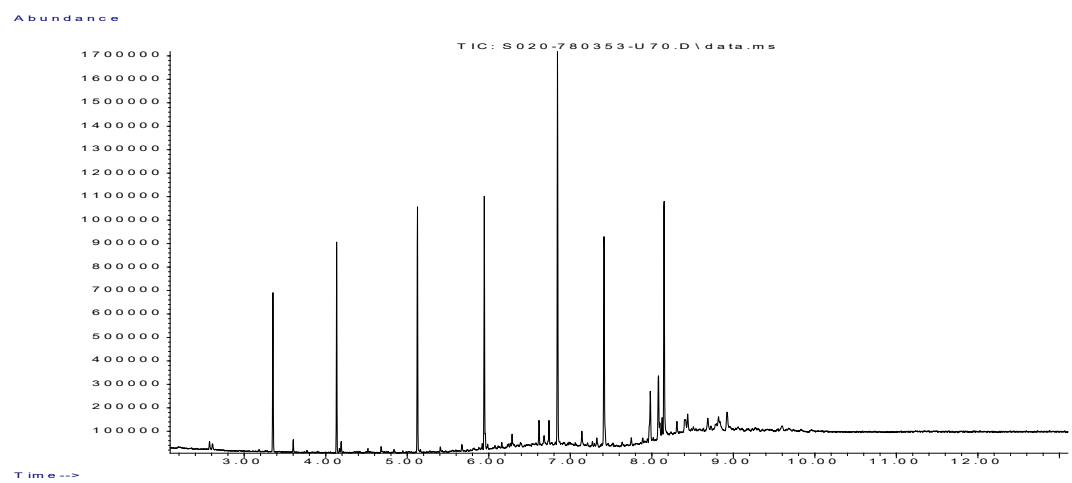


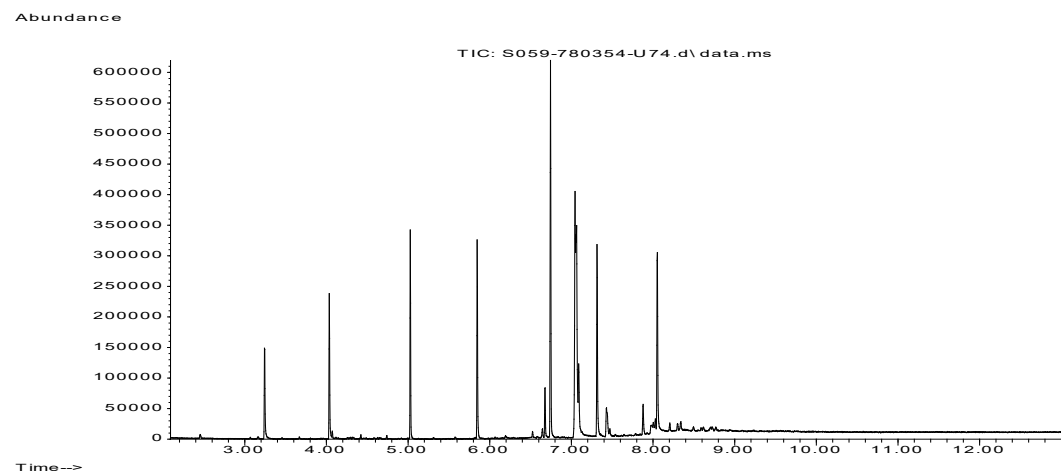


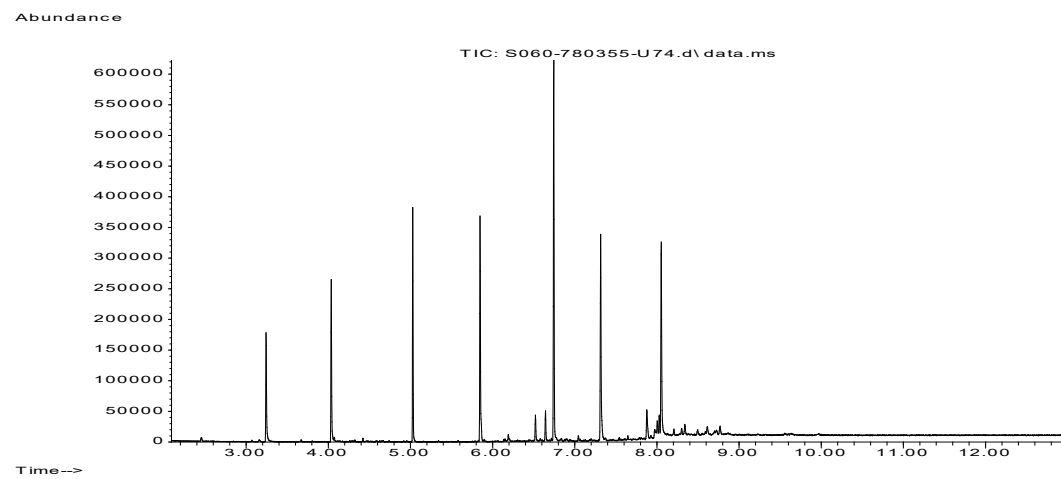


Abundance

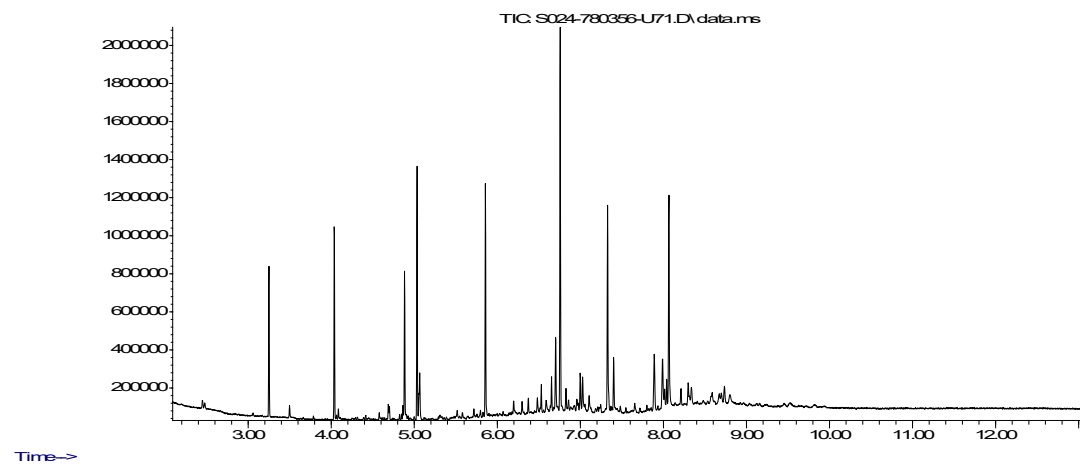




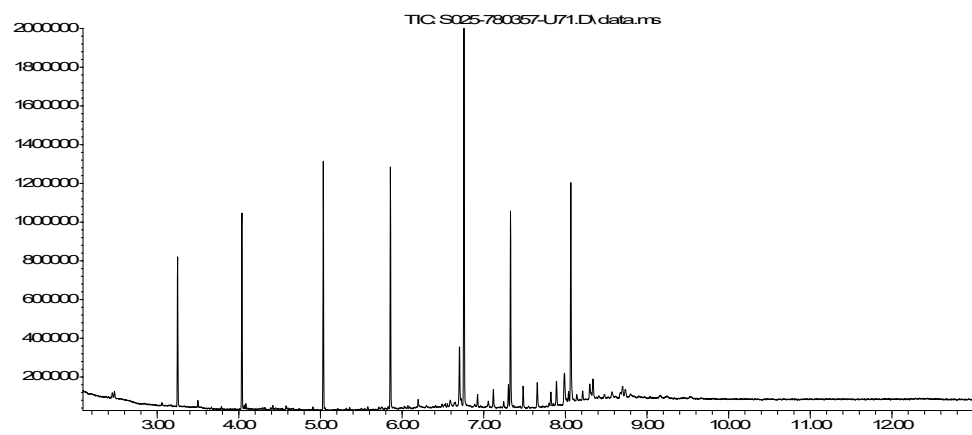




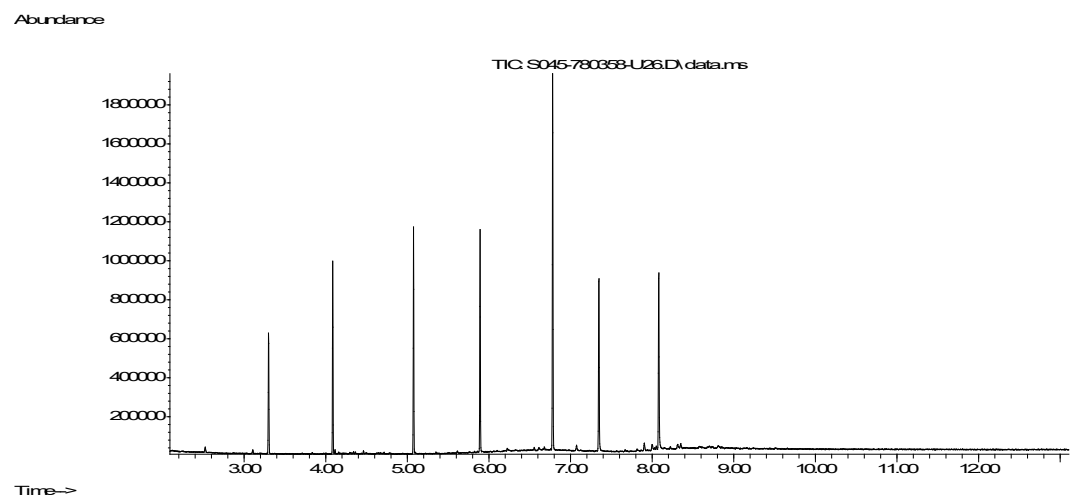
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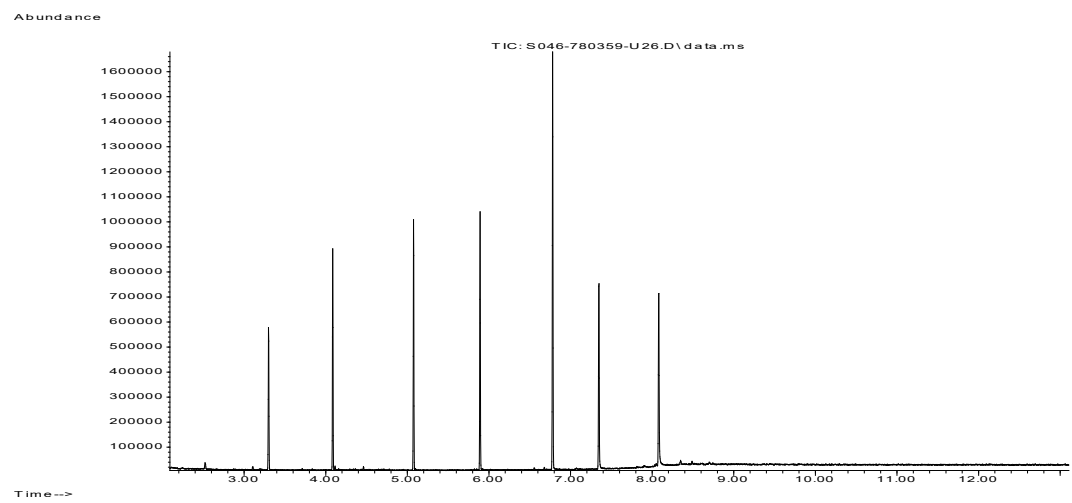


Abundance



Time-->





Site name: High Bar Lane, Thakeham
Report Ref: 25/13296/GO

SUMMARY TABLE OF RESULTS



Sample Reference		BH A	BH B	BH C	BH D	BH E	BH F	BH G	BH H	BH I	BH J	BH K	TP1	TP2	TP6	Standard Deviation	Arithmetic Mean	S4UL/C45UL GAC Residential with home-grown produce (1% SOH)	
Depth (m)		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.50				
Date Sampled		10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025	10/12/2025			
Analytical Parameter	Units																		
	Notes																		
Asbestos in Soil	Type	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected		Not-detected	
pH	pH Units	N/A	6	6.5	7	6.2	7.6	7.8	7	7.7	7.5	6.6	6.7	7.2	7.5	10.8	1.14	7.31	
Total Sulphate as SO ₄	mg/kg	50	470	490	860	520	580	400	470	570	540	470	590	530	290	790	140.21	538.57	
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	10.7	5.96	32.4	14.6	14.6	7.01	11	17.4	9.99	23.9	10.9	25	6.07	121	29	22	
Total Organic Carbon (TOC)	%	0.1	1.9	2.7	5	2.2	2.4	2.2	2.3	2.4	1.8	1.8	2.2	1.4	1.8	0.4	0.99	2.18	
Speciated PAHs																			
Naphthalene	mg/kg	0.05	<0.05	<0.05	0.14	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.04	0.11	2.3
Acenaphthylene	mg/kg	0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	0.00	0.06	210
Acenaphthene	mg/kg	0.05	<0.05	<0.05	0.21	0.23	0.16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.04	0.20	170
Fluorene	mg/kg	0.05	<0.05	<0.05	0.11	0.14	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.04	0.11	170
Phenanthrene	mg/kg	0.05	<0.05	<0.05	0.2	3.2	2.9	<0.05	<0.05	0.31	0.07	0.41	0.14	<0.05	<0.05	<0.05	1.39	1.63	95
Anthracene	mg/kg	0.05	<0.05	<0.05	<0.05	0.68	0.62	<0.05	<0.05	0.08	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	0.33	0.27	2400
Fluoranthene	mg/kg	0.05	0.15	<0.05	0.17	2.8	3.9	0.07	0.06	0.52	0.21	0.65	0.58	0.07	0.06	<0.05	1.25	0.77	280
Pyrene	mg/kg	0.05	0.18	<0.05	0.16	2.4	3.6	0.07	0.07	0.41	0.21	0.63	0.62	0.07	0.06	<0.05	1.12	0.71	620
Benzol(a)anthracene	mg/kg	0.05	0.1	<0.05	0.09	0.91	1.7	0.05	<0.05	0.33	0.15	0.32	0.37	<0.05	<0.05	<0.05	0.54	0.45	7.2
Chrysene	mg/kg	0.05	0.13	<0.05	0.11	0.91	1.7	0.06	<0.05	0.33	0.16	0.36	0.42	<0.05	<0.05	<0.05	0.53	0.46	15
Benzol(b)fluoranthene	mg/kg	0.05	0.18	<0.05	<0.05	0.99	2.6	<0.05	<0.05	0.41	0.21	0.47	0.65	<0.05	<0.05	<0.05	0.65	0.79	2.6
Benzol(k)fluoranthene	mg/kg	0.05	0.07	<0.05	<0.05	0.46	0.95	<0.05	<0.05	0.16	0.08	0.17	0.23	<0.05	<0.05	<0.05	0.31	0.31	77
Benzol(a)pyrene	mg/kg	0.05	<0.05	<0.05	<0.05	0.83	2	<0.05	<0.05	0.3	<0.05	0.37	0.5	<0.05	<0.05	<0.05	0.70	0.80	2.2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	0.09	<0.05	0.05	0.51	1.2	<0.05	<0.05	0.17	0.11	0.25	0.29	<0.05	<0.05	<0.05	0.38	0.33	27
Dibenz(a,h)anthracene	mg/kg	0.05	<0.05	<0.05	<0.05	0.1	0.23	<0.05	<0.05	0.06	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	0.08	0.12	0.24
Benzol(g)perylene	mg/kg	0.05	0.09	<0.05	0.06	0.55	1.5	<0.05	<0.05	0.19	0.11	0.28	0.34	<0.05	<0.05	<0.05	0.48	0.39	320
Speciated Total EPA-16 PAHs																			
Heavy Metals / Metalloids																			
Arsenic	mg/kg	1	8.6	12	12	12	15	8.5	9.1	8.2	8.3	12	10	21	13	13	3.4	11.6	37
Beryllium	mg/kg	0.06	0.4	0.47	0.4	0.58	0.55	0.47	0.43	0.52	0.55	0.71	0.6	0.54	0.56	1	0.2	0.6	1.7
Boron (water soluble)	mg/kg	0.2	<0.2	0.4	4.9	0.3	0.3	0.4	0.6	1	0.8	0.6	0.7	0.7	0.5	0.7	1.2	0.9	290
Cadmium	mg/kg	0.2	<0.2	<0.2	0.3	<0.2	0.2	0.4	<0.2	<0.2	0.3	<0.2	0.4	<0.2	<0.2	<0.2	0.1	0.3	11
Chromium (hexavalent) Low Level	mg/kg	1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2			6
Chromium	mg/kg	1	11	15	13	16	15	14	15	15	16	18	14	20	17	24	3.2	15.9	910
Copper	mg/kg	1	14	15	14	13	12	14	15	15	24	15	25	9.3	9	12	4.6	14.7	2400
Lead	mg/kg	1	42	23	26	25	33	34	21	30	30	33	69	18	22	9.3	12.9	29.0	290
Mercury	mg/kg	0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3			11
Nickel	mg/kg	1	5.4	6.3	4.2	6.1	6.1	6.6	6	7.8	8.3	8.5	7.2	6.8	6.4	13	2.1	7.9	130
Selenium	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			250
Vanadium	mg/kg	1	19	24	20	25	25	29	21	19	23	27	22	30	25	34	4.4	23.8	410
Zinc	mg/kg	1	130	57	89	67	71	80	68	57	64	68	130	32	43	34	30.1	68.6	2700
Petroleum Hydrocarbons																			
TPHCWG - Aliphatic >EC5 - EC6 _{AL, 10, 16}	mg/kg	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010			42
TPHCWG - Aliphatic >EC6 - EC8 _{AL, 10, 16}	mg/kg	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010			100
TPHCWG - Aliphatic >EC8 - EC10 _{AL, 10, 16}	mg/kg	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010			27
TPHCWG - Aliphatic >EC10 - EC12 _{AL, 10, 16}	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			130(48)
TPHCWG - Aliphatic >EC12 - EC16 _{AL, 10, 16}	mg/kg	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0			1100(24)
TPHCWG - Aliphatic >EC16 - EC21 _{AL, 10, 16}	mg/kg	8	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0			65000
TPHCWG - Aliphatic >EC21 - EC40 _{AL, 10, 16}	mg/kg	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			65000
TPHCWG - Aliphatic >EC35 - EC44 _{AL, 10, 16}	mg/kg	8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4			65000
TPHCWG - Aromatic >EC5 - EC7 _{AL, 10, 16}	mg/kg	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010			70
TPHCWG - Aromatic >EC7 - EC8 _{AL, 10, 16}	mg/kg	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010			130
TPHCWG - Aromatic >EC8 - EC10 _{AL, 10, 16}	mg/kg	0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020			34
TPHCWG - Aromatic >EC10 - EC12 _{AL, 10, 16}	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			74
TPHCWG - Aromatic >EC12 - EC16 _{AL, 10, 16}	mg/kg	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0			140
TPHCWG - Aromatic >EC16 - EC21 _{AL, 10, 16}	mg/kg	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			260
TPHCWG - Aromatic >EC21 - EC40 _{AL, 10, 16}	mg/kg	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			1100
TPHCWG - Aromatic >EC35 - EC44 _{AL, 10, 16}	mg/kg	8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4			1100

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*ETC/AGS/CLAIRE GAC (2010)

APPENDIX 3

DESICCATION

DESICCATION

Classification

The removal of moisture from a soil as a result of external influences with a constant stress regime, results in shrinkage or settlement of the soil. The magnitude of shrinkage is dependent upon the geological stress history of the soil, its clay content and the composition of the clay minerals. Under normal climatic conditions, there is a seasonal cyclic variation in soil moisture and, hence, volume change, which extends to depths of approximately 1m. When the soil moisture deficit attains a critical value, the shrinkage of the soil can become significant. In these circumstances, the soil can be regarded as being present in a desiccated state.

Causes

A common cause of desiccation consists of the reduction in soil moisture by tree root action. In the absence of a water table at shallow depth, root action of trees will reduce the soil moisture level in order to maintain growth. In general terms, the increase in rainfall which occurs during winter periods will allow for some replacement of the moisture content of the soil, particularly where isolated or immature trees are concerned.

However, when drought summer conditions or limited winter rainfall occurs, desiccated zones will develop within the zone of influence of tree roots. In woodland, desiccation develops as it is not possible for rainfall to overcome the soil moisture deficit. Other causes of desiccation, which have created problems to structures, include incorrectly installed and insulated heating pipes or ducts and industrial processes, ie furnaces or brick kilns.

Effects

The development of desiccation in clay soils will result in an increase in strength of the material. In addition, negative pore water pressure or soil suction will develop. Any foundation system located within soil which is subject to a reduction in soil moisture can experience structural distress, which results from the loss in volume or shrinkage of the ground. Also, if the source of the desiccation is removed, there will be heave of the soils as a result of an increase in equilibrium water content

It is evident, therefore, that foundation systems founded in soils which are actively experiencing an increase or decrease in soil moisture, will be subject to either heave or settlement, which can induce stresses within the structure. It should also be appreciated that a desiccated soil, which is experiencing an increase in equilibrium water content, will attempt to increase its volume in a horizontal as well as vertical plane. It is important, therefore, to ensure that horizontal movements do not apply differential stresses to structural elements, by incorporating collapsible membranes within remedial works.

Identification

A soil in a state of equilibrium is present in a semi-solid state. At the onset of desiccation, the condition of the soil moves towards the boundary between a solid and semi-solid state, this boundary being defined as the plastic limit of the soil. It follows, therefore, that when the natural water content of a soil lies close to, or falls below, the value of the plastic limit, the soil can be considered to be desiccated.

An alternative proposal was made by Driscoll (1983), who related the soil suction induced by desiccation to a function of the liquid limit of the soil. In general terms, desiccation is assumed to be present when the moisture content falls below a level of 40% liquid limit. The arbitrary factor of 0.4 relates to a soil suction value proposed by Croney (1977) and may vary with the composition and mineralogy of different soil types. This approach is only considered to be valid over a limited depth range as the overburden effect will result in a natural reduction in soil moisture and result in the development of negative pore pressures.

A further approach, which considers the shear strength of the clay, Pugh et al (1995), recognises the fact that a reduction in soil moisture will result in an increase in undrained shear strength as well as the development of negative pore pressures. Whilst this approach has a considerable amount of merit, care is required in establishing the value of the soil's in situ shear strength, particularly if it is not possible to obtain representative "undisturbed" samples from cable percussion boreholes. The proposal made in the Pugh paper that the simple pocket penetrometer will provide accurate consistent results should be treated with care, as the pocket penetrometer can take no account of the effects of disturbance and remoulding that are inevitable when completing a trial pit with a mechanical excavator. It is for this reason that this Company attempts to establish the shear strength of clay soils by using the Geonor Field Vane. With this test equipment the appropriate-sized vane is pushed into the side of the pit, through the thin disturbed zone which is caused by the teeth of the bucket during excavation. Furthermore, by use of the 'blank' probe, it is possible to take account of any skin friction which builds up on the shaft of the vane and thus provide a more accurate assessment of the shear strength of the soils.

Hence, a combination of the methods discussed above should be considered in order to confirm whether the development of soil moisture reduction to achieve a desiccated state has occurred within a particular site. The data for affected areas should, where possible, be compared with soils which lie outside the influence of tree root bulbs and may, therefore, be considered to be present in a stable and equilibrium state.

References

- | | |
|--|---|
| Croney D (1977) | The Design and Performance of Road Pavements
London HMSO pp 674 |
| Driscoll R (1983) | The Influence of Vegetation on the Swelling and Shrinking of Clay Soils in Britain
Geotechnique 33.4 pp 93-105 |
| Pugh RS, Parnell PG
and Parks RD (1995) | A rapid and reliable on site method of assessing desiccation in clay soils
Geotechnical Engineering 13 Jan 1995 pp 25—30 |

APPENDIX 4

WASTE

WASTE CLASSIFICATION

The European Waste Framework Directive is implemented in the UK by the 2002 Landfill Regulations, together with a number of other acts and regulations. A key part of this process is to establish the hazardous properties of potential waste. The classification and definition of hazardous waste is interpreted within the Environment Agency guidance WM3 and all wastes require classifying in accordance with the European Waste Catalogue [EWC]. The EWC is a detailed list of typical industry waste types and each has a 6 digit code. Typically the appropriate EWC codes for excavated soil being disposed off site are:

- 17 05 03* soil and stones containing dangerous substances, or
- 17 05 04 soil and stones other than those mentioned in 17 05 03

If excavated soils are to be discarded or exported from site then they would be considered controlled waste and require classification. However, if soils can be re-used on site then they are not considered to be controlled waste. A Desk Study, soil descriptions, laboratory chemical analysis and risk assessment can all contribute to basic waste characterisation. Depending upon the chemical composition or levels of contaminants in the waste (e.g. metals, TPH, asbestos), soil and stones can either be hazardous or non-hazardous. Waste Acceptance Criteria [WAC] test results are used to determine the suitability of the waste intended for disposal against the acceptance criteria for a particular class of landfill site. WAC tests are not used for the classification of waste soils and are only required for inert or hazardous excavated material which is destined for landfill.

Wastes containing asbestos with a concentration of >0.10% weight/weight (w/w) are generally considered to be hazardous. While waste with <0.10% w/w of asbestos are considered non-hazardous. Where free fibres or fibrous asbestos is present at concentrations of >0.001% then these are considered to pose a risk to human health and are deemed hazardous waste. These waste materials also require a suitably licensed company to handle them.

Waste Treatment

It is a requirement of the 2002 Landfill Regulations that all wastes must undergo some form of pre-treatment prior to disposal at an appropriately licensed landfill. Treatment is defined using a 'three-point test' and can include physical, chemical, biological or thermal processes, which must change the characteristics of the waste in order to:

- reduce its volume, or
- reduce its hazardous nature, or
- facilitate its handling, or
- enhance its recovery.

The exceptions to this are:

- inert waste for which treatment is not technically feasible.
- it is waste other than inert waste and treatment would not reduce its quantity or its hazards to human health or the environment.

The waste producer should either treat their own waste or ensure that the waste will be treated by a subsequent handler. The waste producer should record the type and amount of pre-treatment undertaken prior to disposal.

Examples of treatment include mechanical segregation or sorting, composting, soil treatment hubs and incineration. This can include physical sorting of waste soil types into separate stockpiles at the producer site, e.g. topsoil, made ground and natural clay, sand or gravels.

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)



WJHTJ-IOPJJ-EP6XB

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

Report is invalid if pages are removed.

Job name

25-067182_HWOL

Description/Comments

Project

25/13296/GO

Site

High Bar Lane, Thakeham

Classified by

Name: George Owens
 Date: 07 Jan 2026 16:00 GMT
 Telephone: 01428 684 836
 Company: Albury SI Ltd
 Miltons Yard, Petworth Rd, Witley
 Godalming
 GU8 5LH

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

Hazardous Waste Classification

Date

-

Purpose of classification

2 - Material Characterisation

Address of the waste

High Bar Lane, Thakeham

Post Code RH20 3EH

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Residential development

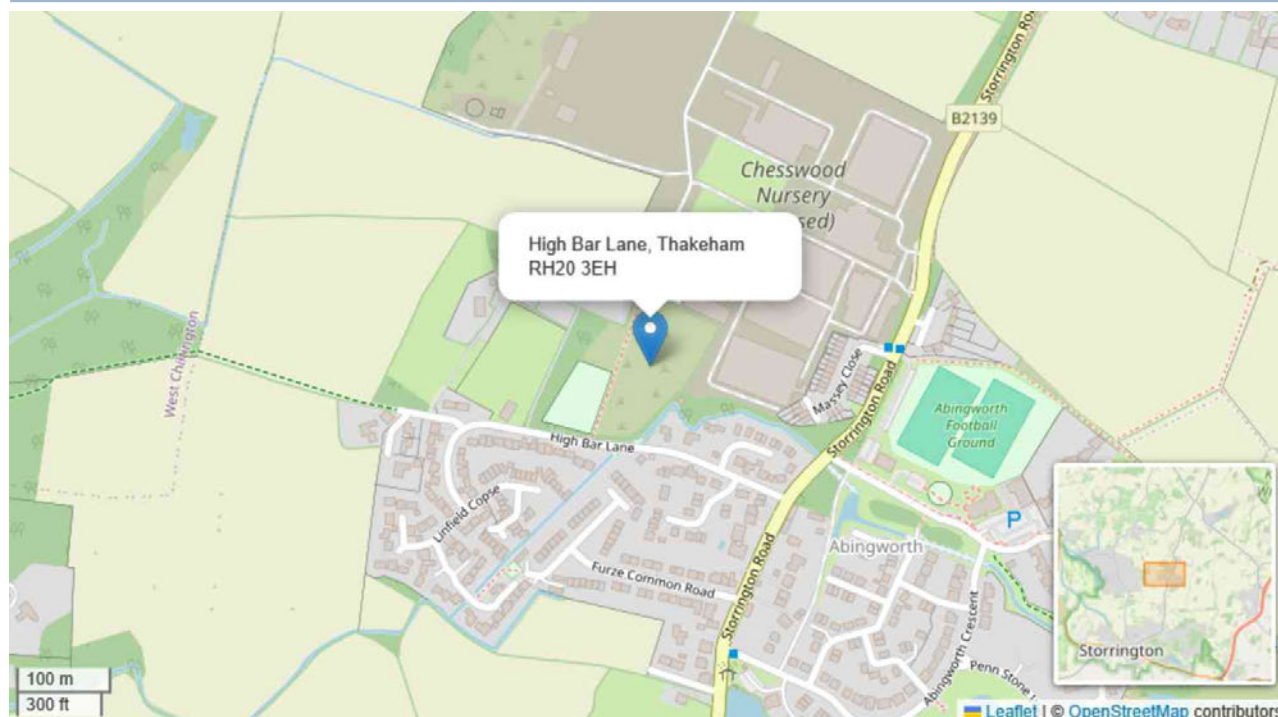
Description of the specific process, sub-process and/or activity that created the waste

Waste created during excavation of foundations

Description of the waste

made ground and sandy clay

Waste Location



Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH A--10122025-0.10	0.1	Non Hazardous		3
2	BH B--10122025-0.10	0.10	Non Hazardous		6
3	BH C--10122025-0.10	0.10	Non Hazardous		9
4	BH D--10122025-0.10	0.10	Non Hazardous		12
5	BH E--10122025-0.10	0.10	Non Hazardous		15
6	BH F--10122025-0.10	0.10	Non Hazardous		18
7	BH G--10122025-0.10	0.10	Non Hazardous		21
8	BH H--10122025-0.10	0.10	Non Hazardous		24
9	BH I--10122025-0.10	0.10	Non Hazardous		27
10	BH J--10122025-0.10	0.10	Non Hazardous		30
11	BH K--10122025-0.10	0.10	Non Hazardous		33
12	TP1--10122025-0.10	0.10	Non Hazardous		36
13	TP2--10122025-0.10	0.10	Non Hazardous		39
14	TP6--10122025-0.50	0.50	Non Hazardous		42

Related documents

#	Name	Description
1	25-067182_HWOL.hwol	i2 Analytical .hwol file used to populate the Job
2	Example worst case waste stream template: 17 05 04 or 17 05 03 *	waste stream template used to create this Job

Report

Created by: George Owens

Created date: 07 Jan 2026 16:00 GMT

Appendices

	Page
Appendix A: Classifier defined and non GB MCL determinands	45
Appendix B: Rationale for selection of metal species	46
Appendix C: Version	47

Classification of sample: BH A--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH A--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(wet weight correction)	

Hazard properties

None identified

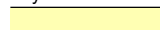
Determinands

Moisture content: 22% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				8.6 mg/kg	1.895	12.708 mg/kg	0.00127 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.4 mg/kg	8.868	2.767 mg/kg	0.000277 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				11 mg/kg	1.462	12.54 mg/kg	0.00125 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	42.905 mg/kg	0.00429 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	42 mg/kg	1.56	51.1 mg/kg	0.00328 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				5.4 mg/kg	5.358	22.569 mg/kg	0.00226 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				18 mg/kg	1.785	25.064 mg/kg	0.00251 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				130 mg/kg	2.774	281.298 mg/kg	0.0281 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				6 pH		6 pH	6pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.15 mg/kg		0.117 mg/kg	0.0000117 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.18 mg/kg		0.14 mg/kg	0.000014 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.1 mg/kg		0.078 mg/kg	0.0000078 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.13 mg/kg		0.101 mg/kg	0.0000101 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.18 mg/kg		0.14 mg/kg	0.000014 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.07 mg/kg		0.0546 mg/kg	0.00000546 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.09 mg/kg		0.0702 mg/kg	0.00000702 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.09 mg/kg		0.0702 mg/kg	0.00000702 %	✓	
		205-883-8	191-24-2							
Total:								0.0433 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH B--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH B--10122025-0.10	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)
0.10 m	
Moisture content:	
22%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	17.733 mg/kg	0.00177 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.47 mg/kg	8.868	3.251 mg/kg	0.000325 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.4 mg/kg	5.719	1.784 mg/kg	0.000178 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				15 mg/kg	1.462	17.1 mg/kg	0.00171 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	45.97 mg/kg	0.0046 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	23 mg/kg	1.56	27.983 mg/kg	0.00179 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				5.3 mg/kg	5.358	22.151 mg/kg	0.00222 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				24 mg/kg	1.785	33.419 mg/kg	0.00334 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				57 mg/kg	2.774	123.339 mg/kg	0.0123 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				6.8 pH		6.8 pH	6.8 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0283 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH C--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH C--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
32%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 32% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	15.459 mg/kg	0.00155 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.4 mg/kg	8.868	2.412 mg/kg	0.000241 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				4.9 mg/kg	5.719	19.056 mg/kg	0.00191 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.3 mg/kg	1.855	0.378 mg/kg	0.0000378 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				13 mg/kg	1.462	12.92 mg/kg	0.00129 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	37.405 mg/kg	0.00374 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	26 mg/kg	1.56	27.578 mg/kg	0.00177 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				4.2 mg/kg	5.358	15.303 mg/kg	0.00153 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				20 mg/kg	1.785	24.279 mg/kg	0.00243 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				89 mg/kg	2.774	167.891 mg/kg	0.0168 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7 pH		7 pH	7pH		
			PH							
23	naphthalene				0.14 mg/kg		0.0952 mg/kg	0.00000952 %	✓	
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				0.21 mg/kg		0.143 mg/kg	0.0000143 %	✓	
		201-469-6	83-32-9							
26	fluorene				0.11 mg/kg		0.0748 mg/kg	0.00000748 %	✓	
		201-695-5	86-73-7							
27	phenanthrene				0.2 mg/kg		0.136 mg/kg	0.0000136 %	✓	
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.17 mg/kg		0.116 mg/kg	0.0000116 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.16 mg/kg		0.109 mg/kg	0.0000109 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.09 mg/kg		0.0612 mg/kg	0.00000612 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.11 mg/kg		0.0748 mg/kg	0.00000748 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.05 mg/kg		0.034 mg/kg	0.0000034 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.06 mg/kg		0.0408 mg/kg	0.00000408 %	✓	
		205-883-8	191-24-2							
Total:								0.0314 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH D--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH D--10122025-0.10	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)
0.10 m	
Moisture content:	
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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	17.278 mg/kg	0.00173 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.58 mg/kg	8.868	3.909 mg/kg	0.000391 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.3 mg/kg	5.719	1.304 mg/kg	0.00013 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				16 mg/kg	1.462	17.773 mg/kg	0.00178 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				13 mg/kg	3.929	38.819 mg/kg	0.00388 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	25 mg/kg	1.56	29.636 mg/kg	0.0019 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6.1 mg/kg	5.358	24.841 mg/kg	0.00248 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	33.919 mg/kg	0.00339 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				67 mg/kg	2.774	141.26 mg/kg	0.0141 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				13 mg/kg		9.88 mg/kg	0.000988 %	✓	
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				6.2 pH		6.2 pH	6.2 pH		
			PH							
23	naphthalene				0.08 mg/kg		0.0608 mg/kg	0.0000608 %	✓	
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				0.23 mg/kg		0.175 mg/kg	0.0000175 %	✓	
		201-469-6	83-32-9							
26	fluorene				0.14 mg/kg		0.106 mg/kg	0.0000106 %	✓	
		201-695-5	86-73-7							
27	phenanthrene				3.2 mg/kg		2.432 mg/kg	0.000243 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.68 mg/kg		0.517 mg/kg	0.0000517 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				2.8 mg/kg		2.128 mg/kg	0.000213 %	✓	
		205-912-4	206-44-0							
30	pyrene				2.4 mg/kg		1.824 mg/kg	0.000182 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.91 mg/kg		0.692 mg/kg	0.0000692 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.91 mg/kg		0.692 mg/kg	0.0000692 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.99 mg/kg		0.752 mg/kg	0.0000752 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.48 mg/kg		0.365 mg/kg	0.0000365 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				0.83 mg/kg		0.631 mg/kg	0.0000631 %	✓	
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.51 mg/kg		0.388 mg/kg	0.0000388 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				0.1 mg/kg		0.076 mg/kg	0.0000076 %	✓	
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.55 mg/kg		0.418 mg/kg	0.0000418 %	✓	
		205-883-8	191-24-2							
Total:								0.0319 %		

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
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 for cumulative determinand results below the concentration of: 12500 mg/kg (1.25%)
because: no liquid phase - too low concentration to be flammable

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00098%)

Classification of sample: BH E--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH E--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				15 mg/kg	1.895	23.303 mg/kg	0.00233 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.55 mg/kg	8.868	3.999 mg/kg	0.0004 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.4 mg/kg	5.719	1.876 mg/kg	0.000188 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.304 mg/kg	0.0000304 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				15 mg/kg	1.462	17.977 mg/kg	0.0018 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				12 mg/kg	3.929	38.662 mg/kg	0.00387 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	33 mg/kg	1.56	42.209 mg/kg	0.00271 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6.1 mg/kg	5.358	26.802 mg/kg	0.00268 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	36.596 mg/kg	0.00366 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				71 mg/kg	2.774	161.511 mg/kg	0.0162 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				58 mg/kg		47.56 mg/kg	0.00476 %	✓	
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7.6 pH		7.6 pH	7.6 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				0.06 mg/kg		0.0492 mg/kg	0.00000492 %	✓	
		205-917-1	208-96-8							
25	acenaphthene				0.16 mg/kg		0.131 mg/kg	0.0000131 %	✓	
		201-469-6	83-32-9							
26	fluorene				0.07 mg/kg		0.0574 mg/kg	0.00000574 %	✓	
		201-695-5	86-73-7							
27	phenanthrene				2.9 mg/kg		2.378 mg/kg	0.000238 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.62 mg/kg		0.508 mg/kg	0.0000508 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				3.9 mg/kg		3.198 mg/kg	0.00032 %	✓	
		205-912-4	206-44-0							
30	pyrene				3.6 mg/kg		2.952 mg/kg	0.000295 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				1.7 mg/kg		1.394 mg/kg	0.000139 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				1.7 mg/kg		1.394 mg/kg	0.000139 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				2.6 mg/kg		2.132 mg/kg	0.000213 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.95 mg/kg		0.779 mg/kg	0.0000779 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				2 mg/kg		1.64 mg/kg	0.000164 %	✓	
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				1.2 mg/kg		0.984 mg/kg	0.0000984 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				0.23 mg/kg		0.189 mg/kg	0.0000189 %	✓	
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				1.5 mg/kg		1.23 mg/kg	0.000123 %	✓	
		205-883-8	191-24-2							
Total:								0.0405 %		

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
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 for cumulative determinand results below the concentration of: 12500 mg/kg (1.25%)
because: no liquid phase - too low concentration to be flammable

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00476%)

Classification of sample: BH F--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH F--10122025-0.10	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)
0.10 m	
Moisture content:	
19%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				8.5 mg/kg	1.895	13.044 mg/kg	0.0013 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.47 mg/kg	8.868	3.376 mg/kg	0.000338 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.3 mg/kg	5.719	1.39 mg/kg	0.000139 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.4 mg/kg	1.855	0.601 mg/kg	0.0000601 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				14 mg/kg	1.462	16.574 mg/kg	0.00166 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	44.555 mg/kg	0.00446 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	24 mg/kg	1.56	30.323 mg/kg	0.00194 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6.6 mg/kg	5.358	28.646 mg/kg	0.00286 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				20 mg/kg	1.785	28.92 mg/kg	0.00289 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				50 mg/kg	2.774	112.353 mg/kg	0.0112 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7.8 pH		7.8 pH	7.8 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.07 mg/kg		0.0567 mg/kg	0.00000567 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.07 mg/kg		0.0567 mg/kg	0.00000567 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.05 mg/kg		0.0405 mg/kg	0.00000405 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.06 mg/kg		0.0486 mg/kg	0.00000486 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0269 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH G--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH G--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				9.1 mg/kg	1.895	13.447 mg/kg	0.00134 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.43 mg/kg	8.868	2.974 mg/kg	0.000297 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.6 mg/kg	5.719	2.677 mg/kg	0.000268 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				15 mg/kg	1.462	17.1 mg/kg	0.00171 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	45.97 mg/kg	0.0046 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	21 mg/kg	1.56	25.55 mg/kg	0.00164 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6 mg/kg	5.358	25.077 mg/kg	0.00251 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				21 mg/kg	1.785	29.241 mg/kg	0.00292 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				68 mg/kg	2.774	147.141 mg/kg	0.0147 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#		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														
15	●	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD							
				TPH														
16	●	confirm TPH has NOT arisen from diesel or petrol				☒												
17		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		603-181-00-X	216-653-1	1634-04-4														
18		benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-020-00-8	200-753-7	71-43-2														
19		toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-021-00-3	203-625-9	108-88-3														
20	●	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-023-00-4	202-849-4	100-41-4														
21		xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]														
22	●	pH											7 pH		7 pH	7pH		
				PH														
23		naphthalene											<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3														
24	●	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-917-1	208-96-8														
25	●	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-469-6	83-32-9														
26	●	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-695-5	86-73-7														
27	●	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-581-5	85-01-8														
28	●	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			204-371-1	120-12-7														
29	●	fluoranthene				0.06 mg/kg		0.0468 mg/kg	0.00000468 %	✓								
			205-912-4	206-44-0														
30	●	pyrene				0.07 mg/kg		0.0546 mg/kg	0.00000546 %	✓								
			204-927-3	129-00-0														
31		benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-033-00-9	200-280-6	56-55-3														
32		chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-048-00-0	205-923-4	218-01-9														
33		benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-034-00-4	205-911-9	205-99-2														
34		benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-036-00-5	205-916-6	207-08-9														
35		benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-032-00-3	200-028-5	50-32-8														
36	●	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-893-2	193-39-5														
37		dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-041-00-2	200-181-8	53-70-3														
38	●	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-883-8	191-24-2														
Total:									0.03 %									

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH H--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH H--10122025-0.10	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)
0.10 m	
Moisture content:	
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	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				8.2 mg/kg	1.895	12.428 mg/kg		0.00124 %	✓	
	033-005-00-1										
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.52 mg/kg	8.868	3.689 mg/kg		0.000369 %	✓	
	004-002-00-2										
4	boron { boric acid; [1] boric acid; [2] }				0.6 mg/kg	5.719	2.745 mg/kg		0.000275 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg		<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	chromium in Cr(III) compounds { chromium(III) oxide }				15 mg/kg	1.462	17.539 mg/kg		0.00175 %	✓	
		215-160-9	1308-38-9								
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg		<0.000272 %		<LOD
	024-017-00-8										
8	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	47.149 mg/kg		0.00471 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	30 mg/kg	1.56	37.436 mg/kg		0.0024 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg		<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dibromate }				7.8 mg/kg	5.358	33.436 mg/kg		0.00334 %	✓	
	028-053-00-5	238-596-1	14550-87-9								
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg		<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	27.135 mg/kg		0.00271 %	✓	
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { zinc chromate }				57 mg/kg	2.774	126.501 mg/kg		0.0127 %	✓	
	024-007-00-3	236-878-9	13530-65-9								

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7.7 pH		7.7 pH	7.7 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				0.31 mg/kg		0.248 mg/kg	0.0000248 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.08 mg/kg		0.064 mg/kg	0.0000064 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				0.52 mg/kg		0.416 mg/kg	0.0000416 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.41 mg/kg		0.328 mg/kg	0.0000328 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.33 mg/kg		0.264 mg/kg	0.0000264 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.33 mg/kg		0.264 mg/kg	0.0000264 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.41 mg/kg		0.328 mg/kg	0.0000328 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.18 mg/kg		0.144 mg/kg	0.0000144 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				0.3 mg/kg		0.24 mg/kg	0.000024 %	✓	
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.17 mg/kg		0.136 mg/kg	0.0000136 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				0.06 mg/kg		0.048 mg/kg	0.0000048 %	✓	
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.19 mg/kg		0.152 mg/kg	0.0000152 %	✓	
		205-883-8	191-24-2							
Total:								0.0297 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH I--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH I--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 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

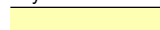
Determinands

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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				8.3 mg/kg	1.895	13.051 mg/kg	0.00131 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.55 mg/kg	8.868	4.048 mg/kg	0.000405 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				1 mg/kg	5.719	4.747 mg/kg	0.000475 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.3 mg/kg	1.855	0.462 mg/kg	0.0000462 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				16 mg/kg	1.462	19.409 mg/kg	0.00194 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				24 mg/kg	3.929	78.267 mg/kg	0.00783 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	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							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				8.3 mg/kg	5.358	36.913 mg/kg	0.00369 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				23 mg/kg	1.785	34.079 mg/kg	0.00341 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				64 mg/kg	2.774	147.363 mg/kg	0.0147 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7.5 pH		7.5 pH	7.5 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				0.07 mg/kg		0.0581 mg/kg	0.00000581 %	✓	
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.21 mg/kg		0.174 mg/kg	0.0000174 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.21 mg/kg		0.174 mg/kg	0.0000174 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.15 mg/kg		0.125 mg/kg	0.0000124 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.16 mg/kg		0.133 mg/kg	0.0000133 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.21 mg/kg		0.174 mg/kg	0.0000174 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.08 mg/kg		0.0664 mg/kg	0.00000664 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.11 mg/kg		0.0913 mg/kg	0.00000913 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.11 mg/kg		0.0913 mg/kg	0.00000913 %	✓	
		205-883-8	191-24-2							
Total:								0.0364 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH J--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH J--10122025-0.10	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)
0.10 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	17.96 mg/kg	0.0018 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.71 mg/kg	8.868	4.974 mg/kg	0.000497 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.8 mg/kg	5.719	3.615 mg/kg	0.000361 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				18 mg/kg	1.462	20.783 mg/kg	0.00208 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	46.559 mg/kg	0.00466 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	33 mg/kg	1.56	40.664 mg/kg	0.00261 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				8.5 mg/kg	5.358	35.981 mg/kg	0.0036 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				27 mg/kg	1.785	38.078 mg/kg	0.00381 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				68 mg/kg	2.774	149.027 mg/kg	0.0149 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				6.6 pH		6.6 pH	6.6 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				0.06 mg/kg		0.0474 mg/kg	0.00000474 %	✓	
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				0.41 mg/kg		0.324 mg/kg	0.0000324 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.09 mg/kg		0.0711 mg/kg	0.00000711 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				0.65 mg/kg		0.514 mg/kg	0.0000514 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.63 mg/kg		0.498 mg/kg	0.0000498 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.32 mg/kg		0.253 mg/kg	0.0000253 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.36 mg/kg		0.284 mg/kg	0.0000284 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.47 mg/kg		0.371 mg/kg	0.0000371 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.17 mg/kg		0.134 mg/kg	0.0000134 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				0.37 mg/kg		0.292 mg/kg	0.0000292 %	✓	
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.25 mg/kg		0.198 mg/kg	0.0000198 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.28 mg/kg		0.221 mg/kg	0.0000221 %	✓	
		205-883-8	191-24-2							
Total:								0.0346 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH K--10122025-0.10

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

Sample details

Sample name:	LoW Code:
BH K--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10 mg/kg	1.895	14.967 mg/kg	0.0015 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.6 mg/kg	8.868	4.203 mg/kg	0.00042 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.6 mg/kg	5.719	2.711 mg/kg	0.000271 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.4 mg/kg	1.855	0.586 mg/kg	0.0000586 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				14 mg/kg	1.462	16.165 mg/kg	0.00162 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				25 mg/kg	3.929	77.599 mg/kg	0.00776 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	69 mg/kg	1.56	85.026 mg/kg	0.00545 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				7.2 mg/kg	5.358	30.478 mg/kg	0.00305 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				22 mg/kg	1.785	31.027 mg/kg	0.0031 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				130 mg/kg	2.774	284.905 mg/kg	0.0285 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				6.7 pH		6.7 pH	6.7 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				0.14 mg/kg		0.111 mg/kg	0.0000111 %	✓	
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.58 mg/kg		0.458 mg/kg	0.0000458 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.62 mg/kg		0.49 mg/kg	0.000049 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.37 mg/kg		0.292 mg/kg	0.0000292 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				0.42 mg/kg		0.332 mg/kg	0.0000332 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				0.65 mg/kg		0.514 mg/kg	0.0000514 %	✓	
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				0.23 mg/kg		0.182 mg/kg	0.0000182 %	✓	
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				0.5 mg/kg		0.395 mg/kg	0.0000395 %	✓	
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				0.29 mg/kg		0.229 mg/kg	0.0000229 %	✓	
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				0.08 mg/kg		0.0632 mg/kg	0.00000632 %	✓	
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				0.34 mg/kg		0.269 mg/kg	0.0000269 %	✓	
		205-883-8	191-24-2							
Total:								0.052 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP1--10122025-0.10

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

Sample details

Sample name:	LoW Code:
TP1--10122025-0.10	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)
0.10 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				21 mg/kg	1.895	31.43 mg/kg	0.00314 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.54 mg/kg	8.868	3.783 mg/kg	0.000378 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.7 mg/kg	5.719	3.163 mg/kg	0.000316 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				20 mg/kg	1.462	23.093 mg/kg	0.00231 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				9.3 mg/kg	3.929	28.867 mg/kg	0.00289 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	18 mg/kg	1.56	22.181 mg/kg	0.00142 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6.8 mg/kg	5.358	28.785 mg/kg	0.00288 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	42.309 mg/kg	0.00423 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				32 mg/kg	2.774	70.13 mg/kg	0.00701 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				7.2 pH		7.2 pH	7.2 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				0.07 mg/kg		0.0553 mg/kg	0.00000553 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.07 mg/kg		0.0553 mg/kg	0.00000553 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0246 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP2--10122025-0.10

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

Sample details

Sample name:	LoW Code:
TP2--10122025-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% 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	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				13 mg/kg	1.895	20.196 mg/kg	0.00202 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.55 mg/kg	8.868	3.999 mg/kg	0.0004 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				0.7 mg/kg	5.719	3.283 mg/kg	0.000328 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide }				17 mg/kg	1.462	20.374 mg/kg	0.00204 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				9 mg/kg	3.929	28.996 mg/kg	0.0029 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	22 mg/kg	1.56	28.139 mg/kg	0.0018 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				6.4 mg/kg	5.358	28.12 mg/kg	0.00281 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	36.596 mg/kg	0.00366 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				43 mg/kg	2.774	97.816 mg/kg	0.00978 %	✓	
	024-007-00-3	236-878-9	13530-65-9							

#		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														
15	●	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD							
				TPH														
16	●	confirm TPH has NOT arisen from diesel or petrol				☒												
17		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		603-181-00-X	216-653-1	1634-04-4														
18		benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-020-00-8	200-753-7	71-43-2														
19		toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-021-00-3	203-625-9	108-88-3														
20	●	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD							
		601-023-00-4	202-849-4	100-41-4														
21		xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]														
22	●	pH											7.5 pH		7.5 pH	7.5 pH		
				PH														
23		naphthalene											<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3														
24	●	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-917-1	208-96-8														
25	●	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-469-6	83-32-9														
26	●	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-695-5	86-73-7														
27	●	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			201-581-5	85-01-8														
28	●	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			204-371-1	120-12-7														
29	●	fluoranthene				0.06 mg/kg		0.0492 mg/kg	0.00000492 %	☒								
			205-912-4	206-44-0														
30	●	pyrene				0.06 mg/kg		0.0492 mg/kg	0.00000492 %	☒								
			204-927-3	129-00-0														
31		benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-033-00-9	200-280-6	56-55-3														
32		chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-048-00-0	205-923-4	218-01-9														
33		benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-034-00-4	205-911-9	205-99-2														
34		benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-036-00-5	205-916-6	207-08-9														
35		benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-032-00-3	200-028-5	50-32-8														
36	●	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-893-2	193-39-5														
37		dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
		601-041-00-2	200-181-8	53-70-3														
38	●	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD							
			205-883-8	191-24-2														
Total:									0.0258 %									

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP6--10122025-0.50

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

Sample details

Sample name:	LoW Code:
TP6--10122025-0.50	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)
0.50 m	
Moisture content:	
15%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% 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	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				13 mg/kg	1.895	20.934	mg/kg	0.00209 %	✓	
	033-005-00-1										
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				1 mg/kg	8.868	7.538	mg/kg	0.000754 %	✓	
	004-002-00-2										
4	boron { boric acid; [1] boric acid; [2] }				0.5 mg/kg	5.719	2.431	mg/kg	0.000243 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371	mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	chromium in Cr(III) compounds { chromium(III) oxide }				24 mg/kg	1.462	29.816	mg/kg	0.00298 %	✓	
		215-160-9	1308-38-9								
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8										
8	copper { copper sulphate pentahydrate }				12 mg/kg	3.929	40.076	mg/kg	0.00401 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	9.3 mg/kg	1.56	12.33	mg/kg	0.000791 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dibromate }				13 mg/kg	5.358	59.209	mg/kg	0.00592 %	✓	
	028-053-00-5	238-596-1	14550-87-9								
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				34 mg/kg	1.785	51.592	mg/kg	0.00516 %	✓	
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { zinc chromate }				34 mg/kg	2.774	80.173	mg/kg	0.00802 %	✓	
	024-007-00-3	236-878-9	13530-65-9								

#	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							
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	confirm TPH has NOT arisen from diesel or petrol				☒					
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
18	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
19	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
20	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
21	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<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]							
22	pH				10.8 pH		10.8 pH	10.8 pH		
			PH							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.03 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

• **asbestos fibres detected (Yes/No)** (CAS Number: ACM_FIBRES)

Description/Comments: not classified, information only

Data source: N/A

Data source date: 15 Jan 2020

Hazard Statements: None.

• **chromium(III) oxide** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from ECHA's C&L inventory database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 30 Apr 2020

Hazard Statements: Acute Tox. 4; H302, Skin Sens. 1; H317, Eye Irrit. 2; H319

• **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

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

• **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

• **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

• **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for arsenic acid H₃AsO₄. (edit as required)

beryllium {beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for beryllium chloride. (edit as required)

boron {boric acid; [1] boric acid; [2]}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming water is or has been present. (edit as required)

cadmium {cadmium sulfate}

Worst case CLP species based on hazard statements/molecular weight. (edit as required)

chromium in Cr(III) compounds {chromium(III) oxide}

no industrial process or historical past uses

chromium in Cr(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 {copper sulphate pentahydrate}

Worst case CLP species based on hazard statements/molecular weight. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming no evidence for the use of explosives. (edit as required)

nickel {nickel dibromate}

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)

vanadium {divanadium pentaoxide; vanadium pentoxide}

worst case

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2025.345.6921.12504 (11 Dec 2025)

HazWasteOnline Database: 2025.345.6921.12504 (11 Dec 2025)

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

GB MCL List v2.0 - version 2.0 of 20th October 2023

GB MCL List v3.0 - version 3.0 of 11th January 2024

GB MCL List v4.0 - version 4.0 of 2nd March 2024

GB MCL List v5.0 - version 5.0 of 26th June 2024

GB MCL List v6.0 - version 6.0 of 15th February 2025

GB MCL List v7.0 - version 7.0 of 23rd September 2025