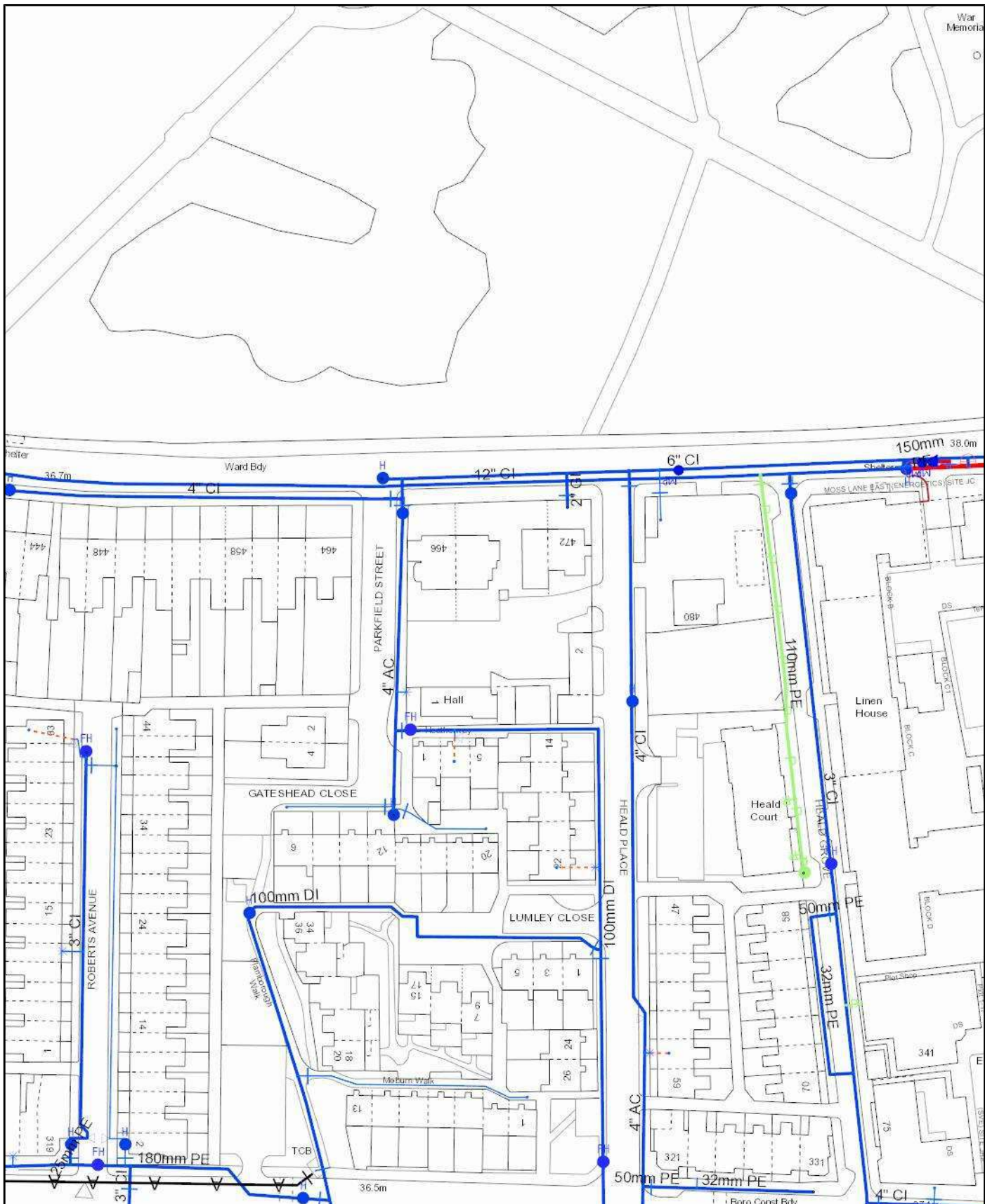




Scale: 1:1250
Date: 10/01/2022

WATER MAINS RECORDS

Address or Site Reference: 466-468 MOSS LANE EAST, MANCHESTER, M14 4PJ

Printed by: Property Searches



The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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SEWER RECORDS



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Woodburn Utilities Ltd

PO Box 9222
Wishaw,
Lanarkshire,
ML2 2AX

FAO:

How to contact us:

**United Utilities Water Limited
Property Searches
Haweswater House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP**

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

**Your Ref: Moss Lane East
Our Ref: UUPS-ORD-551440
Date: 27/02/2024**

Dear Sirs

Location: Moss Lane East

I acknowledge with thanks your request dated 23/02/2024 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

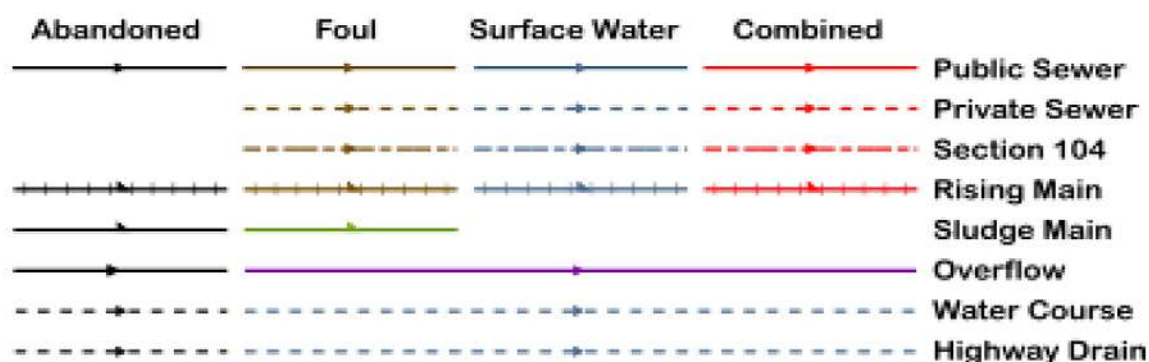
TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Wastewater Symbolology



All point assets follow the standard colour convention: **red** – combined **brown** - foul
blue – surface water **purple** - overflow

Manhole	Side Entry Manhole
Head of System	Outfall
Extent of Survey	Screen Chamber
Rodding Eye	Inspection Chamber
Inlet	Bifurcation Chamber
Discharge Point	Lamp Hole
Vortex	T Junction / Saddle
Penstock	Catchpit
Washout Chamber	Valve Chamber
Valve	Vent Column
Air Valve	Vortex Chamber
Non Return Valve	Penstock Chamber
Soakaway	Network Storage Tank
Gully	Sewer Overflow
Cascade	Ww Treatment Works
Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	

SEWER RECORDS

Address or Site Reference

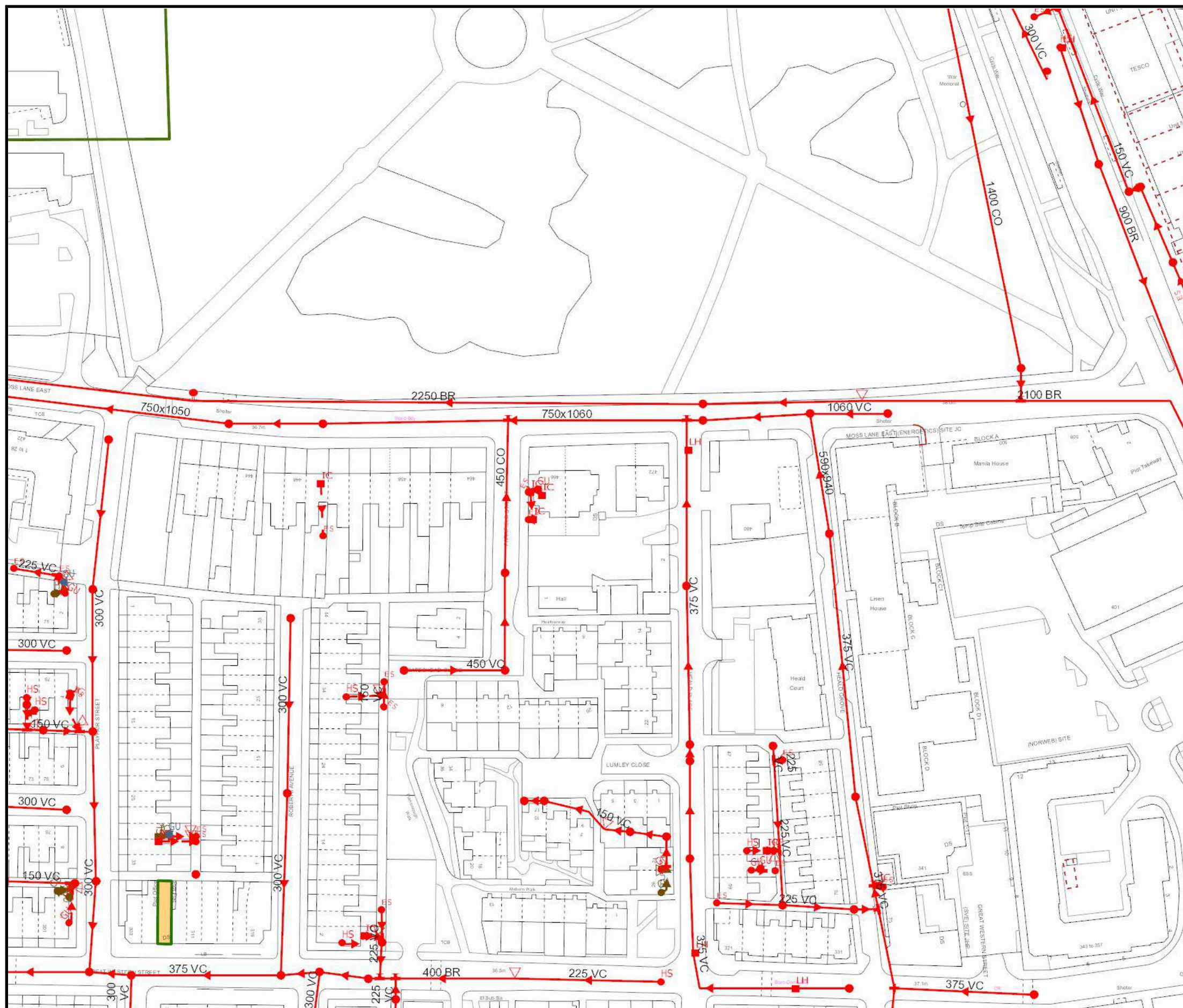
Moss Lane East,

Scale: 1:1250
Date: 27/02/2024

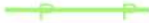
Printed by: Property Searches

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Clean Water Symbolology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water
			Air Valve
			AC Valve, open
			AC Valve, closed
			CC Valve, open
			CC Valve, closed
			Non Return Valve
			Pressure Management Valve
			OMS Valve
			Stop Tap
			Flow Meter
			Domestic Meter
			Commercial Meter
			Pump
			Hydrant
			Fire Hydrant
			Anode
			Chlorination Point
			De-chlorination Point
			Strainer Point
			Access Point
			Hatch Box
			IP Point
			Sampling Station
			Logger Box
			Bore Hole
			Inlet Point
			Bulk Supply Point
			End Cap
			Site Termination
			Change of Characteristic
			Condition Report
			<u>Property Types</u>
			Water Tower
			Valve House
			Booster Pumping Station
			Intake Pumping Station
			Water Treatment Works
			Supply Reservoir
			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

Symbology for proposed assets is the same as above, but shown in **green**
Symbology for abandoned assets is the same as above, but shown in **black**



WATER MAIN RECORDS

Address or Site Reference

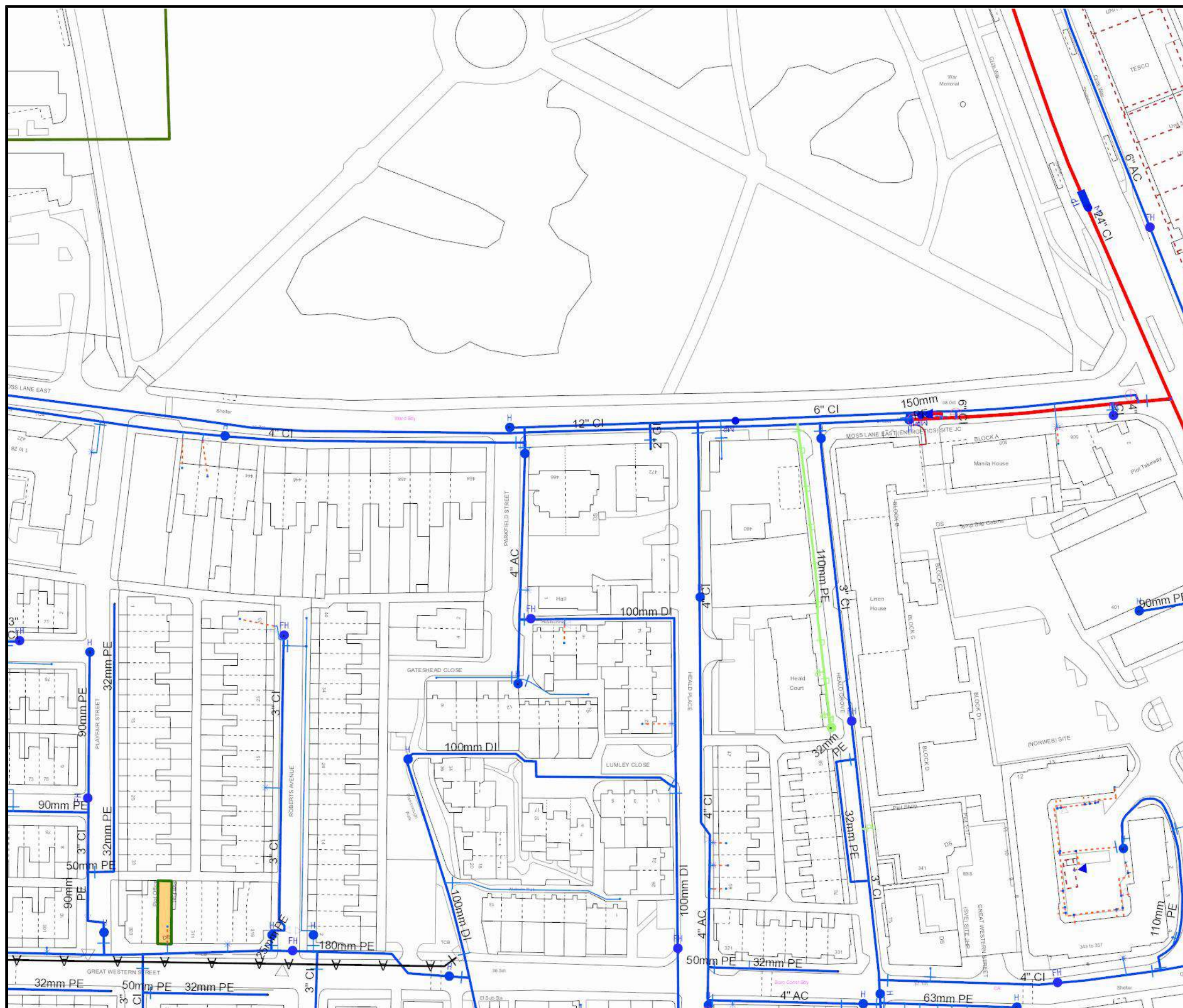
Moss Lane East,

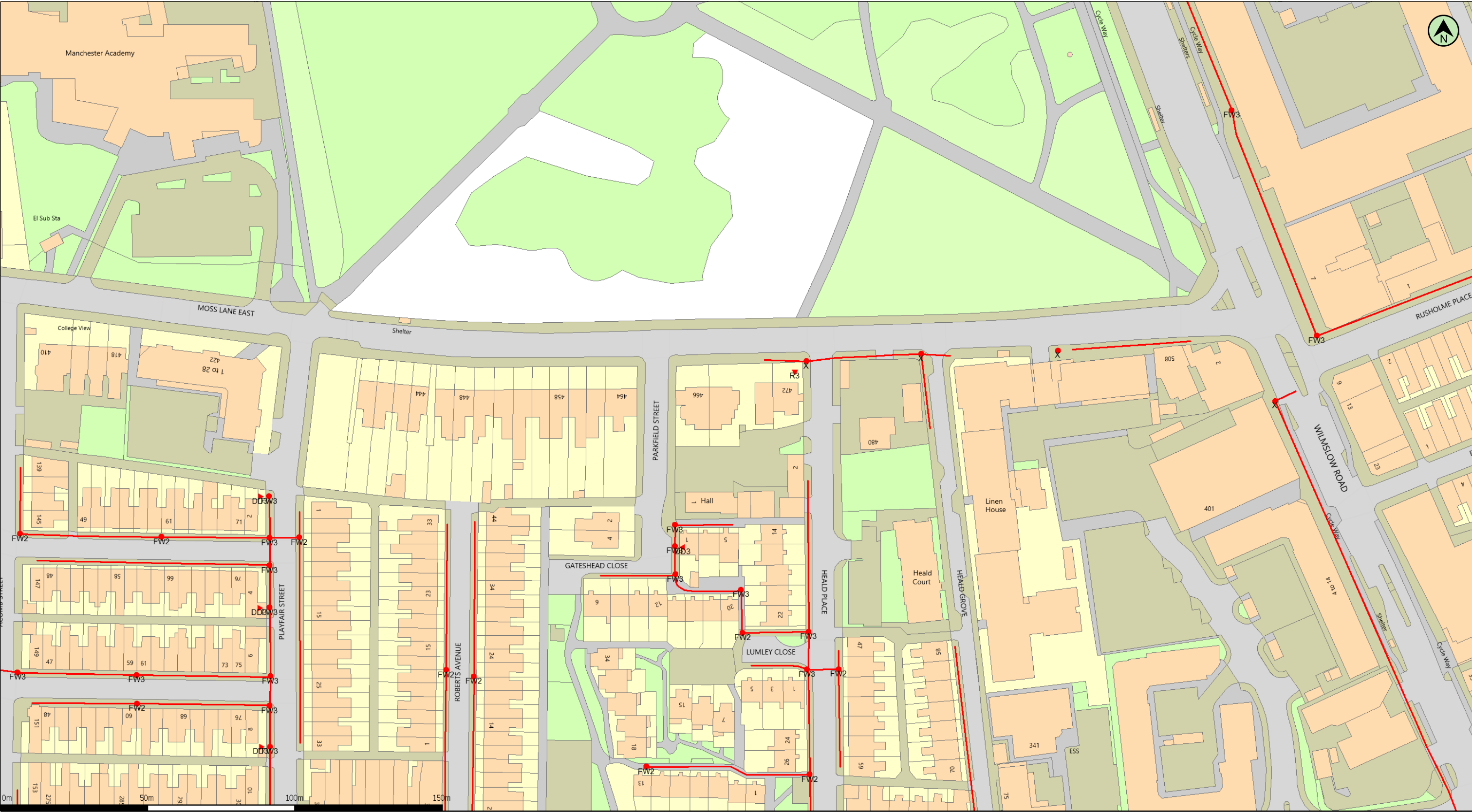
Scale: 1:1250
Date: 27/02/2024

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Important Information - please read The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the "Affected Postcodes.pdf", which can be downloaded from this website. Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan. This plan is produced by Virgin Media Limited (c) Crown copyright and database rights 2024 Ordnance Survey 100019209.

Duct, Trench	Chamber / Pole	Cabinet

lmcDougall@woodburnutilities.co.uk
Moss Lane East



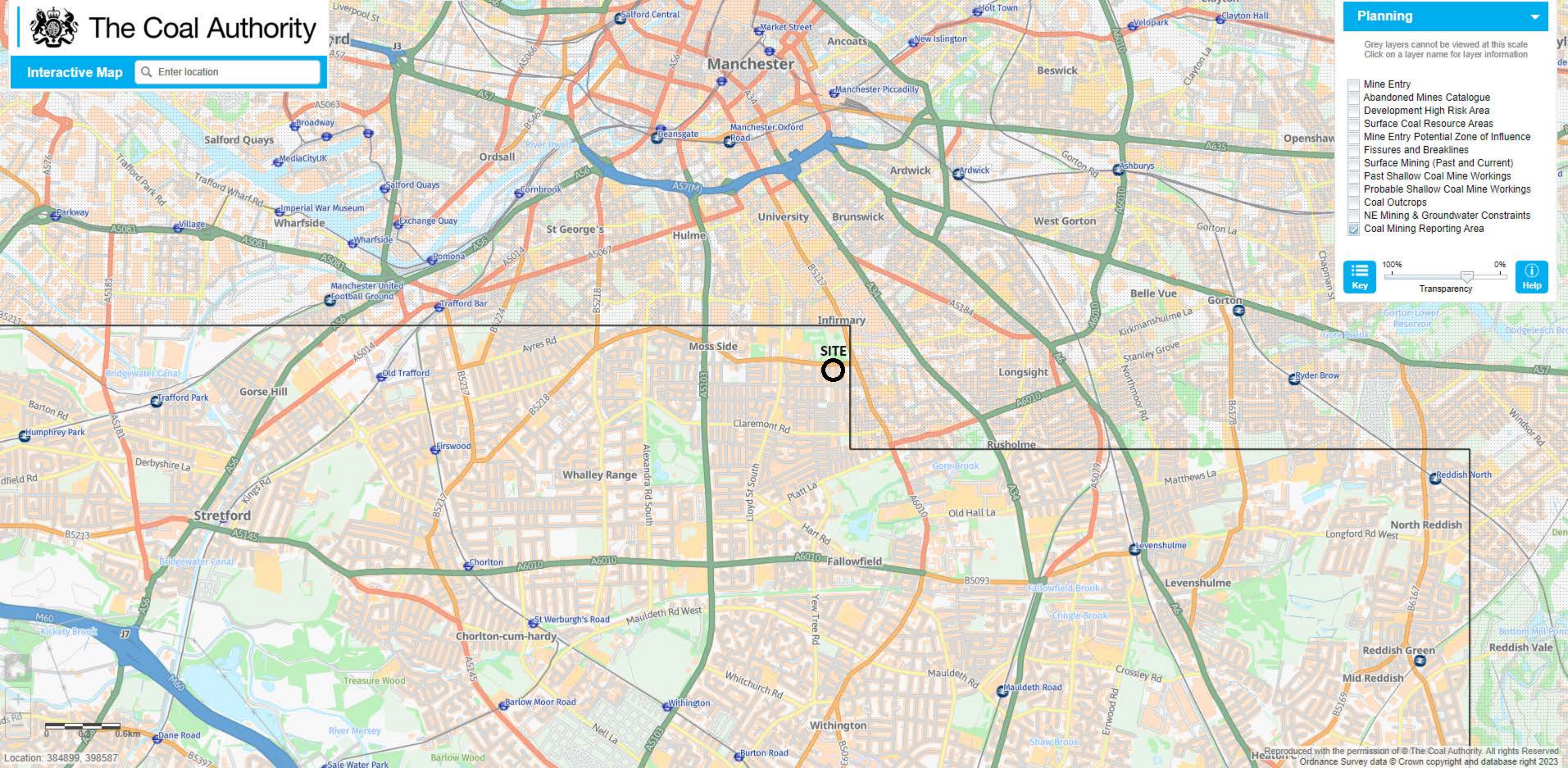
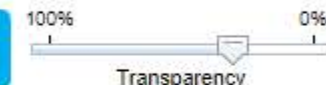
Appendix 05

Mining Information (The Coal Authority Interactive Viewer) (BGS Non-Coal Mining Plans)



Grey layers cannot be viewed at this scale
Click on a layer name for layer information

- Mine Entry
- Abandoned Mines Catalogue
- Development High Risk Area
- Surface Coal Resource Areas
- Mine Entry Potential Zone of Influence
- Fissures and Breaklines
- Surface Mining (Past and Current)
- Past Shallow Coal Mine Workings
- Probable Shallow Coal Mine Workings
- Coal Outcrops
- NE Mining & Groundwater Constraints
- ☒ Coal Mining Reporting Area





British Geological Survey

GeoIndex Onshore

Enter location



Data

- ☒ Counties (metropolitan areas)
- ☒ Counties (including ceremonial)
- ☒ Mine plan extents

Add Data Show Legend

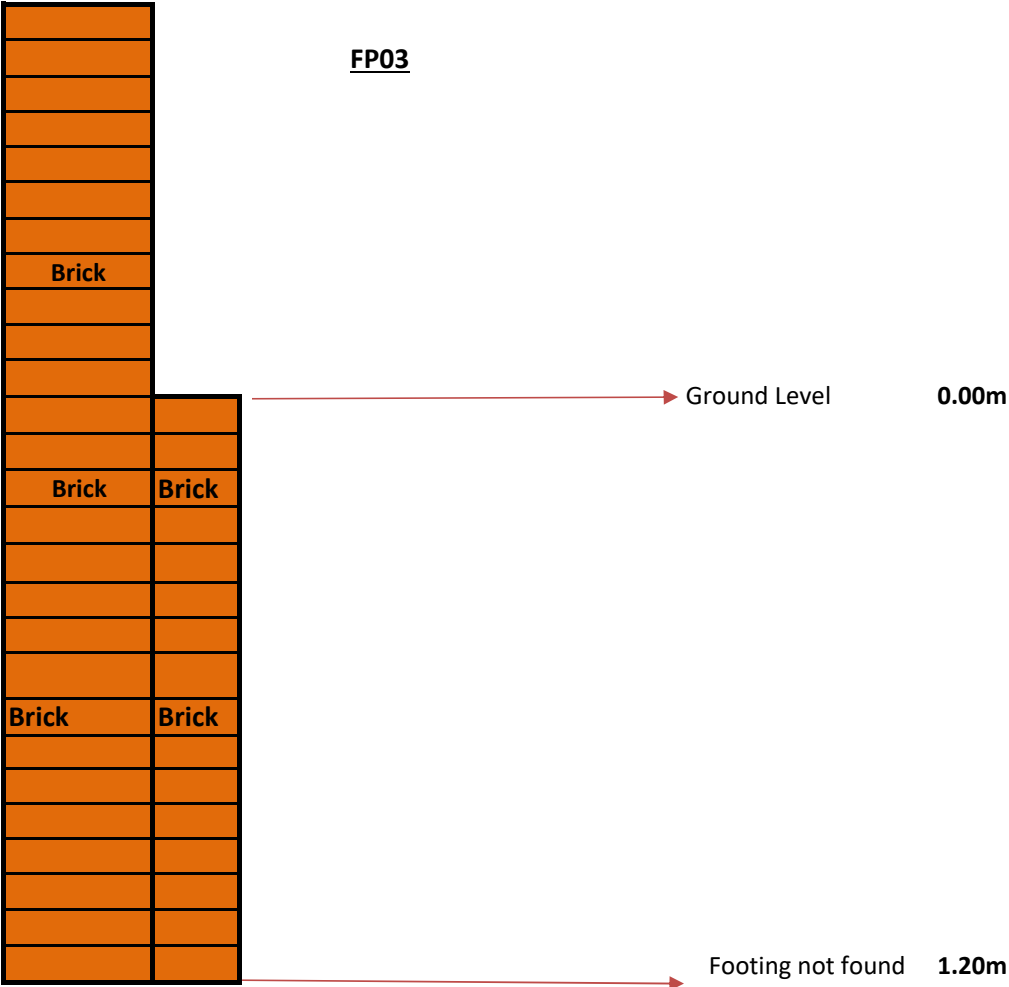
Location: 386588, 398844

Appendix 06

Records of Hand Pit Logs (GD Drilling Ltd, February 2024)

FOUNDATION HAND PIT

FP03



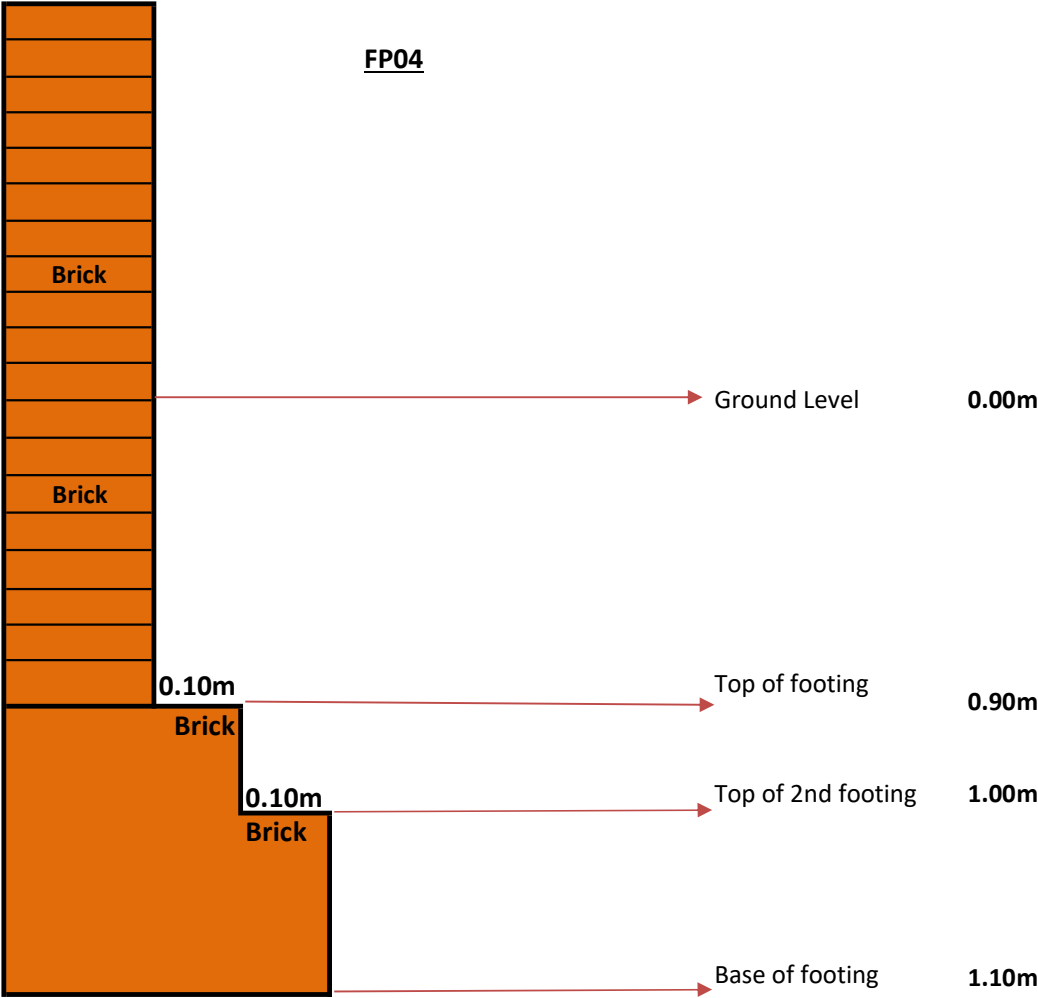
Strata Description:

- 0.00m - MADE GROUND: Grass over brown sandy
- 0.10m gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies.
- 0.10m - MADE GROUND: Soft brown sandy gravelly
- 0.55m clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.
- 0.55m - MADE GROUND: Firm brown and grey
- 1.20m mottled orange slightly silty clay (reworked) with rare gravel.

Moss Lane East

FOUNDATION HAND PIT

FP04



Strata Description:

- 0.00m - MADE GROUND: Vegetation over dark brown clayey gravelly topsoil with occasional roots and rootlets. Gravel is subangular to subrounded fine to coarse of various lithologies.
- 0.20m - MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.
- 1.10m

Moss Lane East

FP05

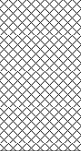
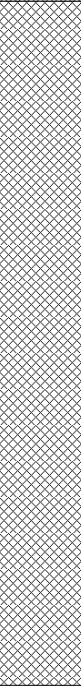


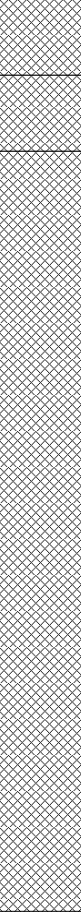
0.10m - MADE GROUND: Light grey very gravelly
0.20m fine to coarse sand. Gravel is subangular and angular fine to coarse of various lithologies including sandstone and brick. Traces of ash and rare plastic noted.

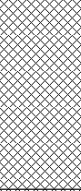
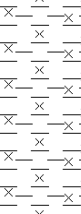
0.20m - MADE GROUND: Soft brown sandy gravelly
1.20m clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.

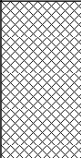
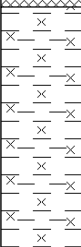
Moss Lane East

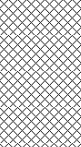
 Drilling Ltd				Trial Pit Log				TrialPit No FP3 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384855.9 N: 395657.9 Level: 37.30		Date 26/02/2024	
Location: Manchester				Client: Mason Evans Partnership		Dimensions (m): 0.60		Scale 1:10	
		Depth (m): 1.20				Plant Used Hand Tools			
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	37.20		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies.					
	0.40	ES		MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.					
	0.55	36.75		MADE GROUND: Firm brown and grey mottled orange slightly silty clay (reworked) with rare gravel.					
	0.80	ES							
	1.20	36.10		End of Pit at 1.20m					
Remarks: Foundation pit dug to a depth of 1.20m to expose existing foundation. No groundwater encountered. Foundation pit backfilled with arisings on completion.							Logged By:	Checked By:	 Drilling Ltd DRAFT
Stability: Stable							GD		

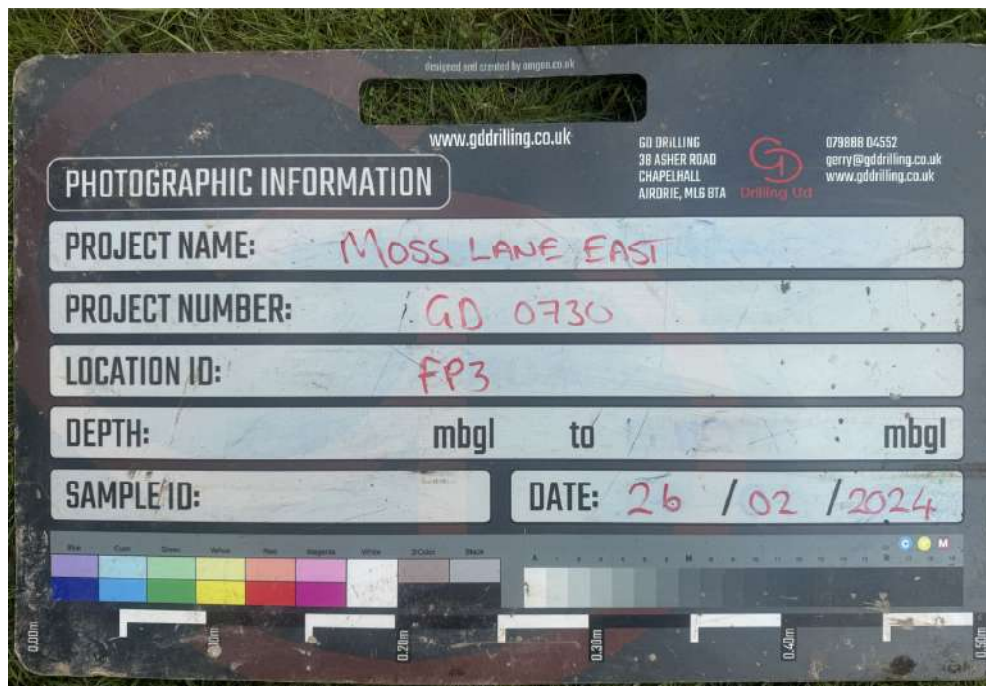
 Drilling Ltd				Trial Pit Log				TrialPit No FP4 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384877.5 N: 395648.7 Level: 37.45		Date 27/02/2024	
Location: Manchester						Dimensions (m): 0.60		Scale 1:10	
Client: Mason Evans Partnership						Depth (m): 1.10		Plant Used Hand Tools	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.20	37.25		MADE GROUND: Vegetation over dark brown clayey gravelly topsoil with occasional roots and rootlets. Gravel is subangular to subrounded fine to coarse of various lithologies.		
				1.10	36.35		MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.		
End of Pit at 1.10m									
Remarks: Foundation pit dug to a depth of 1.20m to expose existing foundation. No groundwater encountered. Foundation pit backfilled with arisings on completion.								Logged By:	Checked By:
Stability: Stable								GD	
 Drilling Ltd DRAFT									

 Drilling Ltd				Trial Pit Log				TrialPit No FP5 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384850.2 N: 395636.5 Level: 37.14		Date 26/02/2024	
Location: Manchester				Client: Mason Evans Partnership		Dimensions (m): 0.60		Scale 1:10	
		Depth (m): 1.20				Plant Used Hand Tools			
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.50	ES		0.10	37.03		MADE GROUND: Tarmacadam.		
				0.20	36.94		MADE GROUND: Light grey very gravelly fine to coarse sand. Gravel is subangular and angular fine to coarse of various lithologies including sandstone and brick. Traces of ash and rare plastic noted.		
							MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.		
	1.00	ES							
				1.20	35.94		End of Pit at 1.20m		
Remarks: Foundation pit dug to a depth of 1.20m to expose existing foundation. No groundwater encountered. Foundation pit backfilled with arisings on completion.							Logged By:	Checked By:	 Drilling Ltd DRAFT
Stability: Stable							GD		

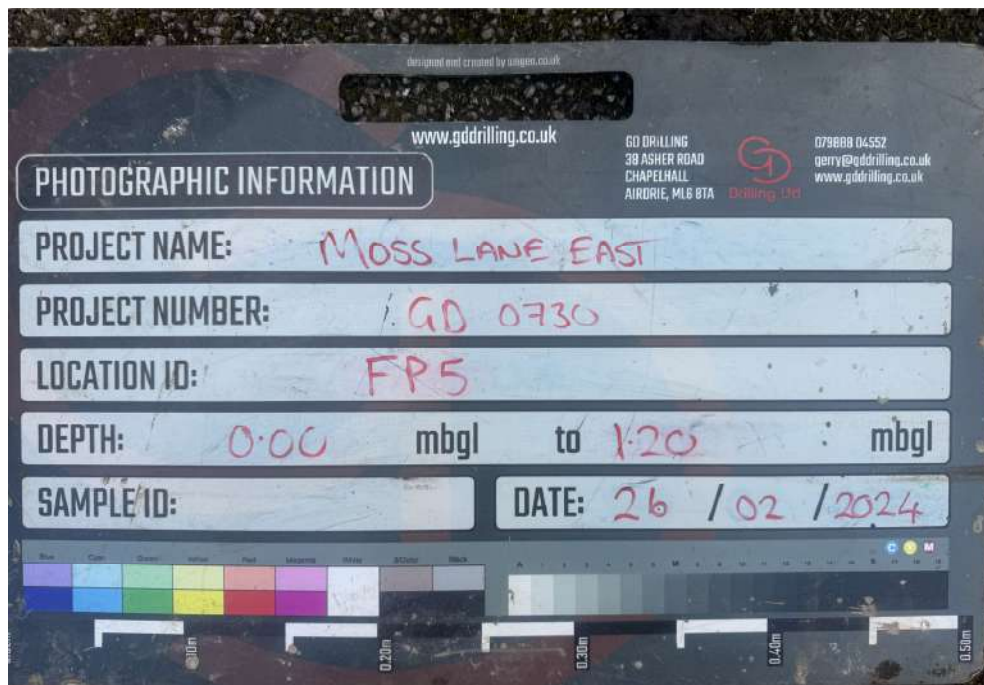
 Drilling Ltd				Trial Pit Log				TrialPit No HP01 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384854.1 N: 395654.0 Level: 37.32		Date 26/02/2024	
Location: Manchester						Dimensions (m): 0.60		Scale 1:10	
Client: Mason Evans Partnership						Depth (m): 1.20		Plant Used Hand Tools	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES		0.25	37.07		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies including burnt shale.		
	0.50	ES					MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is subangular fine to coarse of various lithologies including brick, concrete and burnt shale. Traces of ash noted.		
	1.00	ES		0.90	36.42		Firm brown and grey mottled orange slightly silty CLAY with rare gravel.		
							End of Pit at 1.20m		
					1.20	36.12			
Remarks: Hand pit dug to a depth of 1.20m to retrieve samples to laboratory analysis. No groundwater encountered. Hand pit backfilled with arisings on completion.							Logged By:	Checked By:	 Drilling Ltd DRAFT
Stability: Stable							GD		

				Trial Pit Log				TrialPit No HP02 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384845.1 N: 395654.4 Level: 37.18		Date 26/02/2024	
Location: Manchester				Client: Mason Evans Partnership		Dimensions (m): 0.60		Scale 1:10	
		Depth (m): 1.20				Plant Used Hand Tools			
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.22	36.96		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies.		
							MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.		
	0.50	ES					Firm brown and grey mottled orange slightly silty CLAY with rare gravel.		
	1.00	ES		0.88	36.30				
				1.20	35.98		End of Pit at 1.20m		
Remarks: Hand pit dug to a depth of 1.20m to retrieve samples to laboratory analysis. No groundwater encountered. Hand pit backfilled with arisings on completion.								Logged By:	Checked By:
Stability: Stable								GD	
								 DRAFT	

 Drilling Ltd				Trial Pit Log				Trial Pit No HP03 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384844.7 N: 395676.7 Level: 37.36		Date 27/02/2024	
Location: Manchester						Dimensions (m): 0.60		Scale 1:10	
Client: Mason Evans Partnership						Depth (m): 1.00		Plant Used Hand Tools	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.20	37.16		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies including burnt shale.		
	0.50	ES					MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.		
		1.00	ES		1.00	36.36		End of Pit at 1.00m	
Remarks: Hand pit dug to a depth of 1.00m to retrieve samples to laboratory analysis. No groundwater encountered. Hand pit backfilled with arisings on completion.								Logged By:	Checked By:
Stability: Stable								GD	
								 Drilling Ltd DRAFT	



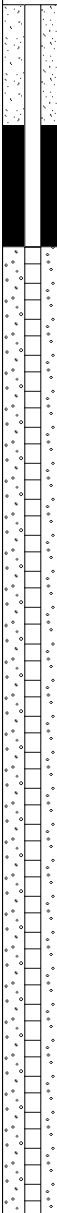
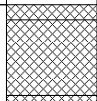
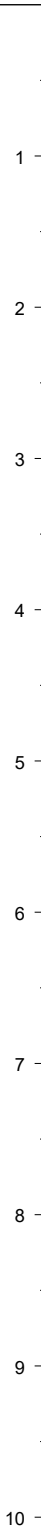
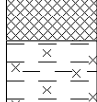
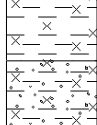
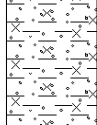
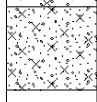




Appendix 07

Records of Soil Borehole Logs (GD Drilling Ltd, February 2024)

				Borehole Log				Borehole No. BH01 Sheet 1 of 1	
Project Name: Moss Lane East				Project No. GD 0730		Co-ords: E: 384868.5 N: 395646.2		Hole Type CP	
Location: Manchester				Level: 37.50		Scale 1:51			
Client: Mason Evans Partnership				Dates: 26/02/2024		Rig Type DANDO 2000			

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.20	ES		0.10	37.40		MADE GROUND: Tarmacadam.			
	0.50	B		0.60	36.90			MADE GROUND: Greyish brown sandy fine to coarse gravel of various lithologies including crushed aggregate, brick and burnt shale. Sand is fine to coarse.			
	0.50	ES		0.90	36.60					MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted. Slight organic odour noted. Firm brown and grey mottled orange slightly silty CLAY with rare gravel.	
	1.00	B		1.70	35.80		Stiff becoming very stiff greyish brown slightly silty slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of various lithologies.				
	1.00	ES									
	1.20 - 1.65	D	N=14 (2,3/3,4,3,4)								
	1.20	SPT									
			1.40	B							
			1.50	ES							
			1.70 - 2.15	D	N=15 (3,3/4,3,4,4)						
			1.70	SPT							
			2.00	B							
			2.70 - 3.15	U100	Ublow=48						
			3.00	B							
			3.70 - 4.15	D	N=22 (4,4/5,5,6,6)						
			3.70	SPT							
			4.00	B							
			4.70 - 5.15	U100	Ublow=60						
			5.00	B							
			6.20 - 6.65	D	N=36 (5,7/8,8,9,11)						
		6.20	SPT								
		6.50	B								
		7.50 - 7.80	U100 (NR)	Ublow=87							
		7.60	B								
		8.40 - 8.65	D	50 (9,16/50 for 100mm)	8.10	29.40		Very dense brown slightly silty very gravelly fine to coarse SAND. Gravel is subangular and subrounded fine to coarse of various lithologies.			
		8.40	SPT		8.65	28.85		No further progress, possible bedrock or boulder obstruction. End of Borehole at 8.65m			

Remarks: Inspection pit dug to a depth of 1.20m. Borehole progressed with cable percussion techniques to a depth of 8.65m and terminated on possible bedrock or boulder obstruction. No groundwater encountered. Borehole fitted with a wellpoint on completion.		Logged By: KP	Checked By:	 DRAFT
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Borehole Log

Borehole No.

BH02

Sheet 1 of 1

Project Name:	Moss Lane East	Project No.	GD 0730	Co-ords:	E: 384847.8 N: 395645.7	Hole Type	CP
Location:	Manchester	Level:	37.18	Scale	1:51	Rig Type	DANDO 2000
Client:	Mason Evans Partnership	Dates:	28/02/2024				

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES		0.10	37.08		MADE GROUND: Tarmacadam.	1
		0.50	B		0.40	36.78		MADE GROUND: Greyish brown sandy fine to coarse gravel of various lithologies including crushed aggregate, brick and burnt shale. Sand is fine to coarse.	
		0.50	ES						
		1.00	B		0.90	36.28		MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.	2
		1.00	ES					Firm brown and grey mottled orange slightly silty CLAY with rare gravel.	
		1.20 - 1.65	U100	Ublow=33					
		1.80	B		1.70	35.48		Stiff becoming very stiff greyish brown slightly silty slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of various lithologies.	3
		2.00	ES						
		2.00 - 2.45	D						
		2.00	SPT	N=16 (3,4/3,4,4,5)					4
		2.80	B						
		3.00 - 3.45	U100	Ublow=60					
		3.80	B						5
		4.00 - 4.45	D						
		4.00	SPT	N=24 (4,4/5,5,7,7)					
		4.80	B						6
		5.00 - 5.45	U100	Ublow=60					
		6.30	B						7
		6.50 - 6.95	D						
		6.50	SPT	N=37 (6,7/7,9,10,11)					
		7.80	B						8
		8.30 - 8.50	B		8.20	28.98		Very dense brown slightly silty very gravelly fine to coarse SAND. Gravel is subangular and subrounded fine to coarse of various lithologies.	
		8.50 - 8.70	D						
		8.50	SPT	50 (25 for 100mm/50 for 100mm)	8.70	28.48		No further progress, possible bedrock or boulder obstruction. End of Borehole at 8.70m	9
									10

Remarks: Inspection pit dug to a depth of 1.20m. Borehole progressed with cable percussion techniques to a depth of 8.70m and terminated on possible bedrock or boulder obstruction. No groundwater encountered. Borehole fitted with a wellpoint on completion.	Logged By:	Checked By:	 DRAFT
	KP		



Borehole Log

Borehole No.

BH03

Sheet 1 of 1

Project Name:	Moss Lane East	Project No.	GD 0730	Co-ords:	E: 384863.6 N: 395661.1	Hole Type	WS
Location:	Manchester	Level:	37.53	Scale	1:25	Rig Type	Competitor Dart
Client:	Mason Evans Partnership	Dates:	26/02/2024				

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	37.33		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies including burnt shale.	
		0.50 0.50	B ES		0.60	36.92		MADE GROUND: Dark brown slightly clayey gravelly fine to medium sand. Gravel is subangular fine to coarse of various lithologies including brick, concrete and burnt shale. Traces of ash noted.	
		1.00 1.00	B ES		0.95	36.58		MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.	
		1.20 - 1.65 1.20 - 2.00 1.20	D U87 SPT	Ublow=51 N=10 (1,2/2,3,2,3)				Firm becoming firm to stiff brown and grey mottled orange slightly silty CLAY with occasional coal fragments and rare gravel.	1
		2.00 - 2.45 2.00 - 3.00 2.00	D U77 SPT	Ublow=151 N=15 (2,3/3,4,3,5)					2
		3.00 - 3.45 3.00 - 4.00 3.00	D U67 SPT	Ublow=195 N=26 (3,5/5,6,7,8)	2.50	35.02		Stiff greyish brown slightly silty slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of various lithologies.	3
		4.00 - 4.45 4.00	D SPT	N=24 (3,4/5,6,6,7)					4
		4.45 - 4.90 4.45 4.50	D SPT B	N=28 (4,5/6,7,8,7)					
					5.00	32.52		End of Borehole at 5.00m	5

Remarks: Inspection pit dug to a depth of 1.20m. Borehole progressed with windowless sampling techniques to a depth of 5.00m and terminated on Engineer's Instruction. Water strike at 1.00m and remaining at this level after 20mins. Borehole fitted with a wellpoint on completion.	Logged By:	Checked By:	 Drilling Ltd DRAFT
	GD		



Borehole Log

Borehole No.

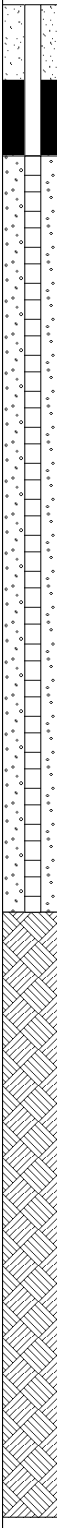
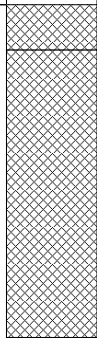
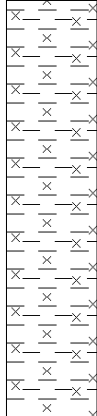
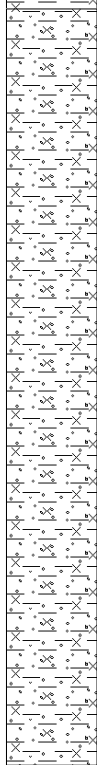
BH04

Sheet 1 of 1

Project Name:	Moss Lane East	Project No.	GD 0730	Co-ords:	E: 384852.7 N: 395677.3	Hole Type	WS
Location:	Manchester	Level:	37.24	Scale	1:25	Rig Type	Competitor Dart
Client:	Mason Evans Partnership	Dates:	27/02/2024				

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	37.04		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies including burnt shale.	1
		0.50 0.50	B ES					MADE GROUND: Soft reddish brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash and rare plastic noted.	
		1.00 1.00	B ES		1.20	36.04		Firm brown and grey mottled orange slightly silty CLAY with occasional coal fragments and rare gravel.	2
		1.20 - 1.65 1.20 - 2.00 1.20	D U87 SPT	Ublow=57 N=9 (1,2/2,2,2,3)					
		2.00 2.00 - 2.45 2.00 - 3.00 2.00	ES D U77 SPT	Ublow=196 N=17 (1,3/4,4,4,5)	2.00	35.24		Stiff becoming very stiff greyish brown slightly silty slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of various lithologies.	3
		3.00 - 3.45 3.00 - 4.00 3.00	D U67 SPT	Ublow=249 N=24 (2,3/5,5,6,8)					
		4.00 - 4.45 4.00 - 4.50 4.00	D B SPT	N=47 (7,7/8,12,13,14)					4
					4.50	32.74			
								End of Borehole at 4.50m	5

Remarks: Inspection pit dug to a depth of 1.20m. Borehole progressed with windowless sampling techniques to a depth of 4.50m and terminated on Engineer's Instruction. Seepage at 1.00m. Borehole fitted with a wellpoint on completion.	Logged By:	Checked By:	 DRAFT
	GD		

					Borehole Log			Borehole No. BH05 Sheet 1 of 1	
Project Name: Moss Lane East					Project No. GD 0730		Co-ords: E: 384880.4 N: 395678.0		Hole Type WS
Location: Manchester					Level: 37.63		Scale 1:25		
Client: Mason Evans Partnership					Dates: 27/02/2024		Rig Type Competitor Dart		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES	N=9 (2,1/2,2,3,2)	0.15	37.48		MADE GROUND: Grass over brown sandy gravelly topsoil with rare rootlets. Gravel is angular to subangular fine to coarse of various lithologies including burnt shale. MADE GROUND: Soft brown sandy gravelly clay (reworked). Gravel is subangular fine to coarse of various lithologies including brick and burnt shale. Traces of ash noted.	1
	0.50 0.50	B ES							
	1.00 1.00	B ES							
	1.20 - 1.65 1.20	NR SPT							
		1.80	B	Ublow=51 N=10 (1,2/2,2,3,3)	1.10	36.53		Firm brown and grey mottled orange slightly silty CLAY with occasional coal fragments and rare gravel.	2
	2.00 2.00 - 2.45 2.00 - 3.00 2.00	ES D U87 SPT							
		3.00 - 3.45 3.00 - 4.00 3.00	D U77 SPT	Ublow=259 N=23 (4,4/4,5,6,8)	2.50	35.13		Stiff becoming very stiff greyish brown slightly silty slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of various lithologies.	3
	4.00 - 4.45 4.00 - 5.00 4.00	D U67 SPT	Ublow=204 N=37 (4,6/6,9,10,12)				End of Borehole at 5.00m	4	
				5.00	32.63			5	
Remarks: Inspection pit dug to a depth of 1.20m. Borehole progressed with windowless sampling techniques to a depth of 5.00m and terminated on Engineer's Instruction. No groundwater encountered. Borehole fitted with a wellpoint on completion.							Logged By: GD	Checked By:	 DRAFT

Appendix 08

Records of Rotary Borehole Logs (GD Drilling Ltd, March 2024)



Rotary Core Log

Project Name: Moss Lane East		Client: Mason Evans		Date: 25/03/2024	
Location: Manchester		Contractor: Teasdale Drilling Services		Co-ords: E384842.00 N395645.00	
Project No. : 52		Crew Name: TT/TT		Drilling Equipment: Fraste SLG	
Borehole Number R01	Hole Type RC	Level 37.20m AoD	Logged By TT	Scale 1:50	Page Number Sheet 1 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
								0.20	37.00		Driller description: TARMAC	1
											Driller description: MADE GROUND	
								0.80	36.40		Driller description: CLAY	2
								1.90	35.30		Driller description: BOULDER CLAY	
9.80	27.40		Driller description: Fine to medium SAND &	10								

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)
15.00	152	15.00	152									0.00	14.20	Airmist	BROWN	100	100
18.00	100											14.20	15.00	Airmist	RED	100	100
												15.00	18.00	Water	RED	100	100

Remarks																	
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Rotary Core Log

Project Name: Moss Lane East		Client: Mason Evans		Date: 25/03/2024	
Location: Manchester		Contractor: Teasdale Drilling Services		Co-ords: E384842.00 N395645.00	
Project No. : 52		Crew Name: TT/TT		Drilling Equipment: Fraste SLG	
Borehole Number R01	Hole Type RC	Level 37.20m AoD	Logged By TT	Scale 1:50	Page Number Sheet 2 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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								12.10	25.10		Driller description: Fine to medium SAND & GRAVEL						11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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													15.00 - 16.50						14.20	23.00		Driller description: Soft heavily weathered bright red SANDSTONE						16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Rotary Core Log

Project Name: Moss Lane East			Client: Mason Evans			Date: 26/03/2024		
Location: Manchester			Contractor: Teasdale Drilling Services			Co-ords: E384876.00 N395660.00		
Project No. : 52			Crew Name: TT/TT			Drilling Equipment: Fraste SLG		
Borehole Number R02		Hole Type RC		Level 37.50m AoD		Logged By TT		Page Number Sheet 1 of 2

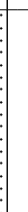
Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description						
				TCR	SCR	RQD											
								0.20	37.30		Driller description: TARMAC MADE GROUND		1				
								1.40	36.10		Driller description: BOULDER CLAY		2				
													3				
													4				
													5				
													6				
													7				
													8				
													9				
								9.30	28.20		Driller description: Fine to medium SAND & GRAVEL		10				
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)
13.50	152	13.50	152									0.00	13.20	Airmist	BROWN	100	100
18.00	100											13.20	16.50	Airmist	RED	100	100
												16.50	18.00	Water	RED	100	100

Remarks																	
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Rotary Core Log

Project Name: Moss Lane East		Client: Mason Evans		Date: 26/03/2024	
Location: Manchester		Contractor: Teasdale Drilling Services		Co-ords: E384876.00 N395660.00	
Project No. : 52		Crew Name: TT/TT		Drilling Equipment: Fraste SLG	
Borehole Number R02	Hole Type RC	Level 37.50m AoD	Logged By TT	Scale 1:50	Page Number Sheet 2 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description						
				TCR	SCR	RQD											
								11.80	25.70		Driller description: Fine to medium SAND & GRAVEL	11					
											Driller description: BOULDER CLAY	12					
											Driller description: Soft heavily weathered red SANDSTONE	13					
		13.50 - 15.00		0								14					
		15.00 - 16.50		0								15					
		16.50 - 18.00		0								16					
												17					
												18					
												19					
												20					
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)
13.50	152	13.50	152									0.00	13.20	Airmist	BROWN	100	100
18.00	100											13.20	16.50	Airmist	RED	100	100
												16.50	18.00	Water	RED	100	100

Remarks																	
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Appendix 09

Chemical Analysis Results – Soil and Water (DETS Ltd, March 2024) (Refs: 24-04445, 24-05723 and 24-05949)



Certificate of Analysis

Certificate Number 24-04445

Issued: 15-Mar-24

Client Mason Evans Partnership
1st Floor
100 Brand Street
Glasgow
G51 1DG

Our Reference 24-04445

Client Reference ~ P23/482

Order No ~ Scott Armstrong

Contract Title ~ (P23/482) Moss Lane East, Manchester

Description 13 Soil samples, 11 Leachate prepared by DETS samples.

Date Received 01-Mar-24

Date Started 01-Mar-24

Date Completed 15-Mar-24

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood
General Manager



Normec DETS Limited

Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY

Tel: 01207 582333 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis

UKWIR Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306797	2306798	2306799	2306800	2306801	2306802	2306803
Sample ID ~	FP03	FP05	HP02	BH01	BH01	BH02	BH02
Depth ~	0.40	0.50-1.00	0.50	0.50	1.50	0.20	0.50
Other ID ~							
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	27/02/2024	27/02/2024	26/02/2024	26/02/2024	26/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Conductivity	DETSC 2009	1	uS/cm					2800		
pH	DETSC 2008#		pH	7.6	7.7	8.0	11.1	7.7	7.8	7.1
Redox Potential	DETSC 2016*	-500	mV					170		
Mineral Oil(C11-C20)	DETSC 3311	10	mg/kg					< 10		
Mineral Oil(C20-C40)	DETSC 3311	10	mg/kg					< 10		
Total VOCs	DETSC 3431*	0.01	mg/kg					< 0.01		
BTEX + MTBE	DETSC 3431	0.01	mg/kg					< 0.01		
Total SVOCs	DETSC 3433*	0.1	mg/kg					< 0.1		
Phenol	DETSC 3433	0.1	mg/kg					< 0.1		
Cresols and Chlorinated Phenols	DETSC 3433*	0.1	mg/kg					< 0.1		
TICs (Ethers,Ketones,Aldehydes,Amines,Nitrobenzene)			mg/kg					None		

Summary of Chemical Analysis

UKWIR Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306804	2306805	2306806	2306807	2306808	2306809
Sample ID ~	BH03	BH03	BH04	BH04	BH05	BH05
Depth ~	0.50	1.00	0.10	1.00	0.50	2.00
Other ID ~						
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	26/02/2024	26/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Conductivity	DETSC 2009	1	uS/cm						
pH	DETSC 2008#		pH	8.1	8.0	7.7	7.4	7.9	6.3
Redox Potential	DETSC 2016*	-500	mV						
Mineral Oil(C11-C20)	DETSC 3311	10	mg/kg						
Mineral Oil(C20-C40)	DETSC 3311	10	mg/kg						
Total VOCs	DETSC 3431*	0.01	mg/kg						
BTEX + MTBE	DETSC 3431	0.01	mg/kg						
Total SVOCs	DETSC 3433*	0.1	mg/kg						
Phenol	DETSC 3433	0.1	mg/kg						
Cresols and Chlorinated Phenols	DETSC 3433*	0.1	mg/kg						
TICs (Ethers,Ketones,Aldehydes,Amines,Nitrobenzene)			mg/kg						

Summary of Chemical Analysis

Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306797	2306798	2306799	2306800	2306801	2306802	2306803
Sample ID ~	FP03	FP05	HP02	BH01	BH01	BH02	BH02
Depth ~	0.40	0.50-1.00	0.50	0.50	1.50	0.20	0.50
Other ID ~							
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	27/02/2024	27/02/2024	26/02/2024	26/02/2024	26/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Asbestos Quantification	DETSC 1102	0.001	%		< 0.001		0.002			
Preparation										
Moisture Content	DETSC 1004	0.1	%	19	18	19	9.6	20	11	22
Metals										
Arsenic	DETSC 2301#	0.2	mg/kg	19	11	14	7.0	7.1	5.1	9.1
Boron, Water Soluble (2.5:1)	DETSC 2311#	0.2	mg/kg	0.6	< 0.2	0.5	0.3	0.3	0.4	0.9
Cadmium	DETSC 2301#	0.1	mg/kg	0.2	0.7	0.2	0.6	< 0.1	0.5	0.1
Chromium	DETSC 2301#	0.15	mg/kg	23	20	19	20	22	8.3	19
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	68	36	46	43	12	21	40
Lead	DETSC 2301#	0.3	mg/kg	490	98	1200	360	320	360	80
Mercury	DETSC 2325#	0.05	mg/kg	0.63	0.11	0.30	0.12	< 0.05	0.24	0.24
Nickel	DETSC 2301#	1	mg/kg	27	22	19	18	14	10	18
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	88	180	98	120	47	62	60
Inorganics										
Conductivity	DETSC 2009	1	uS/cm					2800		
pH	DETSC 2008#		pH	7.6	7.7	8.0	11.1	7.7	7.8	7.1
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.2	0.3	0.2	0.2	0.1	0.3	0.3
Total Organic Carbon	DETSC 2084#	0.5	%	7.9	2.0	4.9	3.4	0.8	4.2	3.1
Organic Matter (by calculation)	*	0.1	%	14	3.5	8.4	5.8	1.3	7.2	5.3
Redox Potential	DETSC 2016*	-500	mV					170		
Sulphide	DETSC 2024*	10	mg/kg	56	20	48	24	48	20	48
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.07	0.03	0.05	0.15	0.03	0.12	0.05
Petroleum Hydrocarbons										
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >EC10-EC12	DETSC 3521#	1.5	mg/kg	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50
Aliphatic >EC12-EC16	DETSC 3521#	1.2	mg/kg	< 1.20	< 1.20	1.61	1.36	1.54	< 1.20	< 1.20
Aliphatic >EC16-EC21	DETSC 3521#	1.5	mg/kg	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50
Aliphatic >EC21-EC35	DETSC 3521#	3.4	mg/kg	< 3.40	< 3.40	< 3.40	< 3.40	< 3.40	< 3.40	< 3.40
Aliphatic C5-C35	DETSC 3521*	10	mg/kg	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >EC10-EC12	DETSC 3521#	0.9	mg/kg	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90
Aromatic >EC12-EC16	DETSC 3521#	0.5	mg/kg	0.93	< 0.50	0.90	1.75	0.83	2.39	0.78
Aromatic >EC16-EC21	DETSC 3521#	0.6	mg/kg	3.48	2.30	7.23	21.25	2.05	21.97	2.02
Aromatic >EC21-EC35	DETSC 3521#	1.4	mg/kg	2.34	11.05	2.34	28.85	< 1.40	251.7	< 1.40
Aromatic C5-C35	DETSC 3521*	10	mg/kg	< 10.00	13.35	10.47	51.85	< 10.00	276.1	< 10.00

Key: ~ Sample details provided by client and can affect the validity of the results: * -not accredited.

: # -MCERTS (accreditation only applies if report carries the MCERTS logo): n/s -not supplied.

Summary of Chemical Analysis

Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306797	2306798	2306799	2306800	2306801	2306802	2306803
Sample ID ~	FP03	FP05	HP02	BH01	BH01	BH02	BH02
Depth ~	0.40	0.50-1.00	0.50	0.50	1.50	0.20	0.50
Other ID ~							
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	27/02/2024	27/02/2024	26/02/2024	26/02/2024	26/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
TPH Ali/Aro Total C5-C35	DETSC 3521*	10	mg/kg	< 10.00	13.35	10.47	51.85	< 10.00	276.1	< 10.00
EPH (C11-C20)	DETSC 3311	10	mg/kg					< 10		
EPH (C20-C40)	DETSC 3311	10	mg/kg					< 10		
PAHs										
Naphthalene	DETSC 3301	0.1	mg/kg	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	0.8	0.4	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	0.7	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	4.7	3.0	0.3	1.5	< 0.1	0.2	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	0.7	0.8	< 0.1	0.6	< 0.1	0.2	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	4.3	2.8	0.6	7.8	< 0.1	2.6	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	4.3	2.6	0.6	7.9	< 0.1	3.3	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	1.9	1.6	0.4	5.0	< 0.1	1.4	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	2.1	1.1	0.4	5.0	< 0.1	1.4	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	1.1	0.5	0.3	3.4	< 0.1	1.5	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.7	0.4	0.1	2.4	< 0.1	1.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	1.9	1.0	0.5	5.4	< 0.1	1.6	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	0.9	0.5	< 0.1	2.9	< 0.1	0.8	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	1.1	0.3	< 0.1	3.0	< 0.1	0.9	< 0.1
PAH 16 Total	DETSC 3301	1.6	mg/kg	26	16	3.1	< 41.6	< 1.6	< 14.2	< 1.6
Phenols										
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Summary of Chemical Analysis

Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306804	2306805	2306806	2306807	2306808	2306809
Sample ID ~	BH03	BH03	BH04	BH04	BH05	BH05
Depth ~	0.50	1.00	0.10	1.00	0.50	2.00
Other ID ~						
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	26/02/2024	26/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Asbestos Quantification	DETSC 1102	0.001	%				0.006		
Preparation									
Moisture Content	DETSC 1004	0.1	%	16	14	22	21	19	22
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	18	8.7	23	10	21	7.6
Boron, Water Soluble (2.5:1)	DETSC 2311#	0.2	mg/kg	0.3	0.3	< 0.2	0.6	0.5	0.5
Cadmium	DETSC 2301#	0.1	mg/kg	0.3	0.2	1.1	0.2	0.4	< 0.1
Chromium	DETSC 2301#	0.15	mg/kg	17	28	20	24	17	29
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	54	28	110	40	77	19
Lead	DETSC 2301#	0.3	mg/kg	380	18	490	130	270	22
Mercury	DETSC 2325#	0.05	mg/kg	0.33	< 0.05	0.63	0.19	0.65	< 0.05
Nickel	DETSC 2301#	1	mg/kg	22	33	23	27	28	24
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	150	66	190	82	110	63
Inorganics									
Conductivity	DETSC 2009	1	uS/cm						
pH	DETSC 2008#		pH	8.1	8.0	7.7	7.4	7.9	6.3
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.3	< 0.1	0.5	0.3	0.3	0.2
Total Organic Carbon	DETSC 2084#	0.5	%	4.6	0.8	9.3	3.0	8.1	1.8
Organic Matter (by calculation)	*	0.1	%	8.0	1.3	16	5.2	14	3.1
Redox Potential	DETSC 2016*	-500	mV						
Sulphide	DETSC 2024*	10	mg/kg	12	24	36	28	76	28
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.09	0.03	0.07	0.06	0.07	0.06
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >EC10-EC12	DETSC 3521#	1.5	mg/kg	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50
Aliphatic >EC12-EC16	DETSC 3521#	1.2	mg/kg	< 1.20	< 1.20	< 1.20	< 1.20	< 1.20	< 1.20
Aliphatic >EC16-EC21	DETSC 3521#	1.5	mg/kg	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50	< 1.50
Aliphatic >EC21-EC35	DETSC 3521#	3.4	mg/kg	< 3.40	< 3.40	< 3.40	< 3.40	< 3.40	< 3.40
Aliphatic C5-C35	DETSC 3521*	10	mg/kg	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >EC10-EC12	DETSC 3521#	0.9	mg/kg	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90
Aromatic >EC12-EC16	DETSC 3521#	0.5	mg/kg	1.05	< 0.50	2.38	< 0.50	1.22	< 0.50
Aromatic >EC16-EC21	DETSC 3521#	0.6	mg/kg	7.14	1.09	18.16	1.94	9.34	0.93
Aromatic >EC21-EC35	DETSC 3521#	1.4	mg/kg	6.20	4.28	21.47	< 1.40	9.07	< 1.40
Aromatic C5-C35	DETSC 3521*	10	mg/kg	14.39	< 10.00	42.01	< 10.00	19.63	< 10.00

Key: ~ Sample details provided by client and can affect the validity of the results: * -not accredited.

: # -MCERTS (accreditation only applies if report carries the MCERTS logo): n/s -not supplied.

Summary of Chemical Analysis

Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306804	2306805	2306806	2306807	2306808	2306809
Sample ID ~	BH03	BH03	BH04	BH04	BH05	BH05
Depth ~	0.50	1.00	0.10	1.00	0.50	2.00
Other ID ~						
Sample Type ~	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date ~	26/02/2024	26/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
TPH Ali/Aro Total C5-C35	DETSC 3521*	10	mg/kg	14.39	< 10.00	42.01	< 10.00	19.63	< 10.00
EPH (C11-C20)	DETSC 3311	10	mg/kg						
EPH (C20-C40)	DETSC 3311	10	mg/kg						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.6	0.3	0.2	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	0.3	< 0.1	0.3	0.5	0.7	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	0.3	< 0.1	0.8	0.5	0.7	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	1.4	< 0.1	5.8	2.2	6.0	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	0.3	< 0.1	1.5	0.5	1.2	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	2.8	< 0.1	6.5	2.7	9.9	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	2.9	< 0.1	6.3	2.7	10	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	1.6	< 0.1	3.5	1.5	5.0	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	1.7	< 0.1	3.3	1.2	5.0	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	1.0	< 0.1	1.7	0.7	2.6	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.7	< 0.1	1.1	0.4	1.7	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	1.8	< 0.1	2.6	1.0	4.4	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	1.0	< 0.1	1.3	0.7	2.3	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.2	< 0.1	0.6	0.4	0.7	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	1.0	< 0.1	1.4	0.6	2.4	< 0.1
PAH 16 Total	DETSC 3301	1.6	mg/kg	< 14.6	< 1.6	37	16	53	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

WASTE ACCEPTANCE CRITERIA TESTING ANALYTICAL REPORT

Our Ref 24-04445

Client Ref P23/482

Contract Title (P23/482) Moss Lane East, Manchester

Sample Id BH01 0.50

Sample Numbers 2306800 2306817 2306818

Date Analysed 12/03/2024

Test Results On Waste				
Determinand and Method Reference	Units	Result		
DETSC 2084# Total Organic Carbon	%	3.4		
DETSC 2003# Loss On Ignition	%	3.5		
DETSC 3321# BTEX	mg/kg	< 0.04		
DETSC 3401# PCBs (7 congeners)	mg/kg	< 0.01		
DETSC 3311# TPH (C10 - C40)	mg/kg	470.0		
DETSC 3301 PAHs	mg/kg	< 41.6		
DETSC 2008# pH	pH Units	11.1		
DETSC 2073* Acid Neutralisation Capacity (pH4)	mol/kg	1.8		
DETSC 2073* Acid Neutralisation Capacity (pH7)	mol/kg	< 1.0		

Test Results On Leachate				
Determinand and Method Reference	Conc in Eluate ug/l		Amount Leached* mg/kg	
	2:1	8:1	LS2	LS10
DETSC 2306 Arsenic as As	2.9	2	0.006	0.022
DETSC 2306 Barium as Ba	29	16	0.06	0.18
DETSC 2306 Cadmium as Cd	< 0.030	< 0.030	< 0.004	< 0.02
DETSC 2306 Chromium as Cr	0.85	< 0.25	< 0.02	< 0.1
DETSC 2306 Copper as Cu	3.2	1.8	0.006	0.02
DETSC 2306 Mercury as Hg	< 0.010	< 0.010	< 0.0004	< 0.002
DETSC 2306 Molybdenum as Mo	5.5	1.4	< 0.02	< 0.1
DETSC 2306 Nickel as Ni	0.65	< 0.50	< 0.02	< 0.1
DETSC 2306 Lead as Pb	4.3	2.9	< 0.01	< 0.05
DETSC 2306 Antimony as Sb	4.2	1.1	< 0.01	< 0.05
DETSC 2306 Selenium as Se	0.58	< 0.25	< 0.006	< 0.03
DETSC 2306 Zinc as Zn	5.8	< 1.3	0.012	< 0.01
DETSC 2055 Chloride as Cl	2700	800	< 20	< 100
DETSC 2055* Fluoride as F	280	< 100	0.56	0.48
DETSC 2055 Sulphate as SO4	22000	4200	44	< 100
DETSC 2009* Total Dissolved Solids	83000	45000	166	514.6
DETSC 2130 Phenol Index	< 100	< 100	< 0.2	< 1
DETSC 2033* Dissolved Organic Carbon	5800	3200	11.6	< 50

Additional Information		
DETSC 2008 pH	7.8	8.5
DETSC 2009 Conductivity uS/cm	118.0	64.3
* Temperature*	17.0	18.0

Mass of Sample Kg*	0.130
Mass of dry Sample Kg*	0.118

Stage 1	
Volume of Leachant L2*	0.223
Volume of Eluate VE1*	0.2

Stage 2	
Volume of Leachant L8*	0.941
Volume of Eluate VE2*	0.89

WAC Limit Values		
Inert Waste	SNRHW	Hazardous Waste
3	5	6
n/a	n/a	10
6	n/a	n/a
1	n/a	n/a
500	n/a	n/a
100	n/a	n/a
n/a	>6	n/a
n/a	TBE	TBE
n/a	TBE	TBE

WAC Limit Values		
Limit values for LS10 Leachate		
Inert Waste	SNRHW	Hazardous Waste
0.5	2	25
20	100	300
0.04	1	5
0.5	10	70
2	50	100
0.01	0.2	2
0.5	10	30
0.4	10	40
0.5	10	50
0.06	0.7	5
0.1	0.5	7
4	50	200
800	15,000	25,000
10	150	500
1000	20,000	50,000
4000	60,000	100,000
1	n/a	n/a
500	800	1000

TBE - To Be Evaluated		
SNRHW - Stable Non-Reactive		
Hazardous Waste		

TBE - To Be Evaluated
SNRHW - Stable Non-Reactive
Hazardous Waste

Disclaimer: The WAC limit values are provided for guidance only. DETS does not accept responsibility for errors or omissions.
Values are correct at time of issue.

WASTE ACCEPTANCE CRITERIA TESTING ANALYTICAL REPORT

Our Ref 24-04445

Client Ref P23/482

Contract Title (P23/482) Moss Lane East, Manchester

Sample Id BH05 0.50

Sample Numbers 2306808 2306819 2306820

Date Analysed 15/03/2024

Test Results On Waste				
Determinand and Method Reference	Units	Result		
DETSC 2084# Total Organic Carbon	%	8.1		
DETSC 2003# Loss On Ignition	%	9.8		
DETSC 3321# BTEX	mg/kg	< 0.04		
DETSC 3401# PCBs (7 congeners)	mg/kg	< 0.01		
DETSC 3311# TPH (C10 - C40)	mg/kg	390.0		
DETSC 3301 PAHs	mg/kg	53.0		
DETSC 2008# pH	pH Units	7.9		
DETSC 2073* Acid Neutralisation Capacity (pH4)	mol/kg	< 1.0		
DETSC 2073* Acid Neutralisation Capacity (pH7)	mol/kg	< 1.0		

Test Results On Leachate				
Determinand and Method Reference	Conc in Eluate ug/l		Amount Leached* mg/kg	
	2:1	8:1	LS2	LS10
DETSC 2306 Arsenic as As	6.1	3.9	0.012	0.042
DETSC 2306 Barium as Ba	9.4	6.1	< 0.02	< 0.1
DETSC 2306 Cadmium as Cd	< 0.030	< 0.030	< 0.004	< 0.02
DETSC 2306 Chromium as Cr	1.2	< 0.25	< 0.02	< 0.1
DETSC 2306 Copper as Cu	2.3	1.3	0.005	< 0.02
DETSC 2306 Mercury as Hg	0.018	< 0.010	< 0.0004	< 0.002
DETSC 2306 Molybdenum as Mo	1.3	< 1.1	< 0.02	< 0.1
DETSC 2306 Nickel as Ni	< 0.50	< 0.50	< 0.02	< 0.1
DETSC 2306 Lead as Pb	1.8	1.4	< 0.01	< 0.05
DETSC 2306 Antimony as Sb	1.6	0.43	< 0.01	< 0.05
DETSC 2306 Selenium as Se	0.33	< 0.25	< 0.006	< 0.03
DETSC 2306 Zinc as Zn	< 1.3	1.7	< 0.002	0.014
DETSC 2055 Chloride as Cl	1600	570	< 20	< 100
DETSC 2055* Fluoride as F	600	230	1.2	2.86
DETSC 2055 Sulphate as SO4	4500	2000	< 20	< 100
DETSC 2009* Total Dissolved Solids	69000	45000	138	486.2
DETSC 2130 Phenol Index	< 100	< 100	< 0.2	< 1
DETSC 2033* Dissolved Organic Carbon	5900	3100	11.8	< 50

Additional Information		
DETSC 2008 pH	7.7	8.2
DETSC 2009 Conductivity uS/cm	98.9	64.8
* Temperature*	17.0	18.0

Mass of Sample Kg*	0.140
Mass of dry Sample Kg*	0.113

Stage 1	
Volume of Leachant L2*	0.198
Volume of Eluate VE1*	0.17

Stage 2	
Volume of Leachant L8*	0.902
Volume of Eluate VE2*	0.85

WAC Limit Values		
Inert Waste	SNRHW	Hazardous Waste
3	5	6
n/a	n/a	10
6	n/a	n/a
1	n/a	n/a
500	n/a	n/a
100	n/a	n/a
n/a	>6	n/a
n/a	TBE	TBE
n/a	TBE	TBE

WAC Limit Values		
Limit values for LS10 Leachate		
Inert Waste	SNRHW	Hazardous Waste
0.5	2	25
20	100	300
0.04	1	5
0.5	10	70
2	50	100
0.01	0.2	2
0.5	10	30
0.4	10	40
0.5	10	50
0.06	0.7	5
0.1	0.5	7
4	50	200
800	15,000	25,000
10	150	500
1000	20,000	50,000
4000	60,000	100,000
1	n/a	n/a
500	800	1000

TBE - To Be Evaluated		
SNRHW - Stable Non-Reactive		
Hazardous Waste		

TBE - To Be Evaluated
SNRHW - Stable Non-Reactive
Hazardous Waste

Disclaimer: The WAC limit values are provided for guidance only. DETS does not accept responsibility for errors or omissions.
Values are correct at time of issue.

* DETS are accredited for the testing of leachates and not the leachate preparation stage which is unaccredited.

Summary of Chemical Analysis

Soil VOC/SVOC Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306801
Sample ID ~	BH01
Depth ~	1.50
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	26/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
VOCs				
Vinyl Chloride	DETSC 3431	0.01	mg/kg	< 0.01
1,1 Dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
Trans-1,2-dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,1-dichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Cis-1,2-dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
2,2-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Bromochloromethane	DETSC 3431	0.01	mg/kg	< 0.01
Chloroform	DETSC 3431	0.01	mg/kg	< 0.01
1,1,1-trichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
1,1-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
Carbon tetrachloride	DETSC 3431	0.01	mg/kg	< 0.01
Benzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Trichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Dibromomethane	DETSC 3431	0.01	mg/kg	< 0.01
Bromodichloromethane	DETSC 3431	0.01	mg/kg	< 0.01
cis-1,3-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
Toluene	DETSC 3431	0.01	mg/kg	< 0.01
trans-1,3-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
1,1,2-trichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Tetrachloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,3-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Dibromochloromethane	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dibromoethane	DETSC 3431	0.01	mg/kg	< 0.01
Chlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,1,1,2-tetrachloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Ethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
m+p-Xylene	DETSC 3431	0.01	mg/kg	< 0.01
o-Xylene	DETSC 3431	0.01	mg/kg	< 0.01
Styrene	DETSC 3431*	0.01	mg/kg	< 0.01
Bromoform	DETSC 3431	0.01	mg/kg	< 0.01
Isopropylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
Bromobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2,3-trichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
n-propylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
2-chlorotoluene	DETSC 3431	0.01	mg/kg	< 0.01
1,3,5-trimethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
4-chlorotoluene	DETSC 3431	0.01	mg/kg	< 0.01
Tert-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01

Summary of Chemical Analysis

Soil VOC/SVOC Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306801
Sample ID ~	BH01
Depth ~	1.50
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	26/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
1,2,4-trimethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
sec-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
p-isopropyltoluene	DETSC 3431	0.01	mg/kg	< 0.01
1,3-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,4-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
n-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dibromo-3-chloropropane	DETSC 3431	0.01	mg/kg	< 0.01
1,2,4-trichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
Hexachlorobutadiene	DETSC 3431	0.01	mg/kg	< 0.01
1,2,3-trichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
MTBE	DETSC 3431*	0.01	mg/kg	< 0.01
VOC TICs - Semi Quant	DETSC 3431*			N
SVOCs				
Phenol	DETSC 3433	0.1	mg/kg	< 0.1
Aniline	DETSC 3433*	0.1	mg/kg	< 0.1
2-Chlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
Benzyl Alcohol	DETSC 3433	0.1	mg/kg	< 0.1
2-Methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
Bis(2-chloroisopropyl)ether	DETSC 3433	0.1	mg/kg	< 0.1
3&4-Methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
2,4-Dimethylphenol	DETSC 3433	0.1	mg/kg	< 0.1
Bis-(dichloroethoxy)methane	DETSC 3433	0.1	mg/kg	< 0.1
2,4-Dichlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
1,2,4-Trichlorobenzene	DETSC 3433	0.1	mg/kg	< 0.1
4-Chloro-3-methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
2-Methylnaphthalene	DETSC 3433	0.1	mg/kg	< 0.1
Hexachlorocyclopentadiene	DETSC 3433*	0.1	mg/kg	< 0.1
2,4,6-Trichlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
2,4,5-Trichlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
2-Chloronaphthalene	DETSC 3433	0.1	mg/kg	< 0.1
2-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1
2,4-Dinitrotoluene	DETSC 3433*	0.1	mg/kg	< 0.1
3-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1
4-Nitrophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Dibenzofuran	DETSC 3433	0.1	mg/kg	< 0.1
2,6-Dinitrotoluene	DETSC 3433	0.1	mg/kg	< 0.1
2,3,4,6-Tetrachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Diethylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
4-Chlorophenylphenylether	DETSC 3433*	0.1	mg/kg	< 0.1
4-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1

Summary of Chemical Analysis

Soil VOC/SVOC Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306801
Sample ID ~	BH01
Depth ~	1.50
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	26/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
2-Methyl-4,6-Dinitrophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Diphenylamine	DETSC 3433	0.1	mg/kg	< 0.1
4-Bromophenylphenylether	DETSC 3433	0.1	mg/kg	< 0.1
Hexachlorobenzene	DETSC 3433	0.1	mg/kg	< 0.1
Pentachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Di-n-butylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
Butylbenzylphthalate	DETSC 3433*	0.1	mg/kg	< 0.1
Bis(2-ethylhexyl)phthalate	DETSC 3433	0.1	mg/kg	< 0.1
Di-n-octylphthalate	DETSC 3433*	0.1	mg/kg	< 0.1
1,4-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
Dimethylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
1,3-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
1,2-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
2,3,5,6-Tetrachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Azobenzene	DETSC 3433	0.1	mg/kg	< 0.1
Carbazole	DETSC 3433*	0.1	mg/kg	< 0.1
SVOC TICs - Semi Quant	DETSC 3433*			N

Summary of Chemical Analysis

Leachate Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306810	2306811	2306812	2306813	2306814	2306815	2306816
Sample ID ~	FP03	HP02	BH01	BH02	BH03	BH04	BH05
Depth ~	0.40	0.50	1.50	0.50	1.00	1.00	2.00
Other ID ~							
Sample Type ~	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Sampling Date ~	27/02/2024	26/02/2024	26/02/2024	27/02/2024	26/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Preparation										
BS EN 12457 2:1 WAC	DETS 1009*									
BS EN 12457 8:1 WAC	DETS 1009*									
Leachate 2:1 250g Non-WAC	DETS 1009*			Y	Y	Y	Y	Y	Y	Y
Metals										
Arsenic, Dissolved	DETS 2306	0.16	ug/l	5.2	1.8	0.75	1.2	0.41	0.80	0.20
Cadmium, Dissolved	DETS 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.12	< 0.03
Calcium, Dissolved	DETS 2306	0.09	mg/l	8.1	11	2.8	3.1	6.0	7.8	3.4
Chromium, Dissolved	DETS 2306	0.25	ug/l	< 0.25	1.1	0.42	1.3	< 0.25	< 0.25	< 0.25
Copper, Dissolved	DETS 2306	0.4	ug/l	1.8	1.7	1.5	1.6	1.5	3.7	< 0.4
Lead, Dissolved	DETS 2306	0.09	ug/l	3.4	2.7	0.97	1.5	< 0.09	0.75	0.18
Magnesium, Dissolved	DETS 2306	0.02	mg/l	0.40	0.52	0.45	0.43	1.3	0.52	0.95
Mercury, Dissolved (Low Level)	DETS 2324	0.001	ug/l	0.0099	0.0084	0.0019	0.0033	< 0.0010	0.0022	< 0.0010
Nickel, Dissolved	DETS 2306	0.5	ug/l	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
Selenium, Dissolved	DETS 2306	0.25	ug/l	< 0.25	< 0.25	0.30	< 0.25	< 0.25	< 0.25	< 0.25
Zinc, Dissolved	DETS 2306	1.3	ug/l	< 1.3	< 1.3	2.4	22	< 1.3	5.0	8.0
Inorganics										
Total Hardness as CaCO3	DETS 2303	0.1	mg/l	21.9	28.4	8.87	9.40	20.1	21.5	12.4
Sulphate as SO4	DETS 2055	0.1	mg/l	2.0	2.8	2.0	2.9	3.3	10	15
Sulphide	DETS 2208	10	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Petroleum Hydrocarbons										
Aliphatic C5-C6	DETS 3322	0.1	ug/l	300	310		440		490	
Aliphatic C6-C8	DETS 3322	0.1	ug/l	< 0.1	< 0.1		< 0.1		4.1	
Aliphatic C8-C10	DETS 3322	0.1	ug/l	2.1	< 0.1		< 0.1		< 0.1	
Aliphatic C10-C12	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aliphatic C12-C16	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aliphatic C16-C21	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aliphatic C21-C35	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aliphatic C5-C35	DETS 3072*	10	ug/l	310	310		440		490	
Aromatic C5-C7	DETS 3322	0.1	ug/l	< 0.1	< 0.1		< 0.1		< 0.1	
Aromatic C7-C8	DETS 3322	0.1	ug/l	< 0.1	< 0.1		< 0.1		< 0.1	
Aromatic C8-C10	DETS 3322	0.1	ug/l	< 0.1	< 0.1		< 0.1		< 0.1	
Aromatic C10-C12	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aromatic C12-C16	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aromatic C16-C21	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aromatic C21-C35	DETS 3072*	1	ug/l	< 1.0	< 1.0		< 1.0		< 1.0	
Aromatic C5-C35	DETS 3072*	10	ug/l	< 10	< 10		< 10		< 10	
TPH Ali/Aro Total C5-C35	DETS 3072*	10	ug/l	310	310		440		490	
PAHs										
Naphthalene	DETS 3304	0.05	ug/l	< 0.05	< 0.05		< 0.05		< 0.05	
Acenaphthylene	DETS 3304	0.01	ug/l	< 0.01	0.01		< 0.01		< 0.01	

Summary of Chemical Analysis

Leachate Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306810	2306811	2306812	2306813	2306814	2306815	2306816
Sample ID ~	FP03	HP02	BH01	BH02	BH03	BH04	BH05
Depth ~	0.40	0.50	1.50	0.50	1.00	1.00	2.00
Other ID ~							
Sample Type ~	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Sampling Date ~	27/02/2024	26/02/2024	26/02/2024	27/02/2024	26/02/2024	27/02/2024	27/02/2024
Sampling Time ~	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Acenaphthene	DETSC 3304	0.01	ug/l	< 0.01	0.01		< 0.01		< 0.01	
Fluorene	DETSC 3304	0.01	ug/l	0.01	0.01		< 0.01		< 0.01	
Phenanthrene	DETSC 3304	0.01	ug/l	0.06	0.06		0.03		0.03	
Anthracene	DETSC 3304	0.01	ug/l	0.02	0.02		0.01		< 0.01	
Fluoranthene	DETSC 3304	0.01	ug/l	0.08	0.10		0.03		0.07	
Pyrene	DETSC 3304	0.01	ug/l	0.09	0.10		0.03		0.07	
Benzo(a)anthracene	DETSC 3304*	0.01	ug/l	0.03	0.04		0.02		0.03	
Chrysene	DETSC 3304	0.01	ug/l	0.05	0.06		0.02		0.03	
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	0.07	0.08		0.03		0.04	
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	0.02	0.03		< 0.01		0.02	
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.05	0.05		0.02		0.03	
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	0.07	0.07		0.03		0.04	
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01		< 0.01		< 0.01	
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	0.07	0.06		0.03		0.04	
PAH Total	DETSC 3304	0.2	ug/l	0.62	0.71		0.25		0.40	
Phenols										
Total Phenol	DETSC 3451*	0.5	ug/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Summary of Asbestos Analysis Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
2306797	FP03 0.40	SOIL	NAD	none	Darryl Fletcher
2306798	FP05 0.50-1.00	SOIL	Chrysotile	Chrysotile fibres present in microscopic bitumen debris	Darryl Fletcher
2306799	HP02 0.50	SOIL	NAD	none	Darryl Fletcher
2306800	BH01 0.50	SOIL	Amosite	Amosite fibres present in microscopic board debris	Darryl Fletcher
2306801	BH01 1.50	SOIL	NAD	none	Darryl Fletcher
2306802	BH02 0.20	SOIL	NAD	none	Darryl Fletcher
2306803	BH02 0.50	SOIL	NAD	none	Darryl Fletcher
2306804	BH03 0.50	SOIL	NAD	none	Darryl Fletcher
2306805	BH03 1.00	SOIL	NAD	none	Darryl Fletcher
2306806	BH04 0.10	SOIL	NAD	none	Darryl Fletcher
2306807	BH04 1.00	SOIL	Chrysotile	Chrysotile fibres present in microscopic insulation debris	Darryl Fletcher
2306808	BH05 0.50	SOIL	NAD	none	Darryl Fletcher
2306809	BH05 2.00	SOIL	NAD	none	Darryl Fletcher

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation.

Summary of Asbestos Quantification Analysis

Soil Samples

Our Ref 24-04445

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2306798	2306800	2306807
Sample ID ~	FP05	BH01	BH04
Depth ~	0.50-1.00	0.50	1.00
Other ID ~			
Sample Type ~			
Sampling Date ~	27/02/2024	26/02/2024	27/02/2024
Sampling Time ~			

Test	Method	Units			
Total Mass% Asbestos (a+b+c)	DETSC 1102	Mass %	< 0.001	0.002	0.006
Gravimetric Quantification (a)	DETSC 1102	Mass %	0.001	0.002	0.006
Detailed Gravimetric Quantification (b)	DETSC 1102	Mass %	na	na	na
Quantification by PCOM (c)	DETSC 1102	Mass %	na	na	na
Potentially Respirable Fibres (d)	DETSC 1102	Fibres/g	na	na	na

Breakdown of Gravimetric Analysis (a)

Mass of Sample		g	475.75	443.45	322.19
ACMs present*		type	Bitumen	Board	Insulation
Mass of ACM in sample		g	0.05	0.02	0.02
% ACM by mass		%	0.01	0.00	0.01
% asbestos in ACM		%	8	40	85
% asbestos in sample		%	0.001	0.002	0.006

Breakdown of Detailed Gravimetric Analysis (b)

% Amphibole bundles in sample		Mass %	na	na	na
% Chrysotile bundles in sample		Mass %	na	na	na

Breakdown of PCOM Analysis (c)

% Amphibole fibres in sample		Mass %	na	na	na
% Chrysotile fibres in sample		Mass %	na	na	na

Breakdown of Potentially Respirable Fibre Analysis (d)

Amphibole fibres		Fibres/g	na	na	na
Chrysotile fibres		Fibres/g	na	na	na

* Denotes test or material description outside of UKAS accreditation.
 % asbestos in Asbestos Containing Materials (ACMs) is determined by
 by reference to HSG 264.
 Recommended sample size for quantification is approximately 1kg
 # denotes deviating sample

Information in Support of the Analytical Results

Our Ref 24-04445
 Client Ref ~ P23/482
 Contract ~ (P23/482) Moss Lane East, Manchester

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date Sampled ~	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2306797	FP03 0.40 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306798	FP05 0.50-1.00 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306799	HP02 0.50 SOIL	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306800	BH01 0.50 SOIL	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306801	BH01 1.50 SOIL	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306802	BH02 0.20 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306803	BH02 0.50 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306804	BH03 0.50 SOIL	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306805	BH03 1.00 SOIL	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306806	BH04 0.10 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306807	BH04 1.00 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306808	BH05 0.50 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306809	BH05 2.00 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306810	FP03 0.40 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306811	HP02 0.50 LEACHATE	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306812	BH01 1.50 LEACHATE	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306813	BH02 0.50 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306814	BH03 1.00 LEACHATE	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306815	BH04 1.00 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306816	BH05 2.00 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306817	BH01 0.50 LEACHATE	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306818	BH01 0.50 LEACHATE	26/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306819	BH05 0.50 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306820	BH05 0.50 LEACHATE	27/02/24	GJ 250ml, GJ 60ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



Certificate of Analysis

Certificate Number 24-05723

Issued: 21-Mar-24

Client Mason Evans Partnership
1st Floor
100 Brand Street
Glasgow
G51 1DG

Our Reference 24-05723

Client Reference ~ P23/482

Order No ~ Scott Armstrong

Contract Title ~ (P23/482) Moss Lane East, Manchester

Description One Soil sample.

Date Received 01-Mar-24

Date Started 18-Mar-24

Date Completed 21-Mar-24

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Kirk Bridgewood
General Manager



Normec DETS Limited

Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY

Symbol key at end of report Tel: 01207 582333 • email: info@dets.co.uk • www.dets.co.uk

Page 1 of 7

Summary of Chemical Analysis

UKWIR Samples

Our Ref 24-05723

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2313781
Sample ID ~	BH04
Depth ~	1.00
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	27/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
Conductivity	DETSC 2009	1	uS/cm	3300
pH	DETSC 2008#		pH	7.4
Redox Potential	DETSC 2016*	-500	mV	230
Mineral Oil(C11-C20)	DETSC 3311	10	mg/kg	< 10
Mineral Oil(C20-C40)	DETSC 3311	10	mg/kg	< 10
Total VOCs	DETSC 3431*	0.01	mg/kg	< 0.01
BTEX + MTBE	DETSC 3431	0.01	mg/kg	< 0.01
Total SVOCs	DETSC 3433*	0.1	mg/kg	< 0.1
Phenol	DETSC 3433	0.1	mg/kg	< 0.1
Cresols and Chlorinated Phenols	DETSC 3433*	0.1	mg/kg	< 0.1
TICs (Ethers,Ketones,Aldehydes,Amines,Nitrobenzene)			mg/kg	None

Summary of Chemical Analysis

Soil Samples

Our Ref 24-05723

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2313781
Sample ID ~	BH04
Depth ~	1.00
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	27/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
Inorganics				
Conductivity	DETSC 2009	1	uS/cm	3300
pH	DETSC 2008#		pH	7.4
Redox Potential	DETSC 2016*	-500	mV	230
Petroleum Hydrocarbons				
EPH (C11-C20)	DETSC 3311	10	mg/kg	< 10
EPH (C20-C40)	DETSC 3311	10	mg/kg	< 10

Summary of Chemical Analysis

Soil Samples

Our Ref 24-05723

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2313781
Sample ID ~	BH04
Depth ~	1.00
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	27/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
VOCs				
Vinyl Chloride	DETSC 3431	0.01	mg/kg	< 0.01
1,1 Dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
Trans-1,2-dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,1-dichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Cis-1,2-dichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
2,2-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Bromochloromethane	DETSC 3431	0.01	mg/kg	< 0.01
Chloroform	DETSC 3431	0.01	mg/kg	< 0.01
1,1,1-trichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
1,1-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
Carbon tetrachloride	DETSC 3431	0.01	mg/kg	< 0.01
Benzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Trichloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Dibromomethane	DETSC 3431	0.01	mg/kg	< 0.01
Bromodichloromethane	DETSC 3431	0.01	mg/kg	< 0.01
cis-1,3-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
Toluene	DETSC 3431	0.01	mg/kg	< 0.01
trans-1,3-dichloropropene	DETSC 3431	0.01	mg/kg	< 0.01
1,1,2-trichloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Tetrachloroethylene	DETSC 3431	0.01	mg/kg	< 0.01
1,3-dichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
Dibromochloromethane	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dibromoethane	DETSC 3431	0.01	mg/kg	< 0.01
Chlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,1,1,2-tetrachloroethane	DETSC 3431	0.01	mg/kg	< 0.01
Ethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
m+p-Xylene	DETSC 3431	0.01	mg/kg	< 0.01
o-Xylene	DETSC 3431	0.01	mg/kg	< 0.01
Styrene	DETSC 3431*	0.01	mg/kg	< 0.01
Bromoform	DETSC 3431	0.01	mg/kg	< 0.01
Isopropylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
Bromobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2,3-trichloropropane	DETSC 3431	0.01	mg/kg	< 0.01
n-propylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
2-chlorotoluene	DETSC 3431	0.01	mg/kg	< 0.01
1,3,5-trimethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
4-chlorotoluene	DETSC 3431	0.01	mg/kg	< 0.01
Tert-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2,4-trimethylbenzene	DETSC 3431	0.01	mg/kg	< 0.01

Summary of Chemical Analysis

Soil Samples

Our Ref 24-05723

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2313781
Sample ID ~	BH04
Depth ~	1.00
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	27/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
sec-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
p-isopropyltoluene	DETSC 3431	0.01	mg/kg	< 0.01
1,3-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,4-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
n-butylbenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
1,2-dibromo-3-chloropropane	DETSC 3431	0.01	mg/kg	< 0.01
1,2,4-trichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
Hexachlorobutadiene	DETSC 3431	0.01	mg/kg	< 0.01
Naphthalene	DETSC 3431	0.01	mg/kg	< 0.01
1,2,3-trichlorobenzene	DETSC 3431	0.01	mg/kg	< 0.01
MTBE	DETSC 3431*	0.01	mg/kg	< 0.01
VOC TICs - Semi Quant	DETSC 3431*			N
SVOCs				
Phenol	DETSC 3433	0.1	mg/kg	< 0.1
Aniline	DETSC 3433*	0.1	mg/kg	< 0.1
2-Chlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
Benzyl Alcohol	DETSC 3433	0.1	mg/kg	< 0.1
2-Methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
Bis(2-chloroisopropyl)ether	DETSC 3433	0.1	mg/kg	< 0.1
3&4-Methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
2,4-Dimethylphenol	DETSC 3433	0.1	mg/kg	< 0.1
Bis-(dichloroethoxy)methane	DETSC 3433	0.1	mg/kg	< 0.1
2,4-Dichlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
1,2,4-Trichlorobenzene	DETSC 3433	0.1	mg/kg	< 0.1
4-Chloro-3-methylphenol	DETSC 3433	0.1	mg/kg	< 0.1
2-Methylnaphthalene	DETSC 3433	0.1	mg/kg	< 0.1
Hexachlorocyclopentadiene	DETSC 3433*	0.1	mg/kg	< 0.1
2,4,6-Trichlorophenol	DETSC 3433	0.1	mg/kg	< 0.1
2,4,5-Trichlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
2-Chloronaphthalene	DETSC 3433	0.1	mg/kg	< 0.1
2-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1
2,4-Dinitrotoluene	DETSC 3433*	0.1	mg/kg	< 0.1
Acenaphthylene	DETSC 3433	0.1	mg/kg	< 0.1
3-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1
Acenaphthene	DETSC 3433	0.1	mg/kg	< 0.1
4-Nitrophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Dibenzofuran	DETSC 3433	0.1	mg/kg	< 0.1
2,6-Dinitrotoluene	DETSC 3433	0.1	mg/kg	< 0.1
2,3,4,6-Tetrachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Diethylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
4-Chlorophenylphenylether	DETSC 3433*	0.1	mg/kg	< 0.1

Summary of Chemical Analysis

Soil Samples

Our Ref 24-05723

Client Ref ~ P23/482

Contract Title ~ (P23/482) Moss Lane East, Manchester

Lab No	2313781
Sample ID ~	BH04
Depth ~	1.00
Other ID ~	
Sample Type ~	SOIL
Sampling Date ~	27/02/2024
Sampling Time ~	n/s

Test	Method	LOD	Units	
Fluorene	DETSC 3433	0.1	mg/kg	< 0.1
4-Nitroaniline	DETSC 3433*	0.1	mg/kg	< 0.1
2-Methyl-4,6-Dinitrophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Diphenylamine	DETSC 3433	0.1	mg/kg	< 0.1
4-Bromophenylphenylether	DETSC 3433	0.1	mg/kg	< 0.1
Hexachlorobenzene	DETSC 3433	0.1	mg/kg	< 0.1
Pentachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Phenanthrene	DETSC 3433	0.1	mg/kg	< 0.1
Anthracene	DETSC 3433	0.1	mg/kg	< 0.1
Di-n-butylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
Fluoranthene	DETSC 3433	0.1	mg/kg	< 0.1
Pyrene	DETSC 3433	0.1	mg/kg	< 0.1
Butylbenzylphthalate	DETSC 3433*	0.1	mg/kg	< 0.1
Benzo(a)anthracene	DETSC 3433	0.1	mg/kg	< 0.1
Chrysene	DETSC 3433	0.1	mg/kg	< 0.1
Bis(2-ethylhexyl)phthalate	DETSC 3433	0.1	mg/kg	< 0.1
Di-n-octylphthalate	DETSC 3433*	0.1	mg/kg	< 0.1
Benzo(b)fluoranthene	DETSC 3433	0.1	mg/kg	< 0.1
Benzo(k)fluoranthene	DETSC 3433	0.1	mg/kg	< 0.1
Benzo(a)pyrene	DETSC 3433	0.1	mg/kg	< 0.1
Indeno(123cd)pyrene	DETSC 3433	0.1	mg/kg	< 0.1
Dibenzo(ah)anthracene	DETSC 3433	0.1	mg/kg	< 0.1
Benzo(ghi)perylene	DETSC 3433	0.1	mg/kg	< 0.1
1,4-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
Dimethylphthalate	DETSC 3433	0.1	mg/kg	< 0.1
1,3-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
1,2-Dinitrobenzene	DETSC 3433*	0.1	mg/kg	< 0.1
2,3,5,6-Tetrachlorophenol	DETSC 3433*	0.1	mg/kg	< 0.1
Azobenzene	DETSC 3433	0.1	mg/kg	< 0.1
Carbazole	DETSC 3433*	0.1	mg/kg	< 0.1

Information in Support of the Analytical Results

Our Ref 24-05723
 Client Ref ~ P23/482
 Contract ~ (P23/482) Moss Lane East, Manchester

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date Sampled ~	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2313781	BH04 1.00 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.
Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.
The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Key:

- ~ Sample details are provided by the client and can affect the validity of the results
- * -not accredited.
- # -MCERTS (accreditation only applies if report carries the MCERTS logo).
- \$ -subcontracted.
- n/s -not supplied.
- I/S -insufficient sample.
- U/S -unsuitable sample.
- t/f -to follow.
- nd -not detected.

End of Report

Appendix 10

Gas / Groundwater Monitoring Data (19/03/24 – 22/05/24)



Project Number:		P23/483																		
Site:		Moss Lane East, Manchester																		
Date:		19/03/2024																		
Readings taken by:		LM																		
Background Data		Weather Conditions				Overcast														
		Ground Conditions (dry/wet):				Wet														
		Air Temperature (°C)				10														
		Atmospheric Pressure (mB) (start):				1010														
		Atmospheric Pressure (mB) (finish):				1011														
		O2 (%)				20.7														
		Time (hh:mm)				09:30														
Borehole No.	Interval	Gas											Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵	R ⁶	S ⁷	
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
BH01	30	-	18.5	-	2.3	-	0.0	-	0.0	-	0.0	0.0	1.1	0.0	1.40	7.75	3	Y	Y	N/A
	60	-	18.4	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
	90	-	18.4	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
	120	-	18.4	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
BH02	30	-	20.5	-	0.3	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	Dry	8.40	N	N	N	N/A
	60	-	20.6	-	0.1	-	0.0	-	0.0	-	0.0	0.0								
	90	-	20.6	-	0.2	-	0.0	-	0.0	-	0.0	0.0								
	120	-	20.6	-	0.2	-	0.0	-	0.0	-	0.0	0.0								
BH03	30	-	20.6	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.10	4.15	1.5	N	N	N/A
	60	-	20.6	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
	90	-	20.6	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
	120	-	20.6	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
BH04	30	-	15.7	-	2.3	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.90	3.25	2	N	N	N/A
	60	-	15.6	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
	90	-	15.6	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
	120	-	15.6	-	2.3	-	0.0	-	0.0	-	0.0	0.0								
BH05	30	-	19.1	-	1.4	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.90	2.90	N	N	N	N/A
	60	-	19.1	-	1.4	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.0	-	1.4	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.1	-	1.4	-	0.0	-	0.0	-	0.0	0.0								
Remarks	BH01 sampled.																			
Borehole Damage Record/ Installation Record															Key: 1 – Peak 2 – Steady state 3 – Groundwater depth 4 – Depth of well		5 –Purged well volumes 6 – Recharge (yes/no) 7 – Sampled (yes/no)			
Borehole Condition Statement																				



Geo-Environmental Consultants

Gas and Groundwater Monitoring Results

Project Number:	P23/483																			
Site:	Moss Lane East, Manchester																			
Date:	19/03/2024																			
Readings taken by:	LM																			
Background Data	Weather Conditions		Overcast																	
	Ground Conditions (dry/wet):		Wet																	
	Air Temperature (°C)		10																	
	Atmospheric Pressure (mB) (start):		1010																	
	Atmospheric Pressure (mB) (finish):		1011																	
	O ₂ (%)		20.7																	
Time (hh:mm)		09:30																		
Borehole No.	Interval	Gas										Groundwater		Sampling			PID Results			
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵	R ⁶	S ⁷	
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
Gas Monitor Model:	Serial No:										Recalibration Due:									
GFM 430 / GFM436	12984										28/02/2025									



Project Number:		P23/483																		
Site:		Moss Lane East, Manchester																		
Date:		01/04/2024																		
Readings taken by:		MC																		
Background Data		Weather Conditions				Overcast, began to rain during monitoring														
		Ground Conditions (dry/wet):				Wet														
		Air Temperature (°C)				5														
		Atmospheric Pressure (mB) (start):				998														
		Atmospheric Pressure (mB) (finish):				998														
		O2 (%)				20.2														
		Time (hh:mm)				16:30														
Borehole No.	Interval	Gas											Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵	R ⁶	S ⁷	
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
BH01	30	-	18.5	-	2.6	-	0.0	-	0.0	-	0.0	0.0	0.9	0.0	1.15	7.75	2.5	N	N	N/A
	60	-	19.0	-	1.9	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.3	-	1.8	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.3	-	1.8	-	0.0	-	0.0	-	0.0	0.0								
BH02	30	-	19.2	-	0.6	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	Dry	8.40	N	N	N	N/A
	60	-	19.3	-	0.6	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.3	-	0.6	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.3	-	0.6	-	0.0	-	0.0	-	0.0	0.0								
BH03	30	-	19.1	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.9	4.15	1.25	N	N	N/A
	60	-	19.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
BH04	30	-	14.4	-	2.2	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.75	3.25	1.7	N	N	N/A
	60	-	12.7	-	2.2	-	0.0	-	0.0	-	0.0	0.0								
	90	-	12.3	-	2.2	-	0.0	-	0.0	-	0.0	0.0								
	120	-	12.3	-	2.2	-	0.0	-	0.0	-	0.0	0.0								
BH05	30	-	19.2	-	1.4	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.55	2.90	0.5	N	N	N/A
	60	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
Remarks																				
Borehole Damage Record/ Installation Record														Key: 1 – Peak 2 – Steady state 3 – Groundwater depth 4 – Depth of well		5 –Purged well volumes 6 – Recharge (yes/no) 7 – Sampled (yes/no)				
Borehole Condition Statement																				



Gas and Groundwater Monitoring Results

Project Number:	P23/483																		
Site:	Moss Lane East, Manchester																		
Date:	01/04/2024																		
Readings taken by:	MC																		
Background Data	Weather Conditions		Overcast, began to rain during monitoring																
	Ground Conditions (dry/wet):		Wet																
	Air Temperature (°C)		5																
	Atmospheric Pressure (mB) (start):		998																
	Atmospheric Pressure (mB) (finish):		998																
	O2 (%)		20.2																
Time (hh:mm)		16:30																	
Borehole No.	Interval	Gas										Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)	Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵	R ⁶	S ⁷	
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²								
Gas Monitor Model:	Serial No:										Recalibration Due:								
GFM 430 / GFM436	12644										05/07/2024								

Gas and Groundwater Monitoring Results

Project Number:	P23/483																			
Site:	Moss Lane East, Manchester																			
Date:	11/04/2024																			
Readings taken by:	DM																			
Background Data	Weather Conditions		Cloudy																	
	Ground Conditions (dry/wet):		Wet																	
	Air Temperature (°C)		10																	
	Atmospheric Pressure (mB) (start):		1016																	
	Atmospheric Pressure (mB) (finish):		1016																	
	O2 (%)		20.9																	
Time (hh:mm)		11:00																		
Borehole No.	Interval	Gas											Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵		R ⁶	S ⁷
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
BH01	30	-	19.9	-	0.7	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.20	7.70	3	N	N	N/A
	60	-	19.9	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.9	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.9	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
BH02	30	-	20.1	-	0.5	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	7.70	8.15	N	N	N	N/A
	60	-	19.9	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.9	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.9	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
BH03	30	-	20.4	-	0.2	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.90	4.20	1	N	N	N/A
	60	-	20.4	-	0.2	-	0.0	-	0.0	-	0.0	0.0								
	90	-	20.4	-	0.2	-	0.0	-	0.0	-	0.0	0.0								
	120	-	20.4	-	0.2	-	0.0	-	0.0	-	0.0	0.0								
BH04	30	-	18.0	-	0.1	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.90	3.40	1	N	N	N/A
	60	-	17.9	-	0.1	-	0.0	-	0.0	-	0.0	0.0								
	90	-	17.9	-	0.1	-	0.0	-	0.0	-	0.0	0.0								
	120	-	17.9	-	0.1	-	0.0	-	0.0	-	0.0	0.0								
BH05	30	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	2.00	2.90	N	N	N	N/A
	60	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.1	-	1.5	-	0.0	-	0.0	-	0.0	0.0								
Remarks																				
Borehole Damage Record/ Installation Record															Key: 1 – Peak 2 – Steady state 3 – Groundwater depth 4 – Depth of well		5 – Purged well volumes 6 – Recharge (yes/no) 7 – Sampled (yes/no)			
Borehole Condition Statement																				

Gas and Groundwater Monitoring Results

Project Number:		P23/483																		
Site:		Moss Lane East, Manchester																		
Date:		11/04/2024																		
Readings taken by:		DM																		
Background Data		Weather Conditions		Cloudy																
		Ground Conditions (dry/wet):		Wet																
		Air Temperature (°C)		10																
		Atmospheric Pressure (mB) (start):		1016																
		Atmospheric Pressure (mB) (finish):		1016																
		O₂ (%)		20.9																
Time (hh:mm)		11:00																		
Borehole No.	Interval	Gas												Groundwater		Sampling			PID Results	
		Oxygen O₂ (%)		Carbon Dioxide CO₂ (%)		Methane CH₄ (%)		Hydrogen Sulphide H₂S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd³ (mbgl)	DoW⁴ (m)	Pr⁵	R⁶	S⁷	
		P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²		P¹	SS²						
Gas Monitor Model:		Serial No:												Recalibration Due:						
GFM 430 / GFM436		12984												28.02.2025						

Gas and Groundwater Monitoring Results

Project Number:	P23/483																			
Site:	Moss Lane East, Manchester																			
Date:	24/04/2024																			
Readings taken by:	DM																			
Background Data	Weather Conditions		Cloudy																	
	Ground Conditions (dry/wet):		Dry																	
	Air Temperature (°C)		10																	
	Atmospheric Pressure (mB) (start):		1014																	
	Atmospheric Pressure (mB) (finish):		1013																	
	O₂ (%)		21.1																	
Time (hh:mm)		13:00																		
Borehole No.	Interval	Gas											Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵		R ⁶	S ⁷
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
BH01	30	-	20.6	-	0.5	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	1.20	7.70	3	N	N	N/A
	60	-	20.6	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
	90	-	20.6	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
	120	-	20.6	-	0.5	-	0.0	-	0.0	-	0.0	0.0								
BH02	30	-	14.1	-	3.3	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	7.60	8.15	N	N	N	N/A
	60	-	14.0	-	3.3	-	0.0	-	0.0	-	0.0	0.0								
	90	-	14.0	-	3.3	-	0.0	-	0.0	-	0.0	0.0								
	120	-	14.0	-	3.3	-	0.0	-	0.0	-	0.0	0.0								
BH03	30	-	20.4	-	0.2	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	2.00	4.30	I	N	N	N/A
	60	-	20.7	-	0.1	-	0.0	-	0.0	-	0.0	0.0								
	90	-	20.7	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
	120	-	20.7	-	0.0	-	0.0	-	0.0	-	0.0	0.0								
BH04	30	-	19.3	-	0.7	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.90	3.40	I	N	N	N/A
	60	-	19.4	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
	90	-	19.4	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
	120	-	19.4	-	0.7	-	0.0	-	0.0	-	0.0	0.0								
BH05	30	-	18.6	-	1.7	-	0.0	-	0.0	-	0.0	0.0	0.0	0.0	2.10	2.90	N	N	N	N/A
	60	-	18.7	-	1.7	-	0.0	-	0.0	-	0.0	0.0								
	90	-	18.7	-	1.7	-	0.0	-	0.0	-	0.0	0.0								
	120	-	18.7	-	1.7	-	0.0	-	0.0	-	0.0	0.0								
Remarks																				
Borehole Damage Record/ Installation Record															Key: 1 – Peak 2 – Steady state 3 – Groundwater depth 4 – Depth of well		5 – Purged well volumes 6 – Recharge (yes/no) 7 – Sampled (yes/no)			
Borehole Condition Statement																				

Gas and Groundwater Monitoring Results

Project Number:		P23/483																		
Site:		Moss Lane East, Manchester																		
Date:		24/04/2024																		
Readings taken by:		DM																		
Background Data		Weather Conditions		Cloudy																
		Ground Conditions (dry/wet):		Dry																
		Air Temperature (°C)		10																
		Atmospheric Pressure (mB) (start):		1014																
		Atmospheric Pressure (mB) (finish):		1013																
		O₂ (%)		21.1																
Time (hh:mm)		13:00																		
Borehole No.	Interval	Gas												Groundwater		Sampling			PID Results	
		Oxygen O₂ (%)		Carbon Dioxide CO₂ (%)		Methane CH₄ (%)		Hydrogen Sulphide H₂S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd³ (mbgl)	DoW⁴ (m)	Pr⁵	R⁶	S⁷	
		P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²		P¹	SS²						
Gas Monitor Model:		Serial No:												Recalibration Due:						
GFM 430 / GFM436		12984												28.02.2025						



Key:	
1 – Peak	5 –Purged well volumes
2 – Steady state	6 – Recharge (yes/no)
3 – Groundwater depth	7 – Sampled (yes/no)
4 – Depth of well	



Gas and Groundwater Monitoring Results

Project Number:	P23/483																			
Site:	Moss Lane East, Manchester																			
Date:	08/05/2024																			
Readings taken by:	LM																			
Background Data	Weather Conditions		Clear																	
	Ground Conditions (dry/wet):		Dry																	
	Air Temperature (°C)		20																	
	Atmospheric Pressure (mB) (start):		1027																	
	Atmospheric Pressure (mB) (finish):		1028																	
	O2 (%)		20.8																	
Time (hh:mm)		12:45																		
Borehole No.	Interval	Gas											Groundwater		Sampling			PID Results		
		Oxygen O ₂ (%)		Carbon Dioxide CO ₂ (%)		Methane CH ₄ (%)		Hydrogen Sulphide H ₂ S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd ³ (mbgl)	DoW ⁴ (m)	Pr ⁵	R ⁶	S ⁷	
		P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²	P ¹	SS ²		P ¹	SS ²						
Gas Monitor Model:	Serial No:											Recalibration Due:								
GFM 430 / GFM436	13655											15/06/2023								



Key:
1 – Peak
2 – Steady state
3 – Groundwater depth
4 – Depth of well

Gas and Groundwater Monitoring Results

Project Number:		P23/483																		
Site:		Moss Lane East, Manchester																		
Date:		22/05/2024																		
Readings taken by:		DM																		
Background Data		Weather Conditions				Raining														
		Ground Conditions (dry/wet):				Wet														
		Air Temperature (°C)				13														
		Atmospheric Pressure (mB) (start):				1001														
		Atmospheric Pressure (mB) (finish):				1000														
		O₂ (%)				20.9														
		Time (hh:mm)				14:00														
Borehole No.	Interval	Gas												Groundwater		Sampling			PID Results	
		Oxygen O₂ (%)		Carbon Dioxide CO₂ (%)		Methane CH₄ (%)		Hydrogen Sulphide H₂S (PPM)		Carbon Monoxide CO (PPM)		Lower Explosive Limit (LEL)	Flow (l/hr)		Wd³ (mbgl)	DoW⁴ (m)	Pr⁵	R⁶	S⁷	
		P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²	P¹	SS²		P¹	SS²						
Gas Monitor Model:		Serial No:												Recalibration Due:						
GFM 430 / GFM436		12984												28.02.2025						

Appendix I I

Geotechnical Analysis Results (MATtest Ltd, March 2024) (Ref: 24/269-01-1)

LABORATORY TEST CERTIFICATE

10 Queenslie Point
Queenslie Industrial Estate
120 Stepps Road
Glasgow
G33 3NQ

Certificate No : 24/269 - 01-1
To : Scott Armstrong
Client : Mason Evans Partnership
1st Floor
100 Brand Street
Glasgow
G51 1DG

Tel: 0141 774 4032

email: info@mattest.org
Website: www.mattest.org

LABORATORY TESTING OF SOIL

Introduction

We refer to samples taken from Moss Lane East, Manchester and delivered to our laboratory on 04th March 2024.

Material & Source

Sample Reference : See Report Plates
Sampled By : Client
Sampling Certificate : Not Supplied
Location : See Report Plates
Description : See Page 2
Date Sampled : 26th to 28th February 2024
Date Tested : 04th March 2024 Onwards
Source : P23/483 - Moss Lane East, Manchester

Test Results

As Detailed On Page 2 to Page 25 inclusive

Comments

The results contained in this report relate to the sample(s) as received
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation
This report should not be reproduced except in full without the written approval of the laboratory
All remaining samples for this project will be disposed of 28 days after issue of this test certificate

Remarks

Approved for Issue


T McLelland (Director)

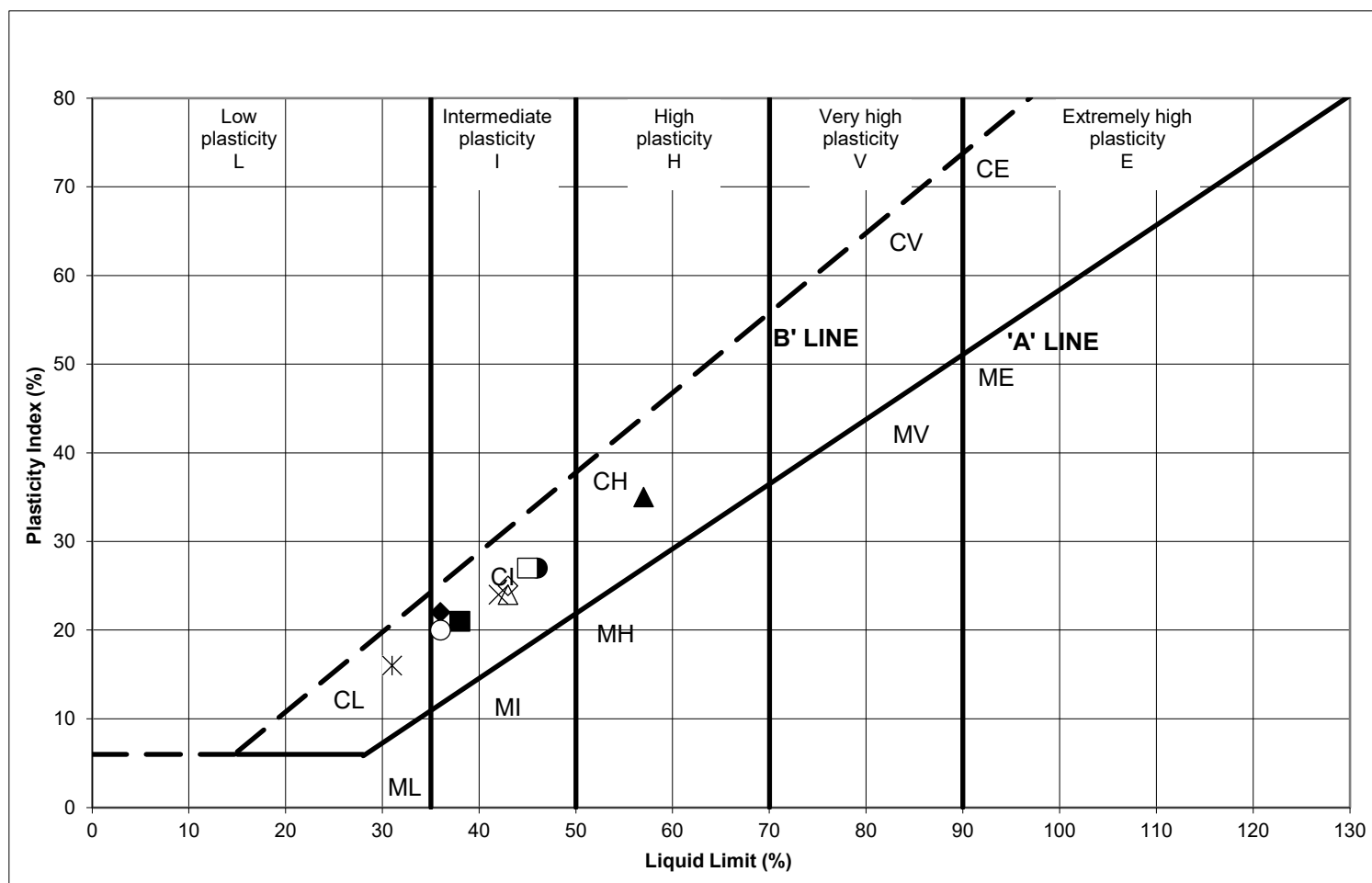
Date 08/03/2024

BOREHOLE	SAMPLE	DEPTH (m)	SAMPLE DESCRIPTION
BH01	U	2.70-3.15	Brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium.
BH01	U	4.70-5.15	Brown gravelly very sandy CLAY. Gravel is fine to coarse.
BH02	U	1.20-1.65	Brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium.
BH02	U	3.00-3.45	Brown slightly gravelly very sandy CLAY. Gravel is fine to medium.
BH02	U	5.00-5.45	Brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium.
BH02	B	8.30-8.50	Brown slightly gravelly very sandy CLAY. Gravel is fine to coarse.
BH03	U	1.20-1.75	Brown slightly gravelly sandy CLAY. Gravel is fine.
BH03	U	3.00-3.60	Brown slightly gravelly sandy CLAY. Gravel is fine.
BH04	U	3.00-3.80	Brown slightly gravelly very sandy CLAY. Gravel is fine.
BH05	U	3.00-3.70	Brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium.
BH05	U	4.00-4.70	Brown slightly gravelly very sandy CLAY. Gravel is fine to medium.

SUMMARY OF SAMPLE DESCRIPTIONS

Tested in accordance with BS 1377 - 2 : 2022 : Clause 4.1

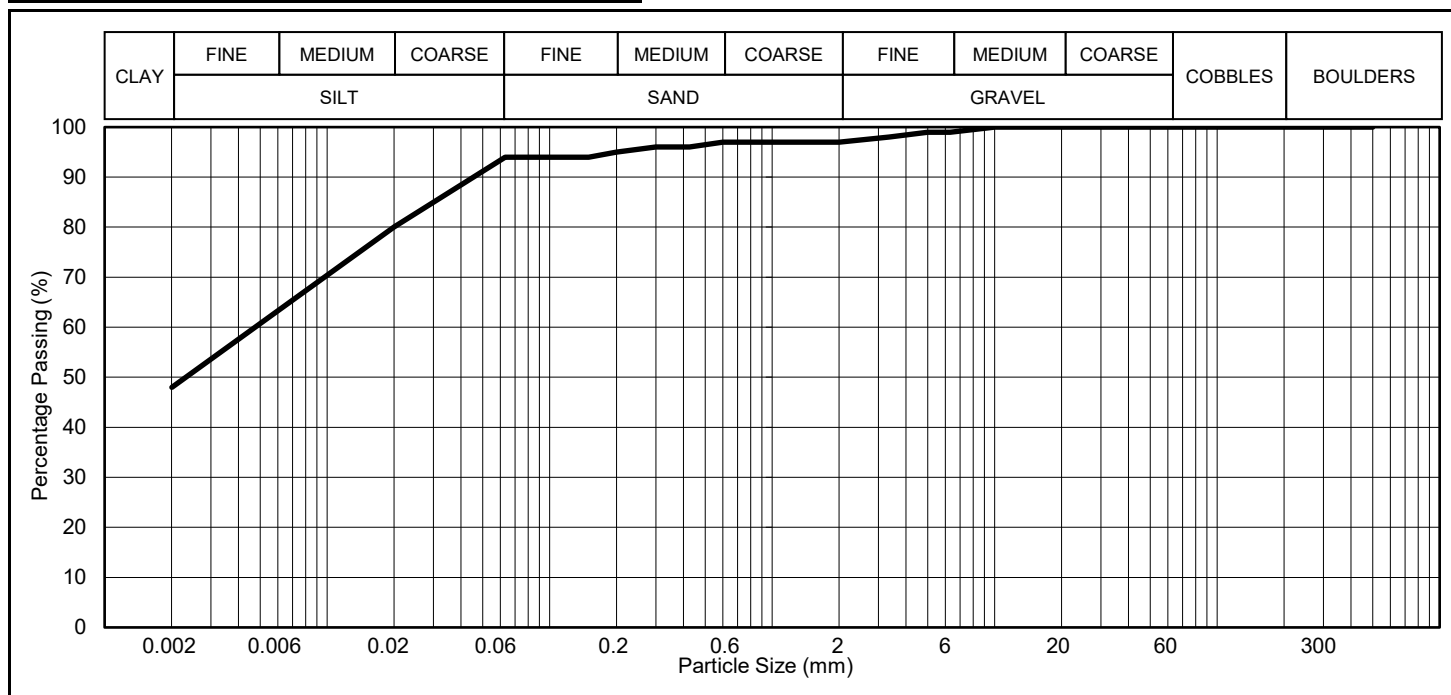
Certificate No. 24/269 - 01-1



All samples were tested in accordance with BS 1377 - 2 : 2022 : Clause 5.2 and 6
All samples were washed on a 0.425mm test sieve prior to test.

SUMMARY OF ATTERBERG LIMITS TEST RESULTS

Borehole	BH01
Sample	U
Depth (m)	2.70-3.15

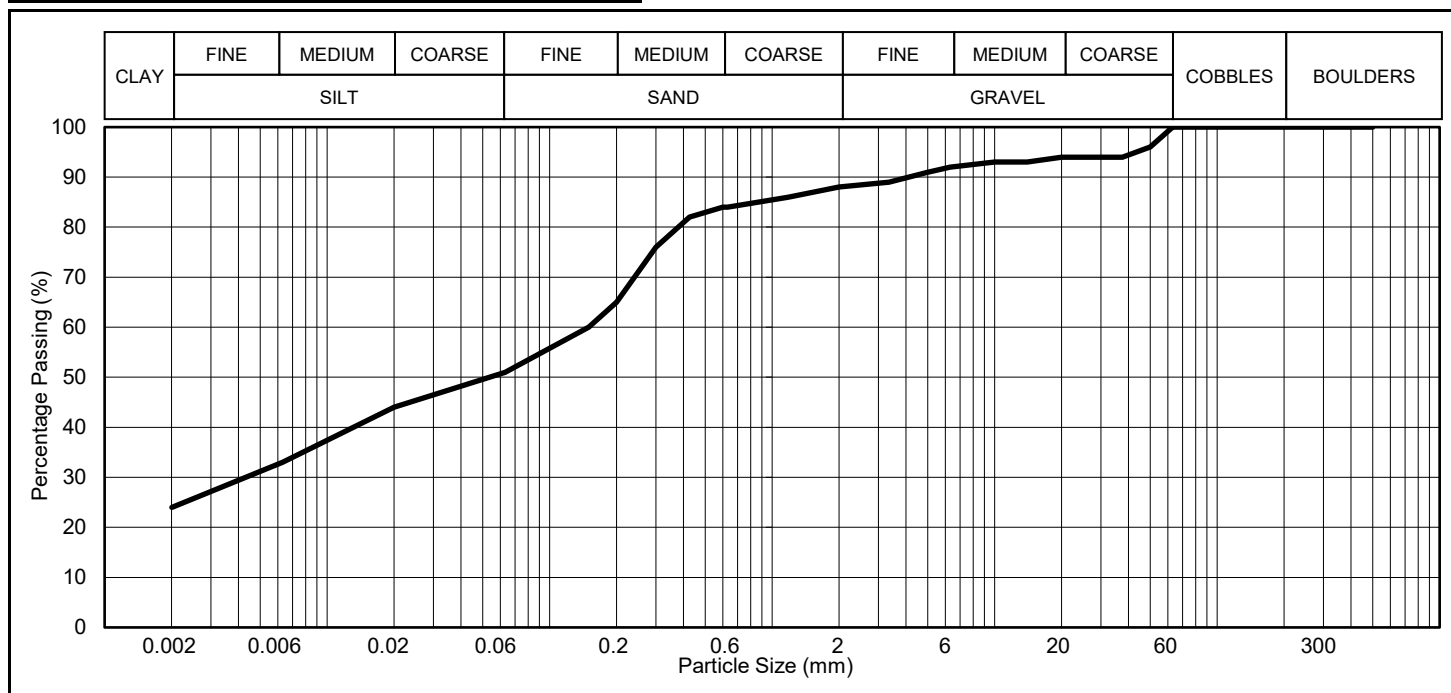


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)					
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)				
		Not Applicable							
		Lower %	Upper %						
500.0	100	-	-	0.0200	80				
300.0	100	-	-	0.0063	64				
125.0	100	-	-	0.0020	48				
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)					
75.0	100	-	-						
63.0	100	-	-						
50.0	100	-	-						
37.5	100	-	-						
28.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.					
20.0	100	-	-						
14.0	100	-	-						
10.0	100	-	-						
PERCENTAGE SOIL TYPES									
6.3	99	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES	
5.0	99	-	-						
3.350	98	-	-	48	46	3	3	0	
2.000	97	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)					
1.180	97	-	-						
0.630	97	-	-	D10		D60		Specification	
0.600	97	-	-						
0.425	96	-	-	-		-			
0.300	96	-	-	UNIFORMITY COEFFICIENT					-
0.200	95	-	-						
0.150	94	-	-						
0.063	94	-	-						

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH01
Sample	U
Depth (m)	4.70-5.15



SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200	44			
300.0	100	-	-	0.0063	33			
125.0	100	-	-	0.0020	24			
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	96	-	-	-				
37.5	94	-	-					
28.0	94	-	-					
20.0	94	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
14.0	93	-	-					
10.0	93	-	-					
6.3	92	-	-	PERCENTAGE SOIL TYPES				
5.0	91	-	-					
3.350	89	-	-					
2.000	88	-	-	CLAY	SILT ‡	SAND	GRAVEL	COBBLES
1.180	86	-	-	24	27	37	12	0
0.630	84	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
0.600	84	-	-					
0.425	82	-	-					
0.300	76	-	-	D10	D60		Specification	
0.200	65	-	-	-	-			
0.150	60	-	-	UNIFORMITY COEFFICIENT				-
0.063	51	-	-					

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

CLAY	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE	COBBLES	BOULDERS
SILT			SAND			GRAVEL					

Percentage Passing (%)

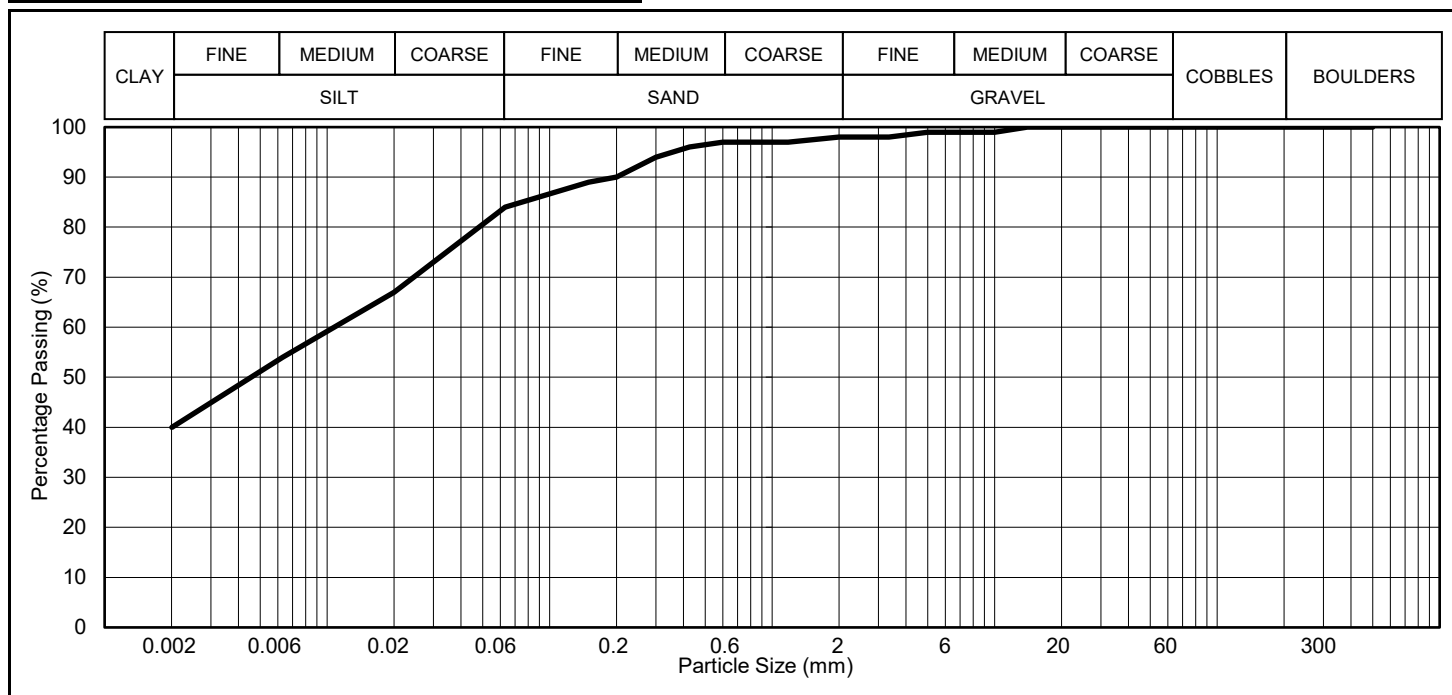
Particle Size (mm)

Particle Size (mm)	Percentage Passing (%)
0.002	52
0.006	68
0.02	82
0.06	94
0.2	94
0.6	95
2	96
6	97
20	98
60	99
300	100

Remarks

† Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH02
Sample	U
Depth (m)	3.00-3.45

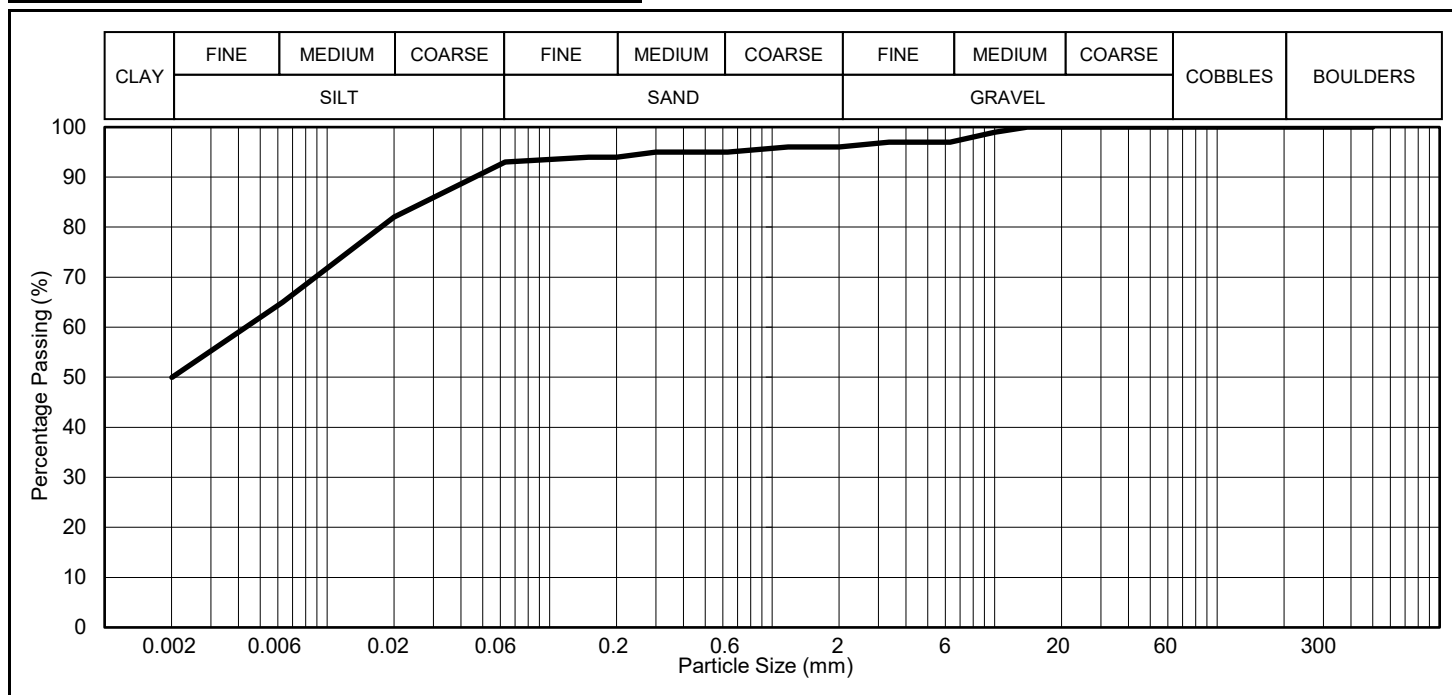


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)					
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)				
		Not Applicable							
		Lower %	Upper %						
500.0	100	-	-	0.0200	67				
300.0	100	-	-	0.0063	54				
125.0	100	-	-	0.0020	40				
90.0	100	-	-						
75.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)					
63.0	100	-	-	-					
50.0	100	-	-						
37.5	100	-	-						
28.0	100	-	-						
20.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.					
14.0	100	-	-						
10.0	99	-	-	PERCENTAGE SOIL TYPES					
6.3	99	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES	
5.0	99	-	-						
3.350	98	-	-	40	44	14	2	0	
2.000	98	-	-						
1.180	97	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)					
0.630	97	-	-	D10		D60		Specification	
0.600	97	-	-						
0.425	96	-	-	-		-			
0.300	94	-	-	UNIFORMITY COEFFICIENT					-
0.200	90	-	-						
0.150	89	-	-						
0.063	84	-	-						

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH02
Sample	U
Depth (m)	5.00-5.45

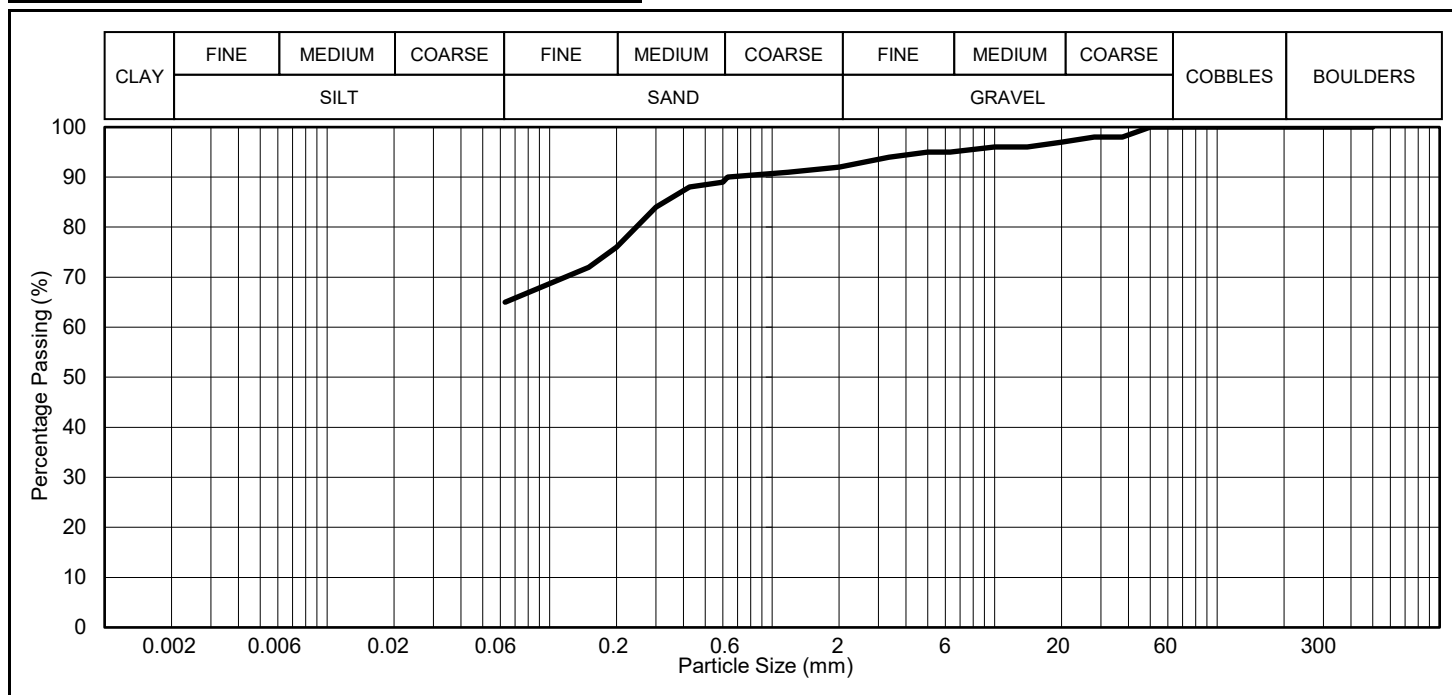


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)					
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)				
		Not Applicable							
		Lower %	Upper %						
500.0	100	-	-	0.0200	82				
300.0	100	-	-	0.0063	65				
125.0	100	-	-	0.0020	50				
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)					
75.0	100	-	-						
63.0	100	-	-						
50.0	100	-	-						
37.5	100	-	-						
28.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.					
20.0	100	-	-						
14.0	100	-	-						
10.0	99	-	-						
6.3	97	-	-	PERCENTAGE SOIL TYPES					
5.0	97	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES	
3.350	97	-	-	50	43	3	4	0	
2.000	96	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)					
1.180	96	-	-						
0.630	95	-	-	D10		D60		Specification	
0.600	95	-	-	-		-			
0.425	95	-	-	UNIFORMITY COEFFICIENT		-			-
0.300	95	-	-						
0.200	94	-	-						
0.150	94	-	-						
0.063	93	-	-						

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH02
Sample	B
Depth (m)	8.30-8.50

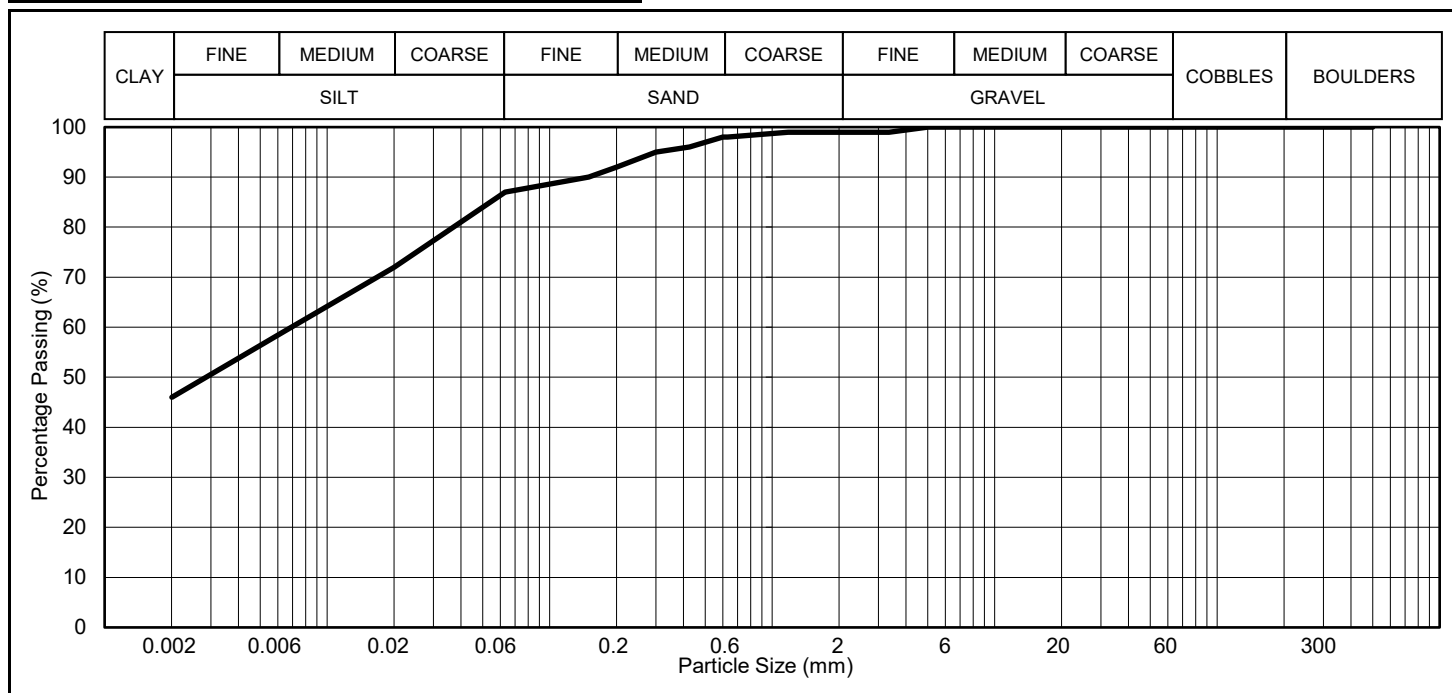


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200				
300.0	100	-	-	0.0063				
125.0	100	-	-	0.0020				
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	100	-	-					
37.5	98	-	-					
28.0	98	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
20.0	97	-	-					
14.0	96	-	-					
10.0	96	-	-					
6.3	95	-	-	PERCENTAGE SOIL TYPES				
5.0	95	-	-					
3.350	94	-	-	CLAY	SILT ‡	SAND	GRAVEL	COBBLES
2.000	92	-	-	/	65	27	8	0
1.180	91	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
0.630	90	-	-					
0.600	89	-	-	D10		D60		Specification
0.425	88	-	-	-		-		
0.300	84	-	-	UNIFORMITY COEFFICIENT				-
0.200	76	-	-					
0.150	72	-	-					
0.063	65	-	-					

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH03
Sample	U
Depth (m)	1.20-1.50

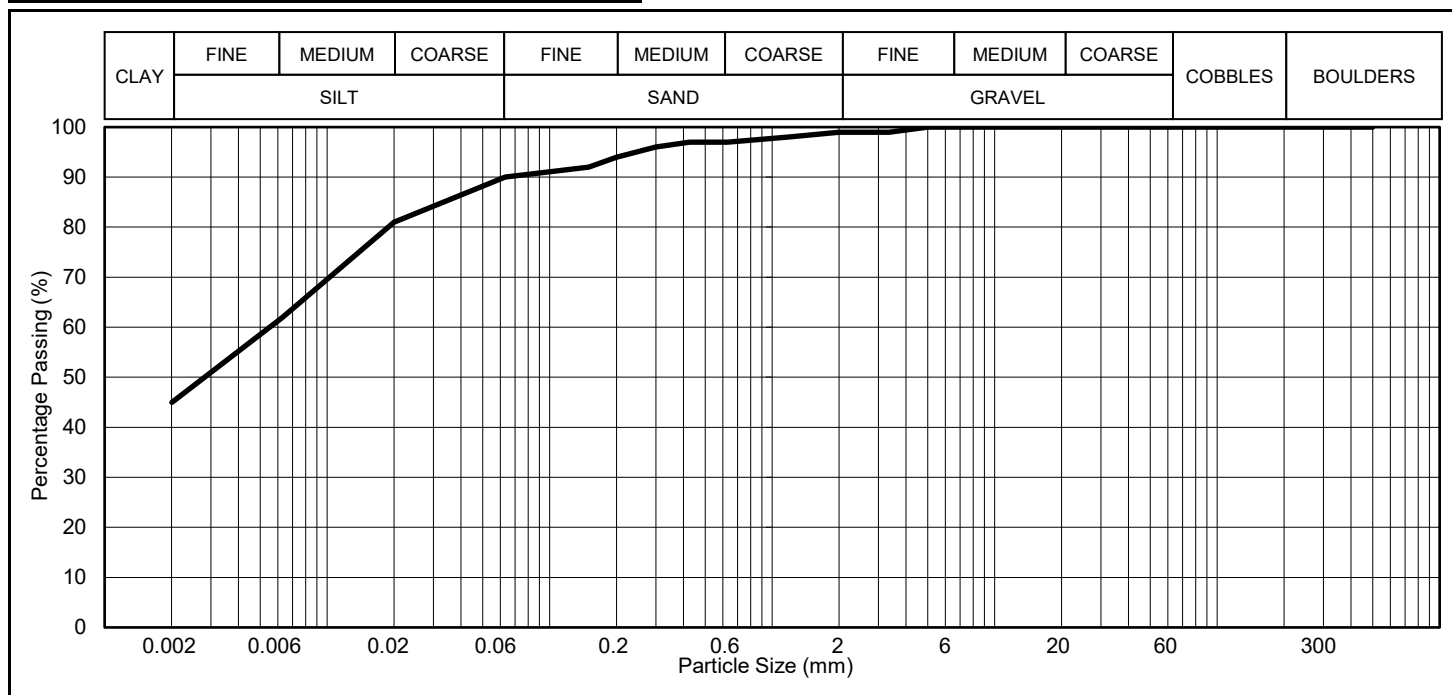


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200	72			
300.0	100	-	-	0.0063	59			
125.0	100	-	-	0.0020	46			
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	100	-	-					
37.5	100	-	-					
28.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
20.0	100	-	-					
14.0	100	-	-					
10.0	100	-	-					
6.3	100	-	-					
5.0	100	-	-	PERCENTAGE SOIL TYPES				
				CLAY	SILT ƒ	SAND	GRAVEL	COBBLES
3.350	99	-	-	46	41	12	1	0
2.000	99	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
1.180	99	-	-					
0.630	98	-	-	D10		D60		Specification
0.600	98	-	-					
0.425	96	-	-	-		-		UNIFORMITY COEFFICIENT
0.300	95	-	-	-		-		
0.200	92	-	-	-		-		
0.150	90	-	-	-		-		
0.063	87	-	-	-		-		

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH03
Sample	U
Depth (m)	3.00-3.35

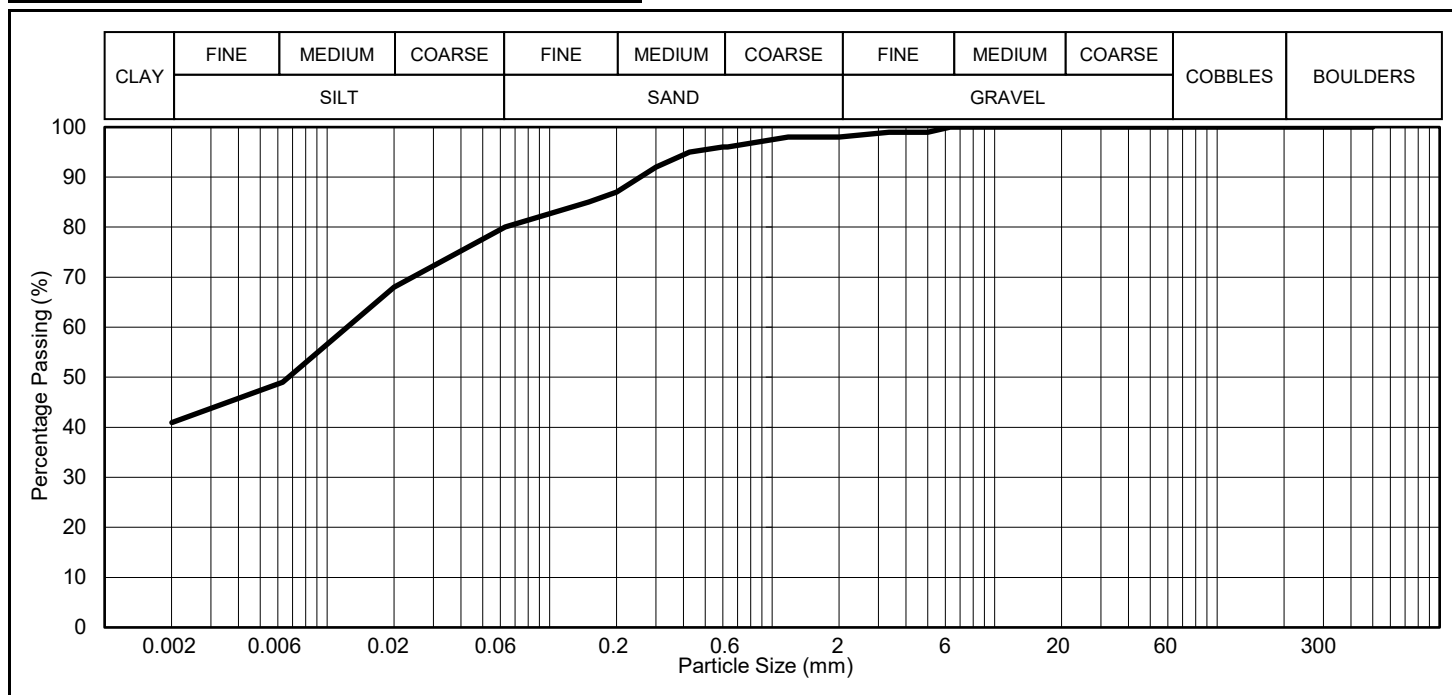


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200	81			
300.0	100	-	-	0.0063	62			
125.0	100	-	-	0.0020	45			
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	100	-	-					
37.5	100	-	-					
28.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
20.0	100	-	-					
14.0	100	-	-					
10.0	100	-	-					
6.3	100	-	-	PERCENTAGE SOIL TYPES				
5.0	100	-	-					
3.350	99	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES
2.000	99	-	-	45	45	9	1	0
1.180	98	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
0.630	97	-	-					
0.600	97	-	-	D10		D60		Specification
0.425	97	-	-					
0.300	96	-	-	UNIFORMITY COEFFICIENT				-
0.200	94	-	-					
0.150	92	-	-					
0.063	90	-	-					

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH04
Sample	U
Depth (m)	3.00-3.50

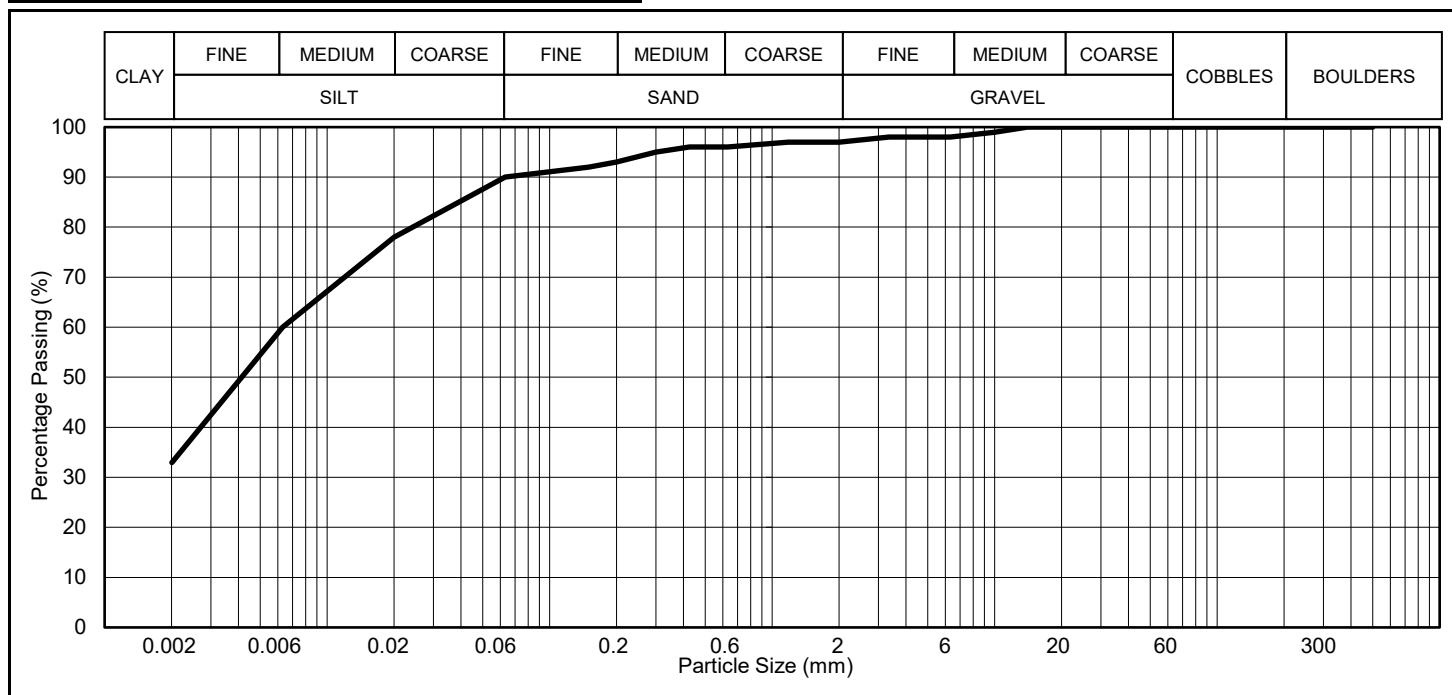


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200	68			
300.0	100	-	-	0.0063	49			
125.0	100	-	-	0.0020	41			
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
37.5	100	-	-					
28.0	100	-	-					
20.0	100	-	-					
14.0	100	-	-	PERCENTAGE SOIL TYPES				
10.0	100	-	-					
6.3	100	-	-					
5.0	99	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES
3.350	99	-	-	41	39	18	2	0
2.000	98	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
1.180	98	-	-					
0.630	96	-	-					
0.600	96	-	-	D10	D60		Specification	
0.425	95	-	-	-	-			
0.300	92	-	-	UNIFORMITY COEFFICIENT				-
0.200	87	-	-					
0.150	85	-	-					
0.063	80	-	-					

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

Borehole	BH05
Sample	U
Depth (m)	3.00-3.40

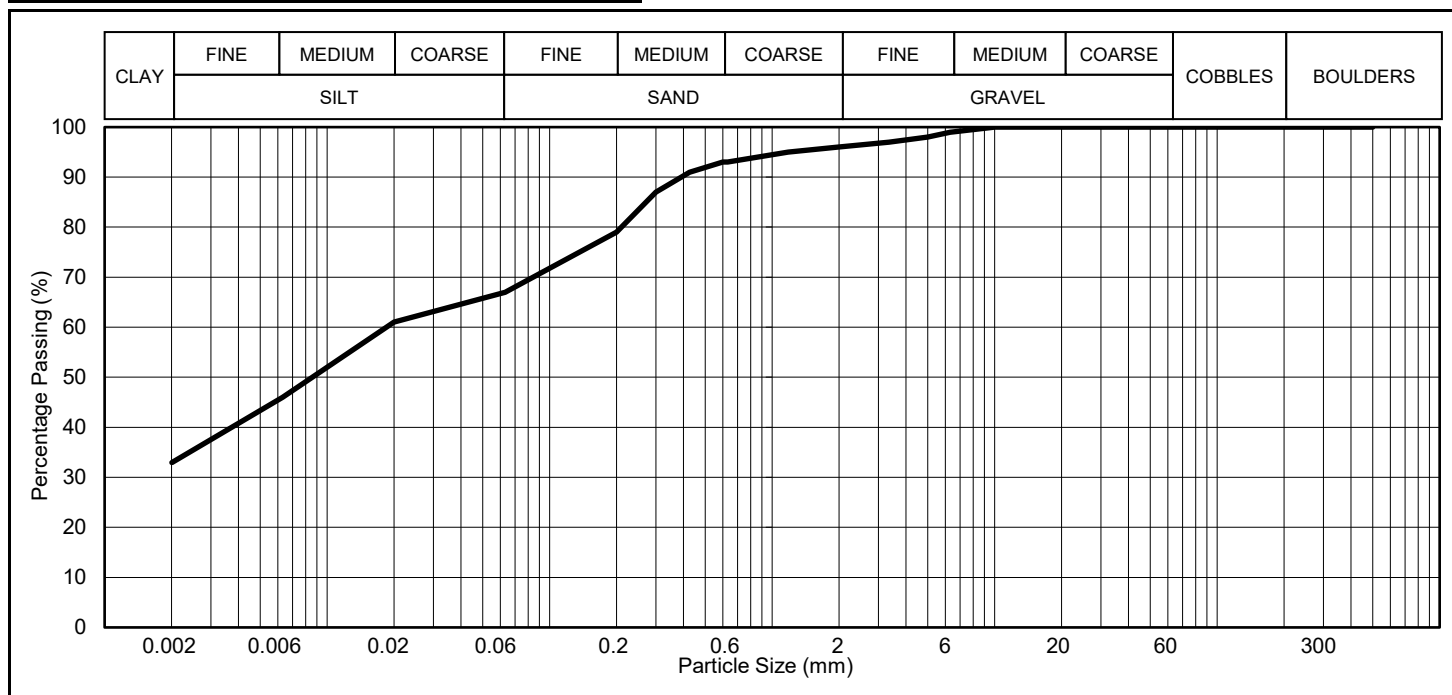


SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)					
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)				
		Not Applicable							
		Lower %	Upper %						
500.0	100	-	-	0.0200	78				
300.0	100	-	-	0.0063	60				
125.0	100	-	-	0.0020	33				
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)					
75.0	100	-	-						
63.0	100	-	-						
50.0	100	-	-						
37.5	100	-	-						
28.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.					
20.0	100	-	-						
14.0	100	-	-						
10.0	99	-	-						
6.3	98	-	-	PERCENTAGE SOIL TYPES					
5.0	98	-	-						
3.350	98	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES	
2.000	97	-	-	33	57	7	3	0	
1.180	97	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)					
0.630	96	-	-						
0.600	96	-	-	D10		D60		Specification	
0.425	96	-	-	-		-			
0.300	95	-	-	UNIFORMITY COEFFICIENT					-
0.200	93	-	-						
0.150	92	-	-						
0.063	90	-	-						

Remarks

† Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns

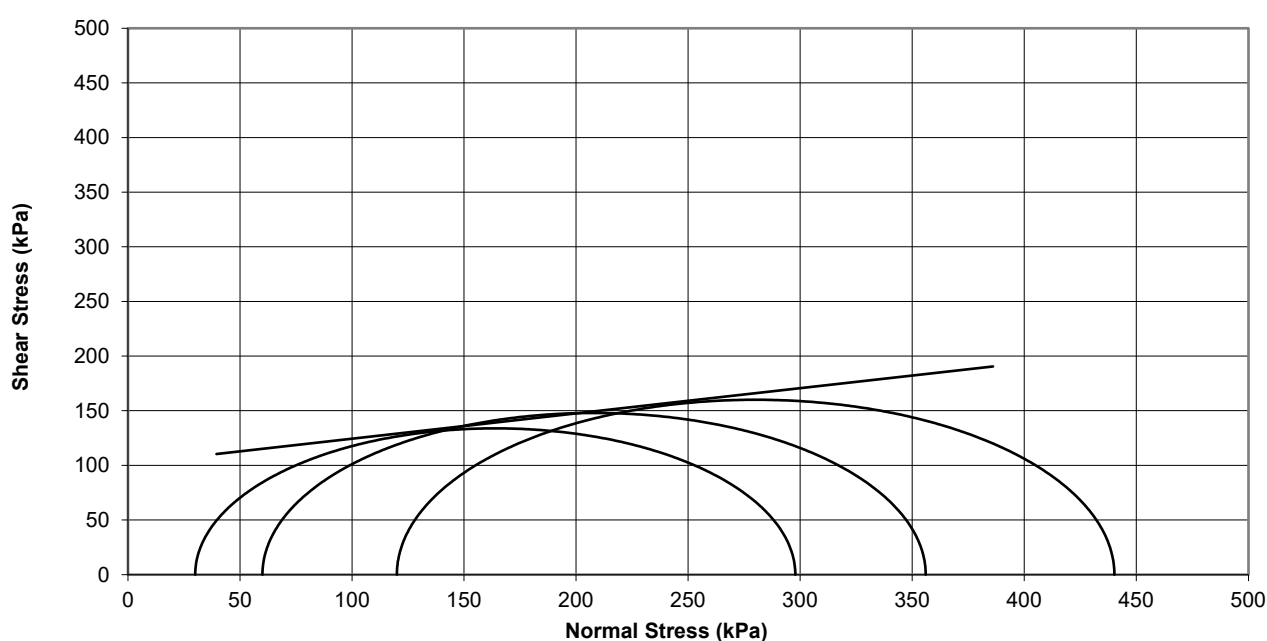
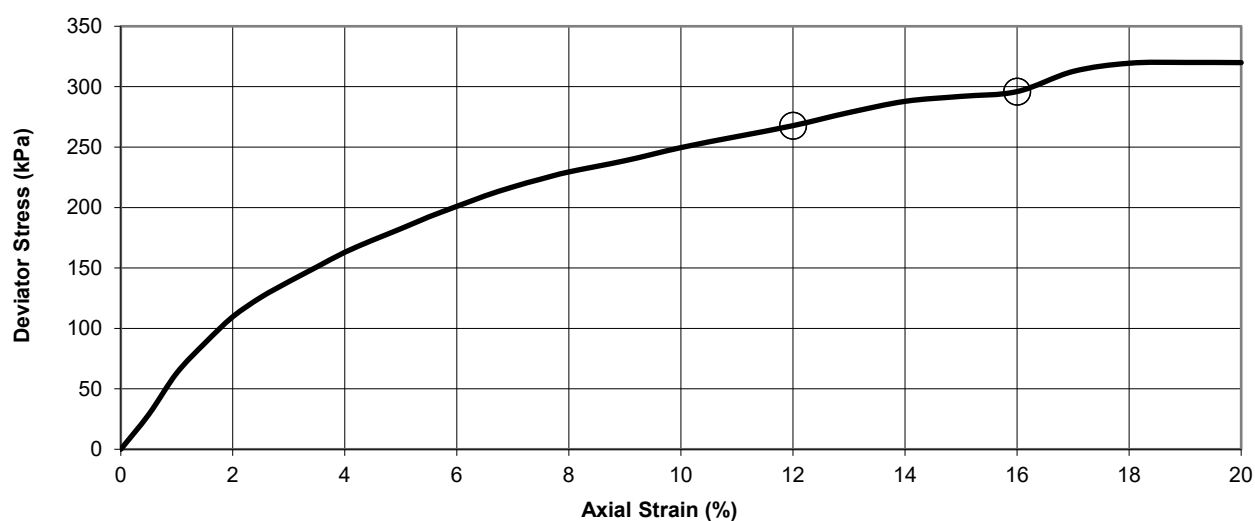
Borehole	BH05
Sample	U
Depth (m)	4.00-4.40



SIEVING				SEDIMENTATION (Assumed ps of 2.65Mg/m³)				
Sieve Size (mm)	Percentage Passing (%)	Specification		Particle Size (mm)	Percentage Passing (%)			
		Not Applicable						
		Lower %	Upper %					
500.0	100	-	-	0.0200	61			
300.0	100	-	-	0.0063	46			
125.0	100	-	-	0.0020	33			
90.0	100	-	-	GRADING CLASSIFICATION (SHW TABLE 6/2)				
75.0	100	-	-					
63.0	100	-	-					
50.0	100	-	-	Grading classification proves the material has met the relevant grading requirements only. Further testing may be required to assess compliance with SHW.				
37.5	100	-	-					
28.0	100	-	-					
20.0	100	-	-					
14.0	100	-	-	PERCENTAGE SOIL TYPES				
10.0	100	-	-					
6.3	99	-	-					
5.0	98	-	-	CLAY	SILT ƒ	SAND	GRAVEL	COBBLES
3.350	97	-	-	33	34	29	4	0
2.000	96	-	-	UNIFORMITY COEFFICIENT (SHW TABLE 6/1 NOTE 5)				
1.180	95	-	-					
0.630	93	-	-	D10		D60		Specification
0.600	93	-	-	-		-		
0.425	91	-	-	UNIFORMITY COEFFICIENT				
0.300	87	-	-					
0.200	79	-	-					
0.150	76	-	-					
0.063	67	-	-					

Remarks

‡ Where a sedimentation test was not carried out, this figure represents total fines, i.e., particles of diameter less than 63 microns



Failure Conditions				
Cell pressure	kPa	30	60	120
Membrane correction	kPa	0.5	0.6	0.7
Strain at failure	%	12.0	16.0	19.0
Failure Type		Plastic	Plastic	Plastic
Corrected deviator stress	kPa	268	296	320
Undrained shear stress	kPa	134	148	160

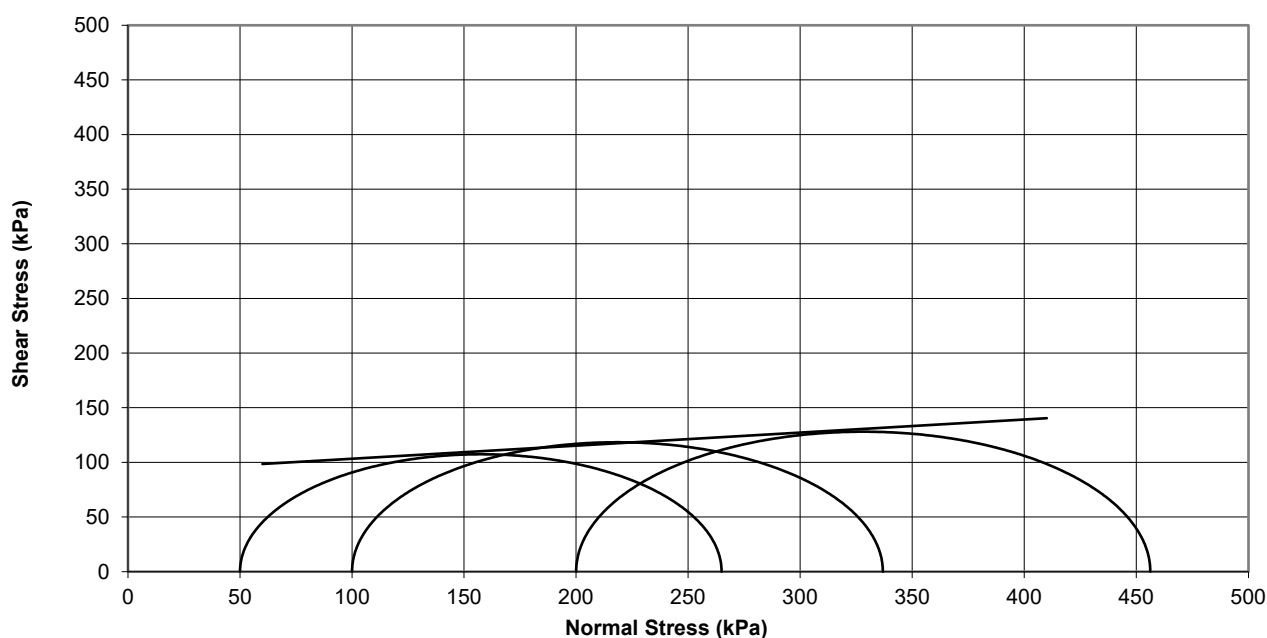
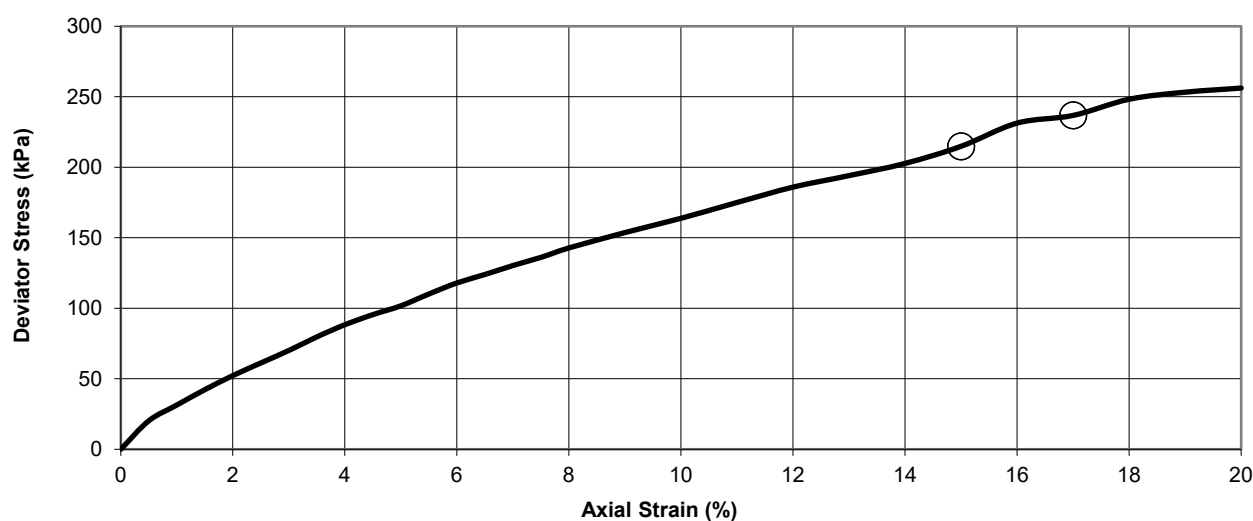
Cohesion	kPa	101.4	Friction Angle	°	13.0
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Initial Conditions					Borehole BH01 Sample U Depth (m) 2.70-3.15
Sample length	mm	198.88	Rate of strain	%/min	
Sample diameter	mm	103.00	Bulk Density	Mg/m ³	
Membrane type	Latex		Dry Density	Mg/m ³	
Membrane thickness	mm	0.20	Moisture Content	%	19

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	50	100	200
Membrane correction	kPa	0.6	0.7	0.7
Strain at failure	%	15.0	17.0	20.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	215	237	256
Undrained shear stress	kPa	107	118	128

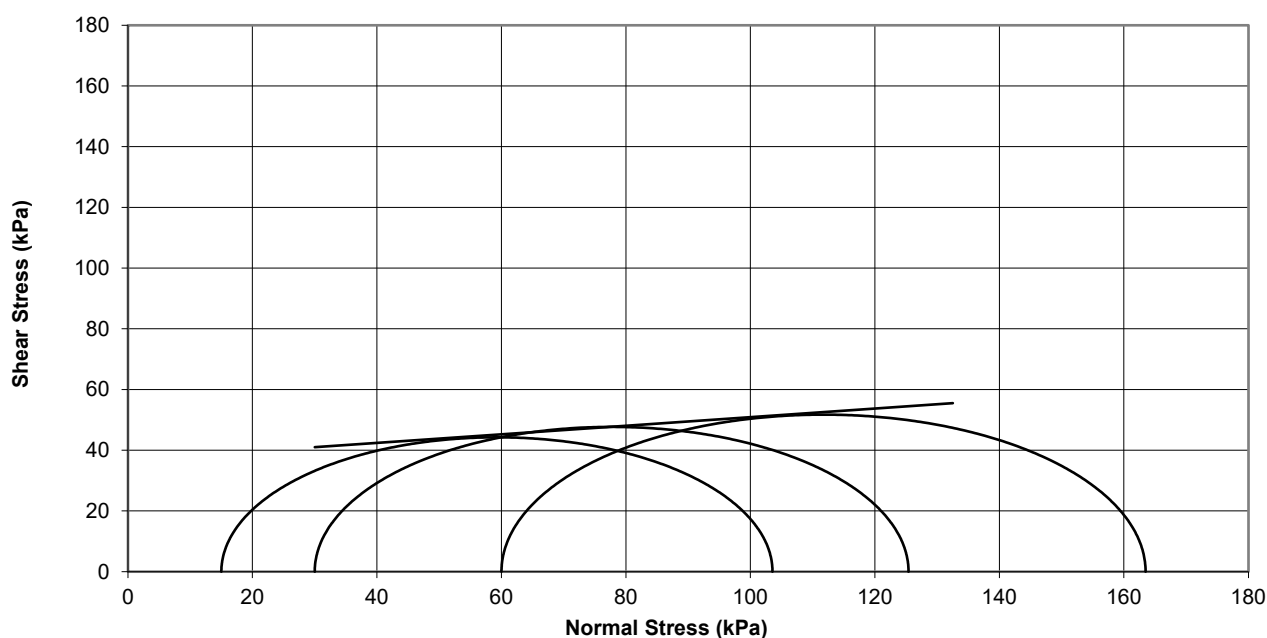
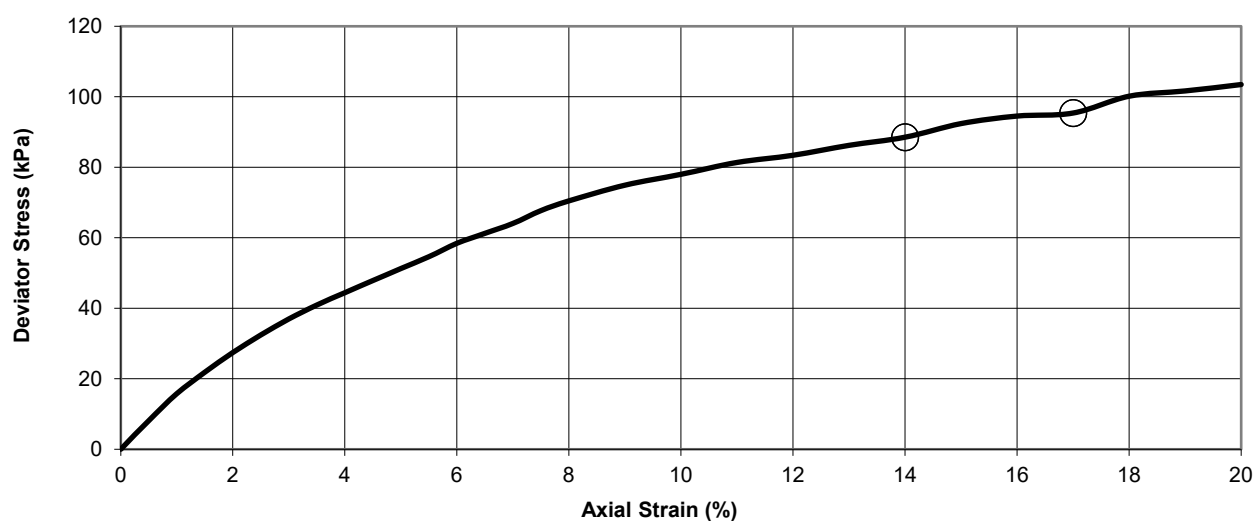
Cohesion	kPa	91.3	Friction Angle	°	6.8
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Initial Conditions					Borehole BH01 Sample U Depth (m) 4.70-5.15
Sample length	mm	209.46	Rate of strain	%/min	
Sample diameter	mm	103.84	Bulk Density	Mg/m ³	
Membrane type	Latex		Dry Density	Mg/m ³	
Membrane thickness	mm	0.20	Moisture Content	%	12

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	15	30	60
Membrane correction	kPa	0.6	0.7	0.7
Strain at failure	%	14.0	17.0	20.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	89	95	103
Undrained shear stress	kPa	44	48	52

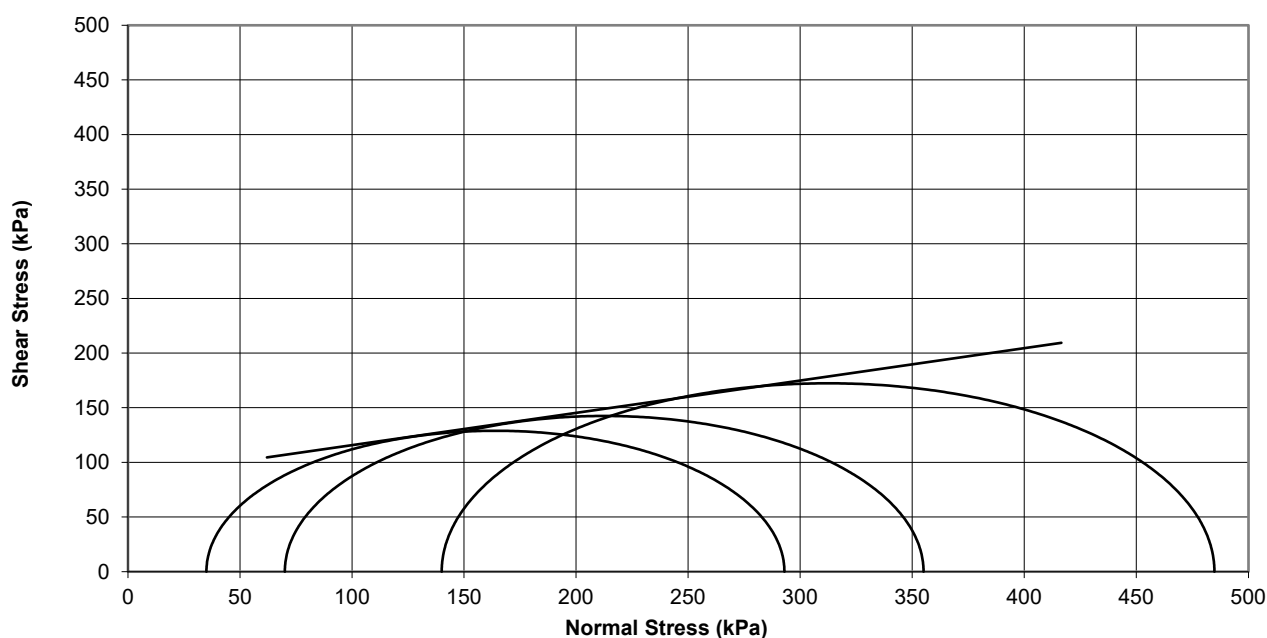
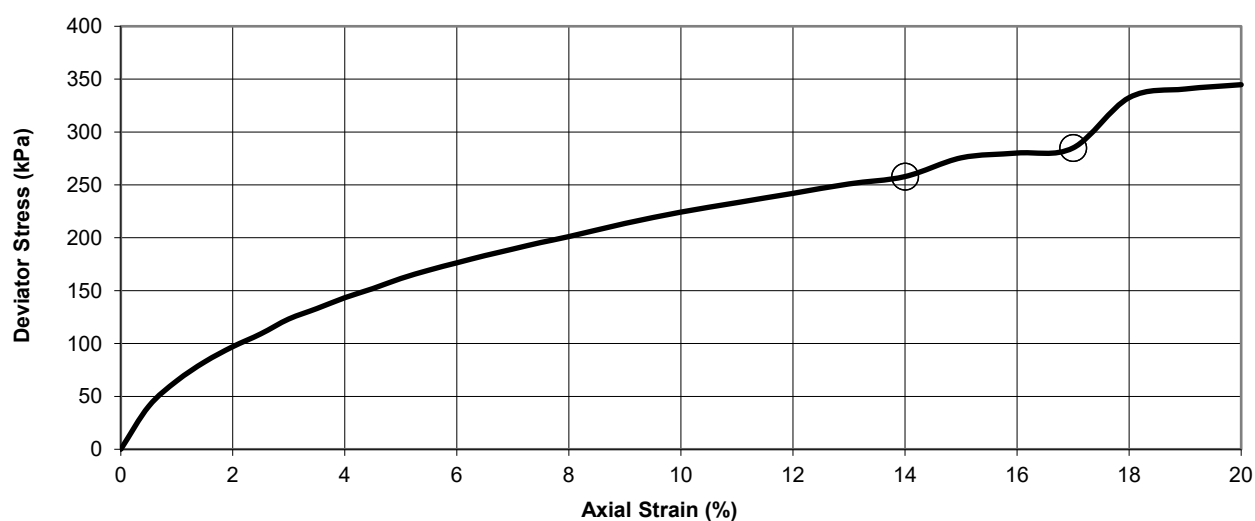
Cohesion	kPa	36.8	Friction Angle	°	8.1
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Initial Conditions					Borehole BH02 Sample U Depth (m) 1.20-1.65
Sample length	mm	209.06	Rate of strain	%/min	
Sample diameter	mm	102.62	Bulk Density	Mg/m ³	
Membrane type	Latex		Dry Density	Mg/m ³	
Membrane thickness	mm	0.20	Moisture Content	%	26

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	35	70	140
Membrane correction	kPa	0.6	0.7	0.7
Strain at failure	%	14.0	17.0	20.0
Failure Type		Plastic	Plastic	Plastic
Corrected deviator stress	kPa	258	285	345
Undrained shear stress	kPa	129	143	172

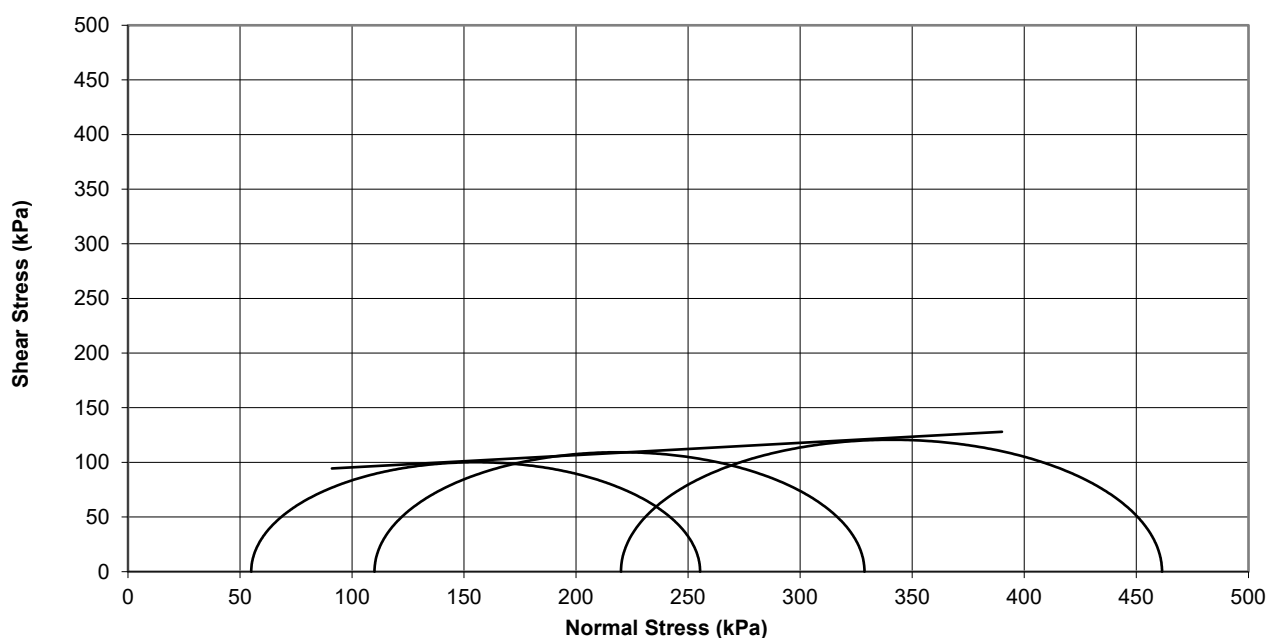
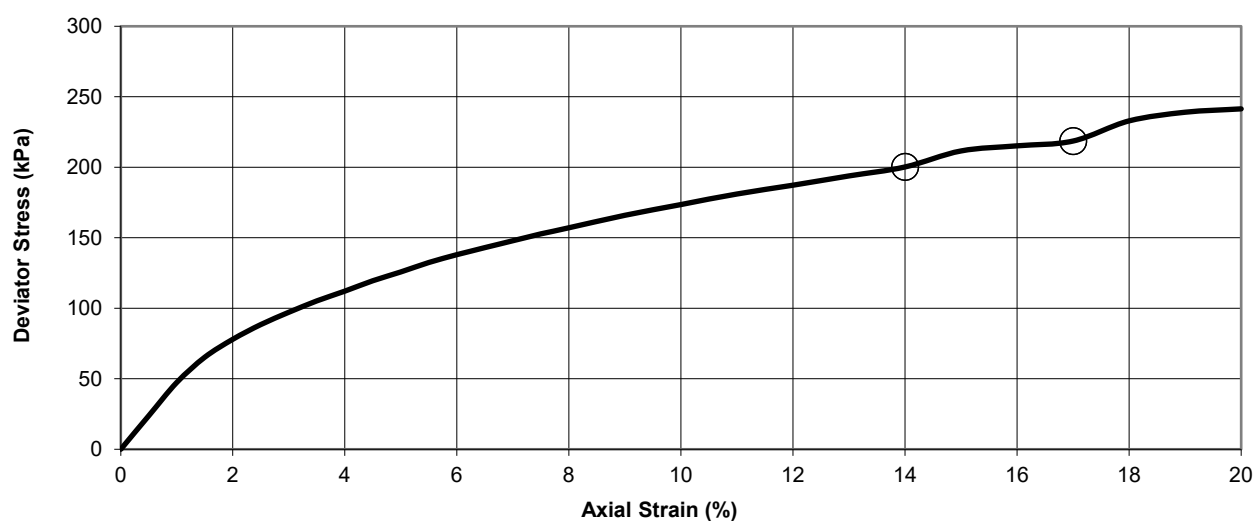
Cohesion	kPa	86.1	Friction Angle	°	16.5
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Initial Conditions					Borehole BH02 Sample U Depth (m) 3.00-3.45	
Sample length	mm	205.38	Rate of strain	%/min		2.0
Sample diameter	mm	102.93	Bulk Density	Mg/m ³		2.17
Membrane type		Latex	Dry Density	Mg/m ³		1.84
Membrane thickness	mm	0.20	Moisture Content	%	18	

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	55	110	220
Membrane correction	kPa	0.6	0.7	0.8
Strain at failure	%	14.0	17.0	20.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	200	219	241
Undrained shear stress	kPa	100	109	121

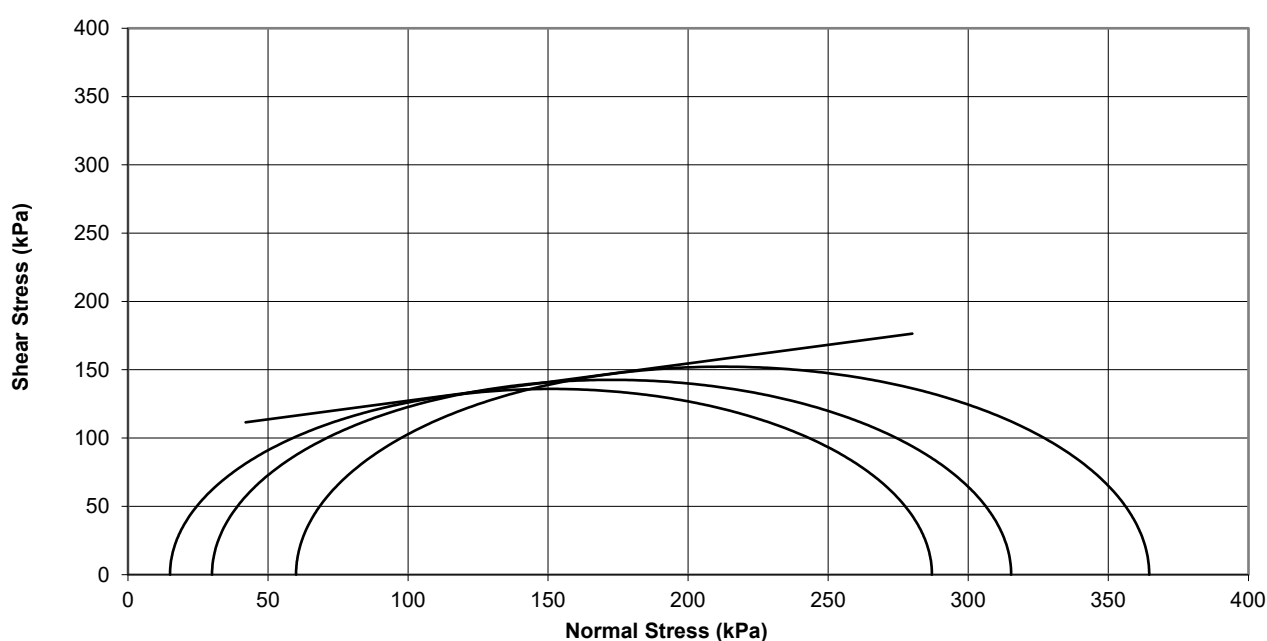
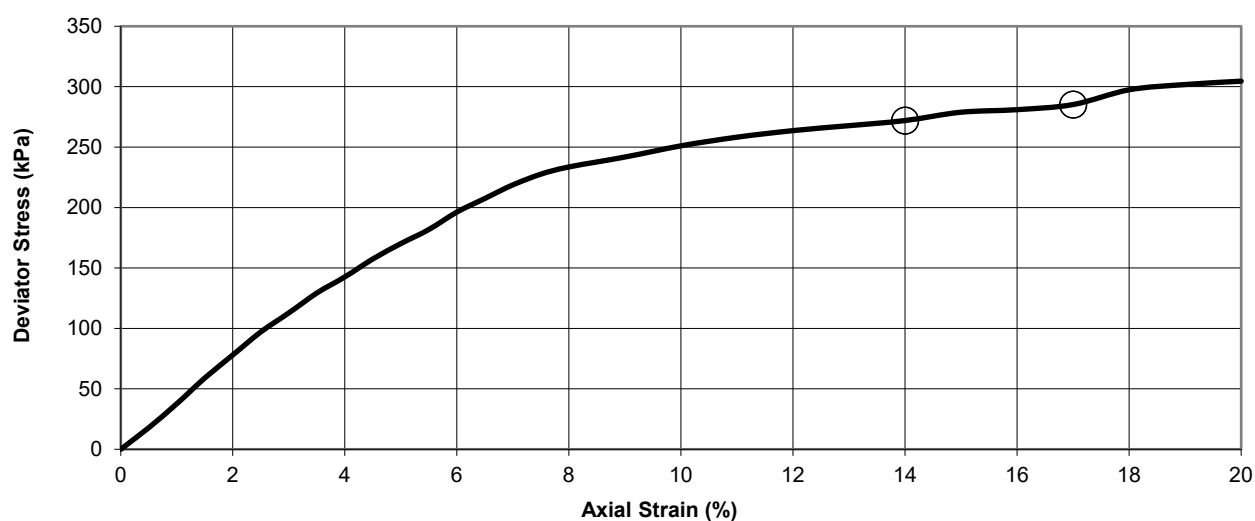
Cohesion	kPa	84.3	Friction Angle	°	6.4
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Initial Conditions					Borehole BH02 Sample U Depth (m) 5.00-5.45
Sample length	mm	201.20	Rate of strain	%/min	2.0
Sample diameter	mm	99.33	Bulk Density	Mg/m ³	2.19
Membrane type	Latex		Dry Density	Mg/m ³	1.82
Membrane thickness	mm	0.20	Moisture Content	%	20

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	15	30	60
Membrane correction	kPa	0.7	0.8	0.9
Strain at failure	%	14.0	17.0	20.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	272	285	305
Undrained shear stress	kPa	136	143	152

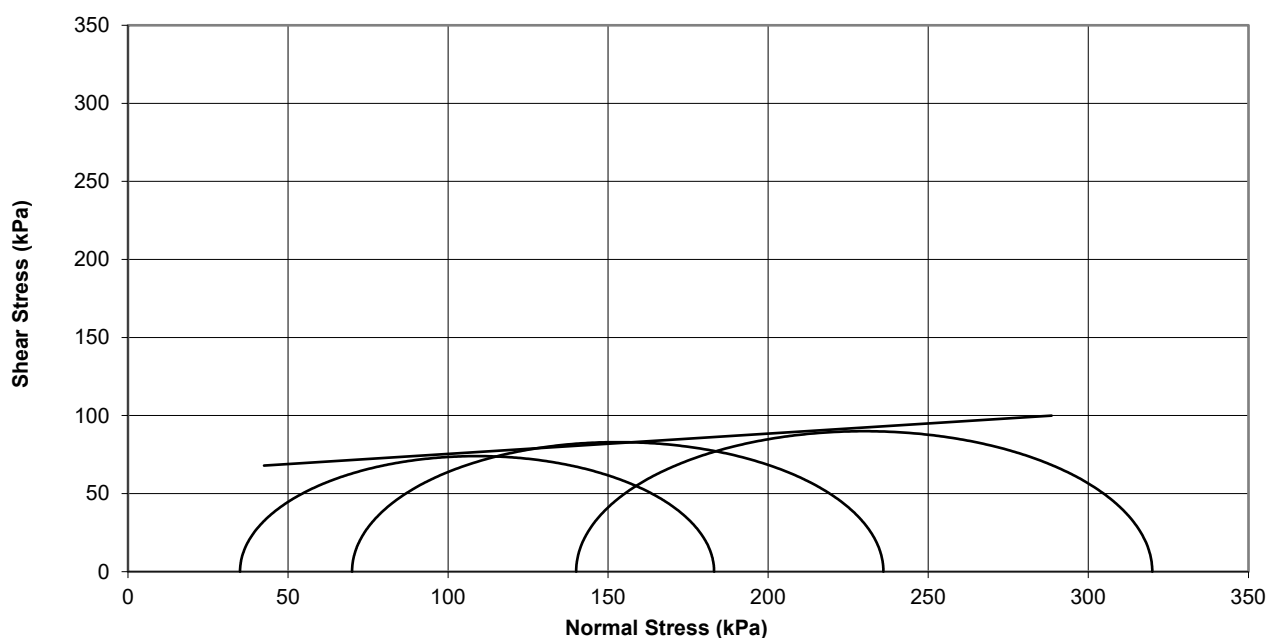
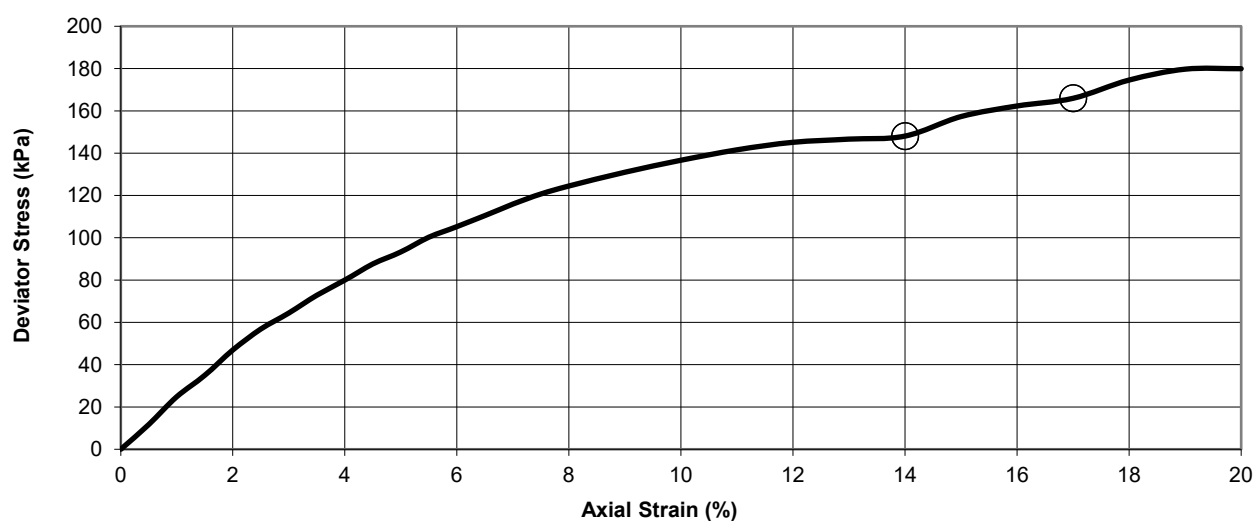
Cohesion	kPa	100.0	Friction Angle	°	15.3
----------	-----	-------	----------------	---	------

Initial Conditions					Borehole BH03 Sample U Depth (m) 1.55
Sample length	mm	169.87	Rate of strain	%/min	2.0
Sample diameter	mm	81.98	Bulk Density	Mg/m ³	2.12
Membrane type	Latex		Dry Density	Mg/m ³	1.78
Membrane thickness	mm	0.20	Moisture Content	%	19

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	35	70	140
Membrane correction	kPa	0.9	1.1	1.2
Strain at failure	%	14.0	17.0	20.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	148	166	180
Undrained shear stress	kPa	74	83	90

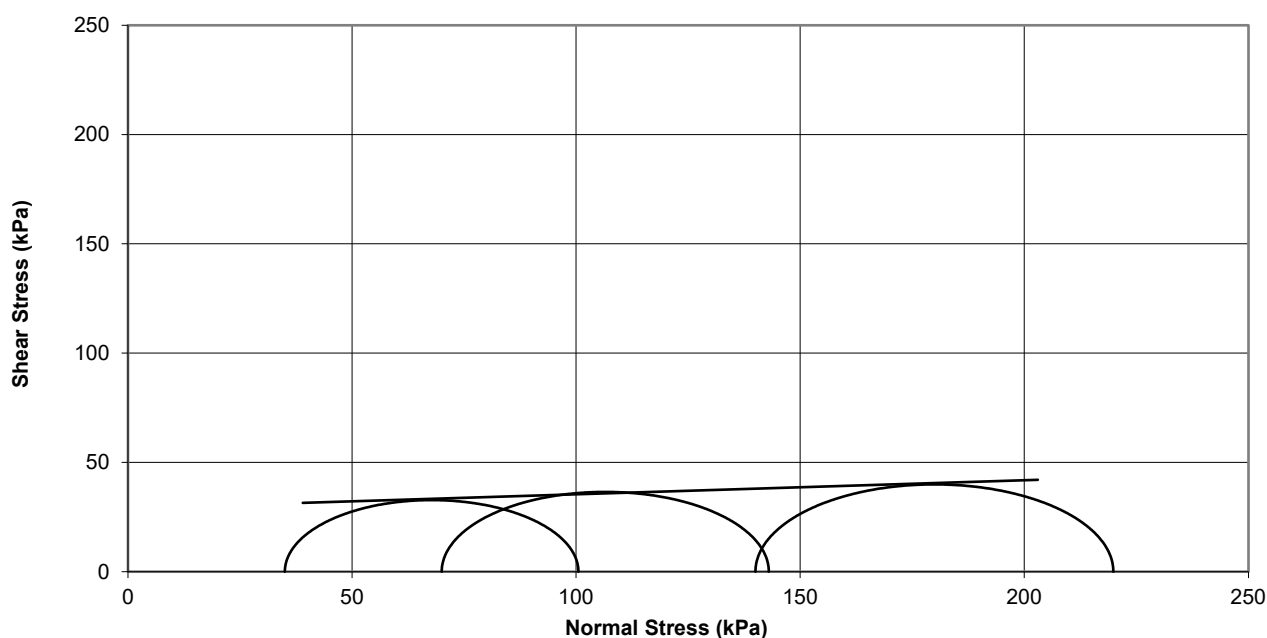
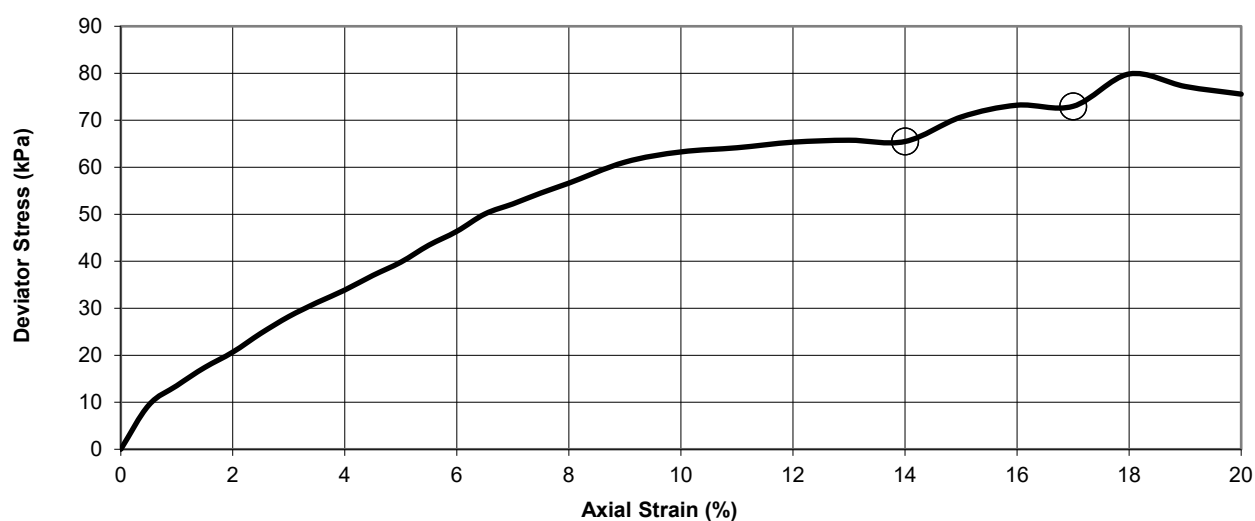
Cohesion	kPa	62.5	Friction Angle	°	7.4
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Initial Conditions					Borehole BH03 Sample U Depth (m) 3.40
Sample length	mm	130.72	Rate of strain	%/min	2.0
Sample diameter	mm	64.40	Bulk Density	Mg/m ³	1.98
Membrane type	Latex		Dry Density	Mg/m ³	1.64
Membrane thickness	mm	0.20	Moisture Content	%	21

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	35	70	140
Membrane correction	kPa	0.8	0.9	0.9
Strain at failure	%	14.0	17.0	18.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	65	73	80
Undrained shear stress	kPa	33	36	40

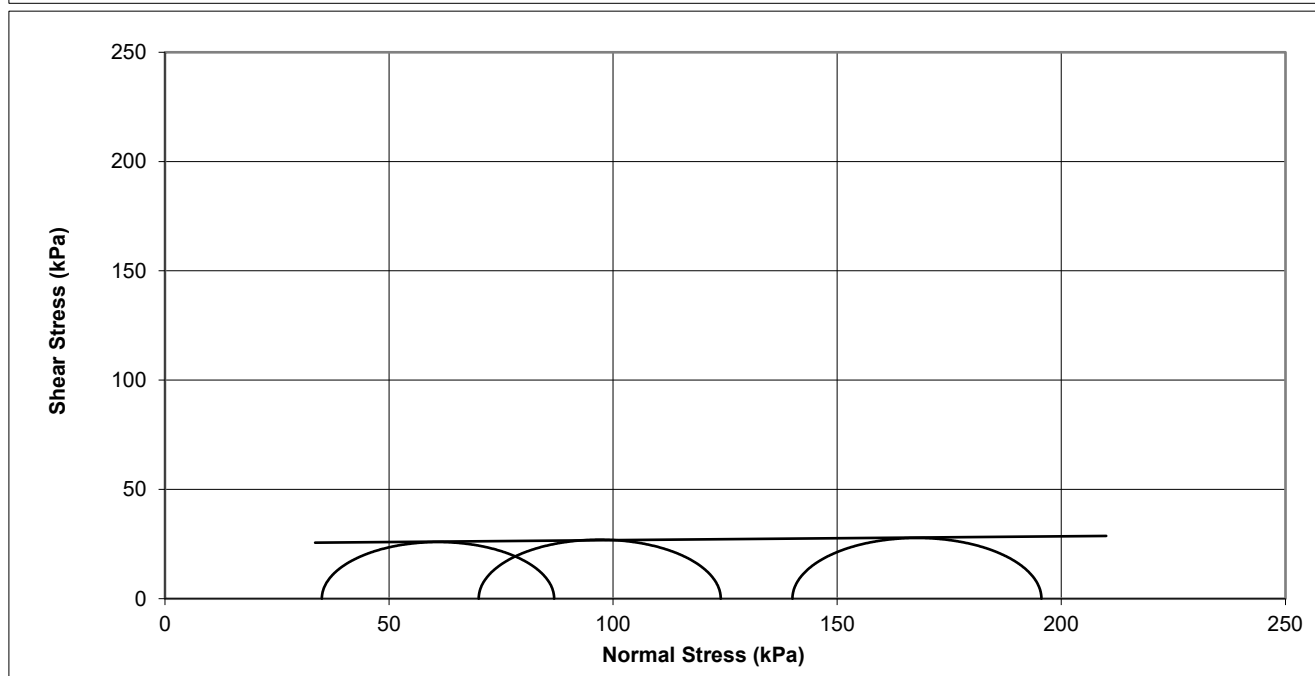
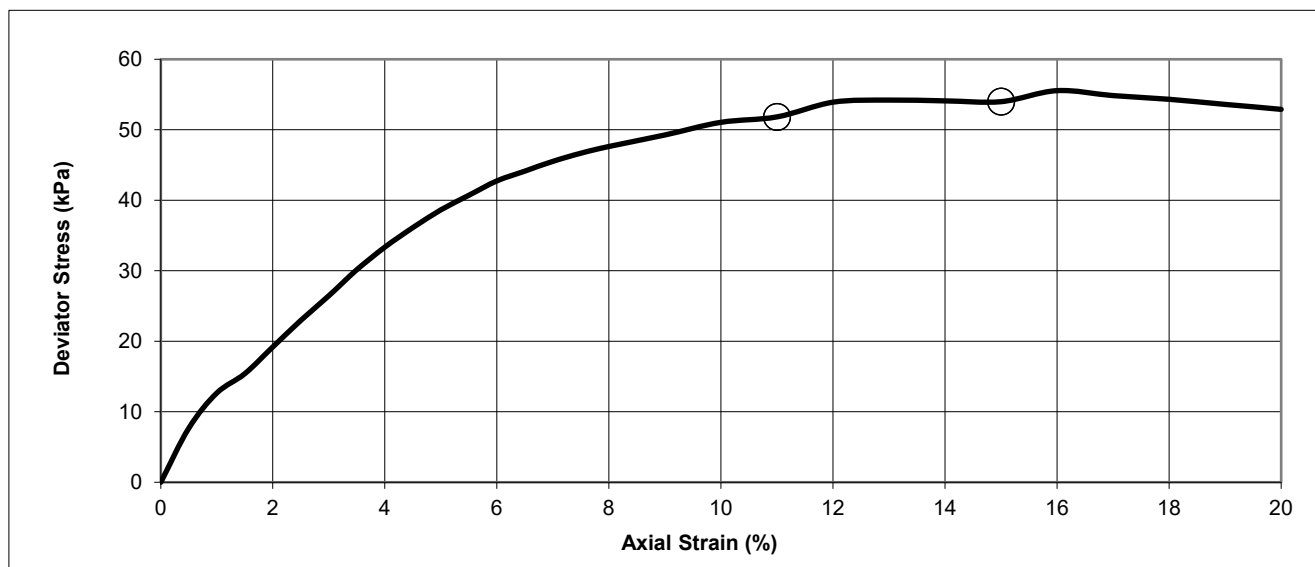
Cohesion	kPa	29.0	Friction Angle	°	3.7
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Initial Conditions					Borehole	BH04	
Sample length	mm	146.52	Rate of strain	%/min			2.0
Sample diameter	mm	76.12	Bulk Density	Mg/m ³			1.95
Membrane type		Latex	Dry Density	Mg/m ³			1.55
Membrane thickness	mm	0.20	Moisture Content	%	25	Sample	U
						Depth (m)	3.60

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	35	70	140
Membrane correction	kPa	0.7	0.9	0.9
Strain at failure	%	11.0	15.0	16.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	52	54	56
Undrained shear stress	kPa	26	27	28

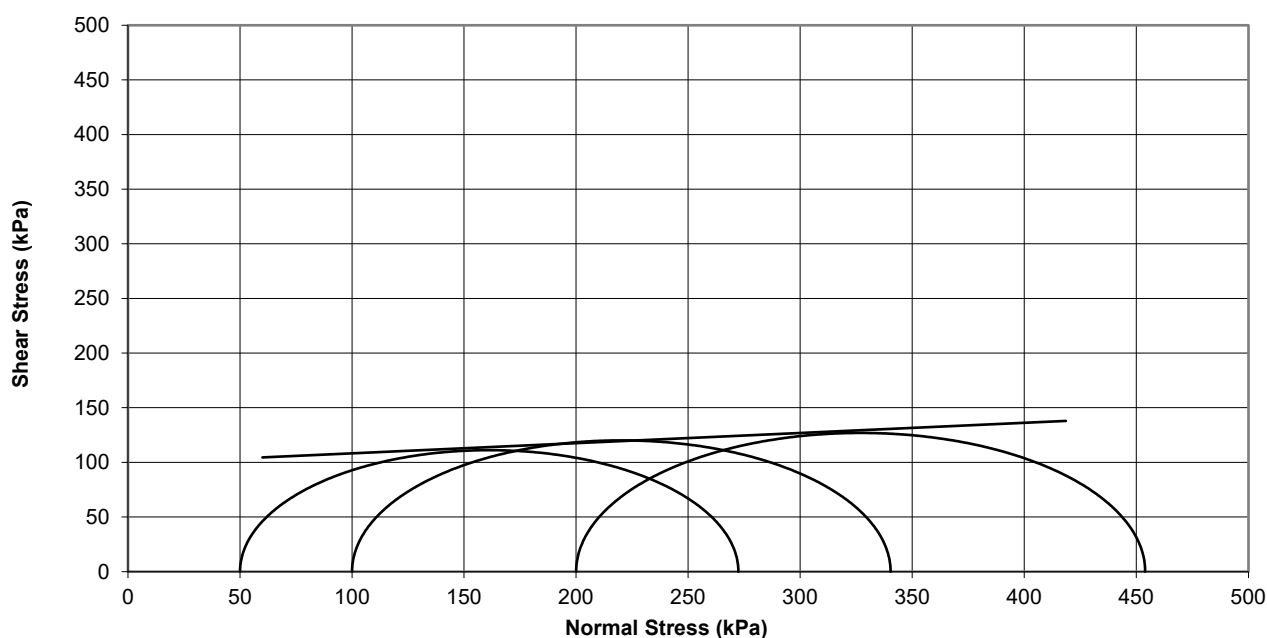
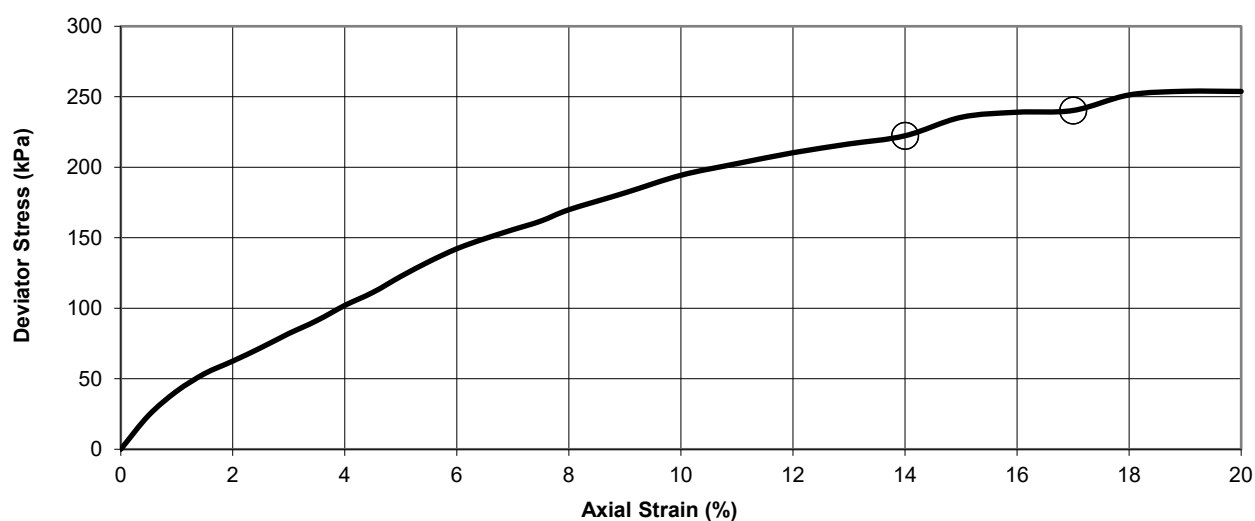
Cohesion	kPa	25.0	Friction Angle	°	1.0
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Initial Conditions						
Sample length	mm	146.34	Rate of strain	%/min	2.0	Borehole BH05
Sample diameter	mm	72.70	Bulk Density	Mg/m ³	2.08	Sample U
Membrane type	Latex		Dry Density	Mg/m ³	1.70	Depth (m) 3.50
Membrane thickness	mm	0.20	Moisture Content	%	22	

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990



Failure Conditions				
Cell pressure	kPa	50	100	200
Membrane correction	kPa	0.9	1.1	1.2
Strain at failure	%	14.0	17.0	19.0
Failure Type		Intermediate	Intermediate	Intermediate
Corrected deviator stress	kPa	222	240	254
Undrained shear stress	kPa	111	120	127

Cohesion	kPa	98.9	Friction Angle	°	5.3
----------	-----	------	----------------	---	-----

Initial Conditions					Borehole BH05 Sample U Depth (m) 4.50
Sample length	mm	124.65	Rate of strain	%/min	2.0
Sample diameter	mm	63.17	Bulk Density	Mg/m ³	2.16
Membrane type	Latex		Dry Density	Mg/m ³	1.89
Membrane thickness	mm	0.20	Moisture Content	%	14

Undisturbed sample, taken directly from the sample tube and retaining axial orientation

DETERMINATION OF MULTI STAGE UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

Tested in accordance with BS 1377 : Part 7 : 9.0 : 1990

Appendix 12

P20 Groundwater Modelling Results

Appendix 13

Gas Monitor Calibration Certificates

Appendix 14

HazWaste Online® Screening Report (June 2024)

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)



Y2CXX-6ANGA-CH2FC

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

Job name

P23-483 Moss Lane East, Manchester

Description/Comments

Project

Site

Classified by

Name: **Ian Cochrane**
 Date: **10 Jun 2024 11:08 GMT**
 Telephone: **0141 420 2025**
 Company: **Mason Evans**
The Piazza
95 Morrison Street
Glasgow
G5 8BE

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

1 - Back Office

Address of the waste

Post Code

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

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

Description of the waste

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	FP03	0.40	Non Hazardous		3
2	FP05	0.50-1.00	Non Hazardous		5
3	HP02	0.50	Hazardous	HP 7	8
4	BH01	0.50	Non Hazardous		11
5	BH01[2]	1.50	Non Hazardous		14
6	BH02	0.20	Non Hazardous		16
7	BH02[2]	0.50	Non Hazardous		18
8	BH03	0.50	Non Hazardous		20
9	BH03[2]	1.00	Non Hazardous		22
10	BH04	0.10	Non Hazardous		24
11	BH04[2]	1.00	Non Hazardous		26
12	BH05	0.50	Non Hazardous		28
13	BH05[2]	2.00	Non Hazardous		30

Related documents

#	Name	Description
1	Glasgow DETS	waste stream template used to create this Job

Report

Created by: Ian Cochrane

Created date: 10 Jun 2024 11:08 GMT

Appendices

	Page
Appendix A: Classifier defined and non GB MCL determinands	32
Appendix B: Rationale for selection of metal species	33
Appendix C: Version	34

Classification of sample: FP03

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

Sample details

Sample name:	LoW Code:
FP03	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.40 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				19 mg/kg	1.534	29.144 mg/kg	0.00291 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.6 mg/kg	23.173	13.904 mg/kg	0.00139 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.371 mg/kg	0.0000371 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23 mg/kg	1.462	33.616 mg/kg	0.00336 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				68 mg/kg	3.929	267.176 mg/kg	0.0267 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	490 mg/kg	1.56	764.309 mg/kg	0.049 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.63 mg/kg	1.353	0.853 mg/kg	0.0000853 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				27 mg/kg	1.546	41.75 mg/kg	0.00418 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				88 mg/kg	1.245	109.535 mg/kg	0.011 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				7.6 pH		7.6 pH	7.6 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								

#	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	naphthalene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		205-917-1	208-96-8							
17	acenaphthene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
		201-469-6	83-32-9							
18	fluorene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		201-695-5	86-73-7							
19	phenanthrene				4.7 mg/kg		4.7 mg/kg	0.00047 %		
		201-581-5	85-01-8							
20	anthracene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		204-371-1	120-12-7							
21	fluoranthene				4.3 mg/kg		4.3 mg/kg	0.00043 %		
		205-912-4	206-44-0							
22	pyrene				4.3 mg/kg		4.3 mg/kg	0.00043 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				1.9 mg/kg		1.9 mg/kg	0.00019 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				1.9 mg/kg		1.9 mg/kg	0.00019 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				0.9 mg/kg		0.9 mg/kg	0.00009 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		205-883-8	191-24-2							
31	PAHs (total)				26 mg/kg		26 mg/kg	0.0026 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.105 %		

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: FP05

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

Sample details

Sample name:	LoW Code:	
FP05	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)
0.50-1.00 m		
Moisture content:		
18%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				11 mg/kg	1.534	16.873 mg/kg	0.00169 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				<0.2 mg/kg	23.173	<4.635 mg/kg	<0.000463 %			<LOD
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.7 mg/kg	1.855	1.298 mg/kg	0.00013 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	29.231 mg/kg	0.00292 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				36 mg/kg	3.929	141.446 mg/kg	0.0141 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	98 mg/kg	1.56	152.862 mg/kg	0.0098 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				22 mg/kg	1.546	34.019 mg/kg	0.0034 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				180 mg/kg	1.245	224.049 mg/kg	0.0224 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				7.7 pH		7.7 pH	7.7 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				13.35 mg/kg		13.35 mg/kg	0.00134 %			
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		205-917-1	208-96-8							
17	acenaphthene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		201-469-6	83-32-9							
18	fluorene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		201-695-5	86-73-7							
19	phenanthrene				3 mg/kg		3 mg/kg	0.0003 %		
		201-581-5	85-01-8							
20	anthracene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
		204-371-1	120-12-7							
21	fluoranthene				2.8 mg/kg		2.8 mg/kg	0.00028 %		
		205-912-4	206-44-0							
22	pyrene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				1 mg/kg		1 mg/kg	0.0001 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		205-883-8	191-24-2							
31	PAHs (total)				16 mg/kg		16 mg/kg	0.0016 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
33	asbestos				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0599 %		

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 because No free product observed



Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00134%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: HP02

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

Sample details

Sample name:	LoW Code:
HP02	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
19%	
(no correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

lead chromate: (Note 1 conc.: 0.12%)

Determinands

Moisture content: **19% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				14 mg/kg	1.534	21.474 mg/kg	0.00215 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.5 mg/kg	23.173	11.586 mg/kg	0.00116 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.371 mg/kg	0.0000371 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	27.77 mg/kg	0.00278 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				46 mg/kg	3.929	180.736 mg/kg	0.0181 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	1200 mg/kg	1.56	1871.778 mg/kg	0.12 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.3 mg/kg	1.353	0.406 mg/kg	0.0000406 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				19 mg/kg	1.546	29.38 mg/kg	0.00294 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				98 mg/kg	1.245	121.982 mg/kg	0.0122 %			
	030-013-00-7	215-222-5	1314-13-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
12	pH				8 pH		8 pH	8pH		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
	006-007-00-5									
14	TPH (C6 to C40) petroleum group				10.47 mg/kg		10.47 mg/kg	0.00105 %		
			TPH							
15	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		205-912-4	206-44-0							
22	pyrene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	PAHs (total)				3.1 mg/kg		3.1 mg/kg	0.00031 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.161 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<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 because No free product observed

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00105%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: BH01

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

Sample details

Sample name:	LoW Code:
BH01	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.6%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.6% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				7 mg/kg	1.534	10.737	mg/kg	0.00107 %		
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.3 mg/kg	23.173	6.952	mg/kg	0.000695 %		
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.6 mg/kg	1.855	1.113	mg/kg	0.000111 %		
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	29.231	mg/kg	0.00292 %		
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				43 mg/kg	3.929	168.949	mg/kg	0.0169 %		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	360 mg/kg	1.56	561.533	mg/kg	0.036 %		
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.12 mg/kg	1.353	0.162	mg/kg	0.0000162 %		
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				18 mg/kg	1.546	27.834	mg/kg	0.00278 %		
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				120 mg/kg	1.245	149.366	mg/kg	0.0149 %		
	030-013-00-7	215-222-5	1314-13-2								
12	pH				11.1 pH		11.1	pH	11.1 pH		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2 mg/kg	1.884	0.377	mg/kg	0.0000377 %		
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				51.85 mg/kg		51.85	mg/kg	0.00519 %		
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		205-917-1	208-96-8							
17	acenaphthene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		201-469-6	83-32-9							
18	fluorene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-695-5	86-73-7							
19	phenanthrene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		201-581-5	85-01-8							
20	anthracene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		204-371-1	120-12-7							
21	fluoranthene				7.8 mg/kg		7.8 mg/kg	0.00078 %		
		205-912-4	206-44-0							
22	pyrene				7.9 mg/kg		7.9 mg/kg	0.00079 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				5 mg/kg		5 mg/kg	0.0005 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				5 mg/kg		5 mg/kg	0.0005 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				3.4 mg/kg		3.4 mg/kg	0.00034 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				5.4 mg/kg		5.4 mg/kg	0.00054 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				2.9 mg/kg		2.9 mg/kg	0.00029 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				3 mg/kg		3 mg/kg	0.0003 %		
		205-883-8	191-24-2							
31	PAHs (total)				<41.6 mg/kg		<41.6 mg/kg	<0.00416 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
33	asbestos				0.002 mg/kg		0.002 mg/kg	0.0000002 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0897 %		

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 because No free product observed



Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00519%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: BH01[2]

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

Sample details

Sample name:	LoW Code:
BH01[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				7.1 mg/kg	1.534	10.891 mg/kg	0.00109 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.3 mg/kg	23.173	6.952 mg/kg	0.000695 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	32.154 mg/kg	0.00322 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				12 mg/kg	3.929	47.149 mg/kg	0.00471 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	320 mg/kg	1.56	499.141 mg/kg	0.032 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				14 mg/kg	1.546	21.648 mg/kg	0.00216 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				47 mg/kg	1.245	58.502 mg/kg	0.00585 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				7.7 pH		7.7 pH	7.7 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1 mg/kg	1.884	0.188 mg/kg	0.0000188 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	PAHs (total)				<1.6 mg/kg		<1.6 mg/kg	<0.00016 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0514 %		

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: BH02

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

Sample details

Sample name:	LoW Code:
BH02	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **11% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				5.1 mg/kg	1.534	7.823 mg/kg	0.000782 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.4 mg/kg	23.173	9.269 mg/kg	0.000927 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.5 mg/kg	1.855	0.927 mg/kg	0.0000927 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.3 mg/kg	1.462	12.131 mg/kg	0.00121 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				21 mg/kg	3.929	82.51 mg/kg	0.00825 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	360 mg/kg	1.56	561.533 mg/kg	0.036 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				10 mg/kg	1.546	15.463 mg/kg	0.00155 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				62 mg/kg	1.245	77.172 mg/kg	0.00772 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH		PH		7.8 pH		7.8 pH	7.8 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group		TPH		276.1 mg/kg		276.1 mg/kg	0.0276 %			

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-695-5	86-73-7							
19	phenanthrene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-581-5	85-01-8							
20	anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		204-371-1	120-12-7							
21	fluoranthene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
		205-912-4	206-44-0							
22	pyrene				3.3 mg/kg		3.3 mg/kg	0.00033 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				0.9 mg/kg		0.9 mg/kg	0.00009 %		
		205-883-8	191-24-2							
31	PAHs (total)				<14.2 mg/kg		<14.2 mg/kg	<0.00142 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0875 %		

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 because No free product observed

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0276%)

Classification of sample: BH02[2]

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

Sample details

Sample name:	LoW Code:
BH02[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic pentoxide }				9.1	mg/kg	1.534	13.958	mg/kg	0.0014 %		
	033-004-00-6	215-116-9	1303-28-2									
2	boron { boron tribromide }				0.9	mg/kg	23.173	20.856	mg/kg	0.00209 %		
	005-003-00-0	233-657-9	10294-33-4									
3	cadmium { cadmium sulfate }				0.1	mg/kg	1.855	0.185	mg/kg	0.0000185 %		
	048-009-00-9	233-331-6	10124-36-4									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { copper sulphate pentahydrate }				40	mg/kg	3.929	157.162	mg/kg	0.0157 %		
	029-023-00-4	231-847-6	7758-99-8									
7	lead { lead chromate }			1	80	mg/kg	1.56	124.785	mg/kg	0.008 %		
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.24	mg/kg	1.353	0.325	mg/kg	0.0000325 %		
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel sulfide }				18	mg/kg	1.546	27.834	mg/kg	0.00278 %		
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]									
10	selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	034-001-00-2	231-957-4	7782-49-2									
11	zinc { zinc oxide }				60	mg/kg	1.245	74.683	mg/kg	0.00747 %		
	030-013-00-7	215-222-5	1314-13-2									
12	pH		PH		7.1	pH		7.1	pH	7.1 pH		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
	006-007-00-5											
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	PAHs (total)				<1.6 mg/kg		<1.6 mg/kg	<0.00016 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0419 %		

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: BH03

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

Sample details

Sample name:	LoW Code:
BH03	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **16% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				18 mg/kg	1.534	27.61 mg/kg	0.00276 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.3 mg/kg	23.173	6.952 mg/kg	0.000695 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.3 mg/kg	1.855	0.556 mg/kg	0.0000556 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	24.846 mg/kg	0.00248 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				54 mg/kg	3.929	212.169 mg/kg	0.0212 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	380 mg/kg	1.56	592.73 mg/kg	0.038 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.33 mg/kg	1.353	0.447 mg/kg	0.0000447 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				22 mg/kg	1.546	34.019 mg/kg	0.0034 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				150 mg/kg	1.245	186.707 mg/kg	0.0187 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				8.1 pH		8.1 pH	8.1 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				14.39 mg/kg		14.39 mg/kg	0.00144 %			
			TPH								

#	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	naphthalene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-469-6	83-32-9							
18	fluorene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-695-5	86-73-7							
19	phenanthrene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
		201-581-5	85-01-8							
20	anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		204-371-1	120-12-7							
21	fluoranthene				2.8 mg/kg		2.8 mg/kg	0.00028 %		
		205-912-4	206-44-0							
22	pyrene				2.9 mg/kg		2.9 mg/kg	0.00029 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				1 mg/kg		1 mg/kg	0.0001 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				1.8 mg/kg		1.8 mg/kg	0.00018 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				1 mg/kg		1 mg/kg	0.0001 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				1 mg/kg		1 mg/kg	0.0001 %		
		205-883-8	191-24-2							
31	PAHs (total)				<14.6 mg/kg		<14.6 mg/kg	<0.00146 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0923 %		

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 because No free product observed

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00144%)

Classification of sample: BH03[2]

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

Sample details

Sample name:	LoW Code:
BH03[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				8.7 mg/kg	1.534	13.345 mg/kg	0.00133 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.3 mg/kg	23.173	6.952 mg/kg	0.000695 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.371 mg/kg	0.0000371 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28 mg/kg	1.462	40.924 mg/kg	0.00409 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				28 mg/kg	3.929	110.013 mg/kg	0.011 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				33 mg/kg	1.546	51.028 mg/kg	0.0051 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				66 mg/kg	1.245	82.151 mg/kg	0.00822 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH		PH		8 pH		8 pH	8pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %			<LOD
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	PAHs (total)				<1.6 mg/kg		<1.6 mg/kg	<0.00016 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0339 %		

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: BH04

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

Sample details

Sample name:	LoW Code:
BH04	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%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				23 mg/kg	1.534	35.279 mg/kg	0.00353 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				<0.2 mg/kg	23.173	<4.635 mg/kg	<0.000463 %			<LOD
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				1.1 mg/kg	1.855	2.04 mg/kg	0.000204 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	29.231 mg/kg	0.00292 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				110 mg/kg	3.929	432.196 mg/kg	0.0432 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	490 mg/kg	1.56	764.309 mg/kg	0.049 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.63 mg/kg	1.353	0.853 mg/kg	0.0000853 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				23 mg/kg	1.546	35.565 mg/kg	0.00356 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				190 mg/kg	1.245	236.496 mg/kg	0.0236 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				7.7 pH		7.7 pH	7.7 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				42.01 mg/kg		42.01 mg/kg	0.0042 %			
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		205-917-1	208-96-8							
17	acenaphthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-469-6	83-32-9							
18	fluorene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
		201-695-5	86-73-7							
19	phenanthrene				5.8 mg/kg		5.8 mg/kg	0.00058 %		
		201-581-5	85-01-8							
20	anthracene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		204-371-1	120-12-7							
21	fluoranthene				6.5 mg/kg		6.5 mg/kg	0.00065 %		
		205-912-4	206-44-0							
22	pyrene				6.3 mg/kg		6.3 mg/kg	0.00063 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				3.5 mg/kg		3.5 mg/kg	0.00035 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				3.3 mg/kg		3.3 mg/kg	0.00033 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
		205-883-8	191-24-2							
31	PAHs (total)				37 mg/kg		37 mg/kg	0.0037 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.139 %		

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 because No free product observed

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0042%)

Classification of sample: BH04[2]

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

Sample details

Sample name:	LoW Code:
BH04[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				10 mg/kg	1.534	15.339 mg/kg	0.00153 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.6 mg/kg	23.173	13.904 mg/kg	0.00139 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.371 mg/kg	0.0000371 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				24 mg/kg	1.462	35.077 mg/kg	0.00351 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				40 mg/kg	3.929	157.162 mg/kg	0.0157 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	130 mg/kg	1.56	202.776 mg/kg	0.013 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				27 mg/kg	1.546	41.75 mg/kg	0.00418 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				82 mg/kg	1.245	102.067 mg/kg	0.0102 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH		PH		7.4 pH		7.4 pH	7.4 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		205-917-1	208-96-8							
17	acenaphthene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		201-469-6	83-32-9							
18	fluorene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		201-695-5	86-73-7							
19	phenanthrene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
		201-581-5	85-01-8							
20	anthracene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		204-371-1	120-12-7							
21	fluoranthene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
		205-912-4	206-44-0							
22	pyrene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				1 mg/kg		1 mg/kg	0.0001 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		205-883-8	191-24-2							
31	PAHs (total)				16 mg/kg		16 mg/kg	0.0016 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
33	asbestos				0.006 mg/kg		0.006 mg/kg	0.0000006 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0541 %		

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: BH05

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

Sample details

Sample name:	LoW Code:
BH05	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				21 mg/kg	1.534	32.211 mg/kg	0.00322 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.5 mg/kg	23.173	11.586 mg/kg	0.00116 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				0.4 mg/kg	1.855	0.742 mg/kg	0.0000742 %			
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	24.846 mg/kg	0.00248 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				77 mg/kg	3.929	302.537 mg/kg	0.0303 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	270 mg/kg	1.56	421.15 mg/kg	0.027 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.65 mg/kg	1.353	0.88 mg/kg	0.000088 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				28 mg/kg	1.546	43.297 mg/kg	0.00433 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				110 mg/kg	1.245	136.919 mg/kg	0.0137 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH		PH		7.9 pH		7.9 pH	7.9 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				19.63 mg/kg		19.63 mg/kg	0.00196 %			
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		205-917-1	208-96-8							
17	acenaphthene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		201-469-6	83-32-9							
18	fluorene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		201-695-5	86-73-7							
19	phenanthrene				6 mg/kg		6 mg/kg	0.0006 %		
		201-581-5	85-01-8							
20	anthracene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		204-371-1	120-12-7							
21	fluoranthene				9.9 mg/kg		9.9 mg/kg	0.00099 %		
		205-912-4	206-44-0							
22	pyrene				10 mg/kg		10 mg/kg	0.001 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				5 mg/kg		5 mg/kg	0.0005 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				5 mg/kg		5 mg/kg	0.0005 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				4.4 mg/kg		4.4 mg/kg	0.00044 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
		205-883-8	191-24-2							
31	PAHs (total)				53 mg/kg		53 mg/kg	0.0053 %		
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0952 %		

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 because No free product observed

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00196%)

Classification of sample: BH05[2]

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

Sample details

Sample name:	LoW Code:
BH05[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				7.6 mg/kg	1.534	11.657 mg/kg	0.00117 %			
	033-004-00-6	215-116-9	1303-28-2								
2	boron { boron tribromide }				0.5 mg/kg	23.173	11.586 mg/kg	0.00116 %			
	005-003-00-0	233-657-9	10294-33-4								
3	cadmium { cadmium sulfate }				<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				29 mg/kg	1.462	42.385 mg/kg	0.00424 %			
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { copper sulphate pentahydrate }				19 mg/kg	3.929	74.652 mg/kg	0.00747 %			
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead chromate }			1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel sulfide }				24 mg/kg	1.546	37.112 mg/kg	0.00371 %			
	028-006-00-9	240-841-2 [1] 234-349-7 [2] - [3]	16812-54-7 [1] 11113-75-0 [2] 1314-04-1 [3]								
10	selenium { selenium }				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
11	zinc { zinc oxide }				63 mg/kg	1.245	78.417 mg/kg	0.00784 %			
	030-013-00-7	215-222-5	1314-13-2								
12	pH				6.3 pH		6.3 pH	6.3 pH			
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %			
	006-007-00-5										
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								

#	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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	PAHs (total)				<1.6 mg/kg		<1.6 mg/kg	<0.00016 %		<LOD
32	monohydric phenols				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
			P1186							
Total:								0.0294 %		

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

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

▀ **PAHs (total)**

Description/Comments: Worst case scenario combining risk phrases and substance specific thresholds from benzo[a]pyrene (CLP# 601-032-00-3) and benzo[a]anthracene (CLP# 601-033-00-9)

Data source: 2008/1272/EC – Table 3.2 of Annex VI of regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures and 2009/790/EC Annex IV – Annex IV of regulation 2009/790/EC - 1st Adaptation to Technical Progress for European Regulation 1272/2008

Data source date: 16 Dec 2008

Hazard Statements: Skin Sens. 1; H317 , Carc. 1B; H350 , Carc. 1B; H350 >= 0.01 % , Muta. 1B; H340 , Aquatic Acute 1; H400 (M=100) , Aquatic Chronic 1; H410 (M=100) , Repr. 1B; H360FD

▀ **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 <= conc. < 3 % , Eye Irrit. 2; H319 1 <= conc. < 3 % , Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

arsenic {arsenic pentoxide}

Worst case species

boron {boron tribromide}

Worst Case Selected

cadmium {cadmium sulfate}

Assumed worst case based on likely contaminants

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Worst case species

chromium in chromium(VI) compounds {chromium(VI) oxide}

Worst case species

copper {copper sulphate pentahydrate}

Assumed worst case based on expected contaminants

lead {lead chromate}

Worst case species

mercury {mercury dichloride}

Assumed likely form of mercury compound

nickel {nickel sulfide}

Assumed likely form of contaminant

selenium {selenium}

Worst case species

zinc {zinc oxide}

Worst case species

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Worst Case Selected

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2024.158.6092.11254 (06 Jun 2024)

HazWasteOnline Database: 2024.158.6092.11254 (06 Jun 2024)

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

Appendix 15

Records of Foundation Pit Logs plus Sketches and Photographs (GD Drilling Ltd, February 2024)

Appendix 16

Permeability Test Results (GD Drilling Ltd, February 2024)