

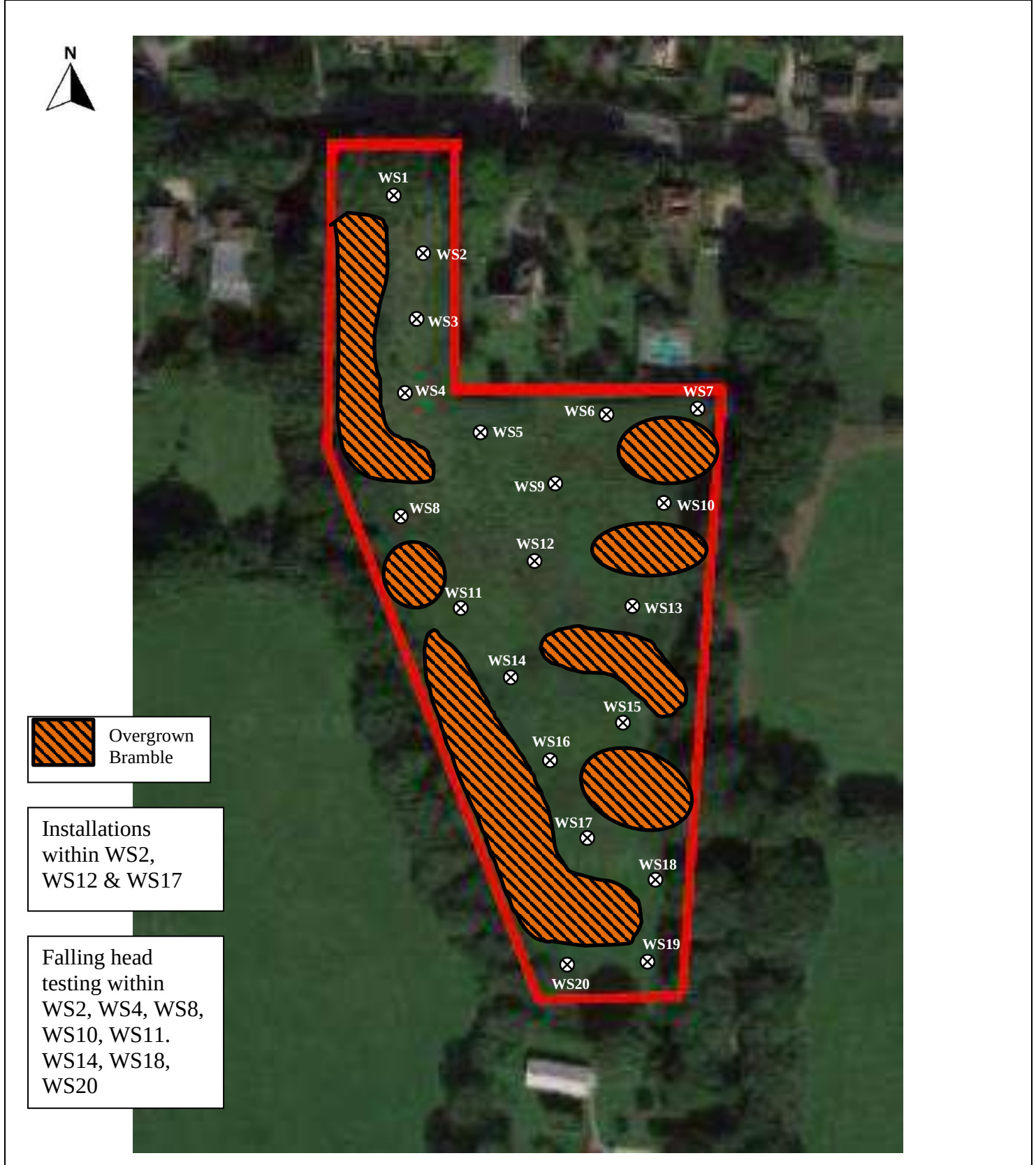
APPENDICES

APPENDIX 1 – FIGURES

PROJECT NAME:	Folders Lane, Burgess Hill	CLIENT:	Jones Homes (Southern Limited)
TITLE:	Site Location Plan	PROJECT NO.	P1215J553b
DATE:	February 2024	FIGURE NO.	1



PROJECT NAME:	Folder's Lane, Burgess Hill, RH15 0DX	CLIENT:	Jones Homes (Southern) Limited
TITLE:	Proposed Exploratory Hole Plan	PROJECT NO.	P1215J553b
DATE:	January 2024	FIGURE NO.	2



PROJECT NAME	Folders Lane	CLIENT	Jones Homes (Southern Limited)
TITLE	Folders Lane Photo Plan	FIGURE	3
Photo 1: Access to the site to the west.		Photo 2: Access to the site.	
			

PROJECT NAME	Folders Lane	CLIENT	Jones Homes (Southern Limited)
TITLE	Folders Lane Photo Plan	FIGURE	3
Photo 3: Showing restricted access to the site, the site is obstructed by a gate and bushes.		Photo 4: Showing a gate obstructing access to the site.	
			

PROJECT NAME	Folders Lane	CLIENT	Jones Homes (Southern Limited)
TITLE	Folders Lane Photo Plan	FIGURE	3
Photo 5: Stockpile obstructing access to the site.		Photo 6: Landscape image of the site.	
			

PROJECT NAME	Folders Lane	CLIENT	Jones Homes (Southern Limited)
TITLE	Folders Lane Photo Plan	FIGURE	3
Photo 7: Overgrown bramble on the site, approximately 1 m high.		Photo 8: Large trees, approximately 20 m on site with overgrown bramble.	
			

PROJECT NAME	Folders Lane	CLIENT	Jones Homes (Southern Limited)
TITLE	Folders Lane Photo Plan	FIGURE	3
Photo 9: Overview of the vegetation, trees and bramble on the site.		Photo 10: Overview of the pond to the west of the site.	
			

Figure 4 - Proposed Development Plan

CATCHMENT DATA

CATCHMENT	AREA (m ²)	60% IMPERMEABLE (m ²)	IMPERMEABLE (ha)	STORAGE REQUIRED (m ³)	FREEBOARD AVAILABLE (mm)
A1 (100 YEAR + 45% CC)	12,660	7,596	0.760	415	220
A1 (100 YEAR + 25% CC)				381	291
A2 (PERMEABLE PAVING)	1,040	625	0.062	15	
TOTAL	13,700	8,221	0.822	430 (45% CC) 396 (25% CC)	

OVERALLS:
LONG TERM DISCHARGE RATE: 3.2l/s (2l/s/ha)
Q1 - 3.4 + 5l/s = 8.4l/s
Q30 - 17.5 + 5l/s = 22.5l/s
Q100 +45%cc - 26.6 + 5l/s = 31.6l/s

CATCHMENT A:
CONTROL CHAMBER TO ENSURE BASIN 1 FILLS AND LIMIT DISCHARGE TO PROVIDE LONG TERM STORAGE VOLUME
LONG TERM STORAGE REQUIRED: 304m³
LONG TERM DISCHARGE RATE: 3.2l/s (2l/s/ha)
Q1 - 3.4l/s
Q30 - 17.5l/s
Q100 +25%cc - 19.3l/s
Q100 +45%cc - 26.6l/s

CATCHMENT B:
CONTROL CHAMBER TO LIMIT DISCHARGE IN ADDITION WITH CATCHMENT A
DISCHARGE RATE - 5l/s

PRIVATE FOUL PUMPING STATION TO SERVE PLOTS 1-8
COVER LEVEL: 52.10
INVERT LEVEL: 51.00

PROPOSED PERMEABLE PAVING AREA: 264m²
SUB-BASE DEPTH: 450mm (30% VOIDS)
50% STORAGE UTILISATION
STORAGE CAPACITY: 18m³

DRY BASIN
VOLUME AVAILABLE (NO FREEBOARD): 534m³
COVER LEVEL: 52.90m
INVERT LEVEL: 51.20m
BASE AREA: 110m²
CREST AREA: 580m²

EXFMSH6
12000
CL: 54.200
IL: 50.802

EXFMSH5
12000
CL: 54.200
IL: 50.977

EXFMSH4
12000
CL: 53.930
IL: 51.330

EXFMSH3
12000
CL: 53.900
IL: 52.550

EXFMSH2
12000
CL: 53.560
IL: 52.195

EXFMSH5
12000
CL: 53.500
IL: 52.700

EXFMSH3
12000
CL: 53.650
IL: 51.993

EXFMSH4
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CL: 54.250
IL: 51.812

EXFMSH7
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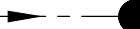
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EXFMSH6
12000
CL: 53.800
IL: 51.890

EXFMSH4
12000
CL: 54.250
IL: 51.812

EXFMSH7
12000

- KEY**
-  SITE BOUNDARY
 -  EXISTING FOUL WATER SEWER & MANHOLE
 -  EXISTING FOUL WATER RISING MAIN
 -  EXISTING SURFACE WATER SEWER & MANHOLE
 -  PCC HEADWALL
 -  PROPOSED SURFACE WATER SEWER & MANHOLE
 -  PROPOSED FOUL WATER SEWER & MANHOLE
 -  PROPOSED FOUL WATER RISING MAIN
 -  PROPOSED BASIN
 -  PROPOSED PERMEABLE PAVING
 -  PERFORATED PIPE 100mmØ
 -  CATCHMENT BOUNDARY
 -  EXCEEDENCE FLOW ROUTES

Rev	Description	Drn	Chk	App	Date
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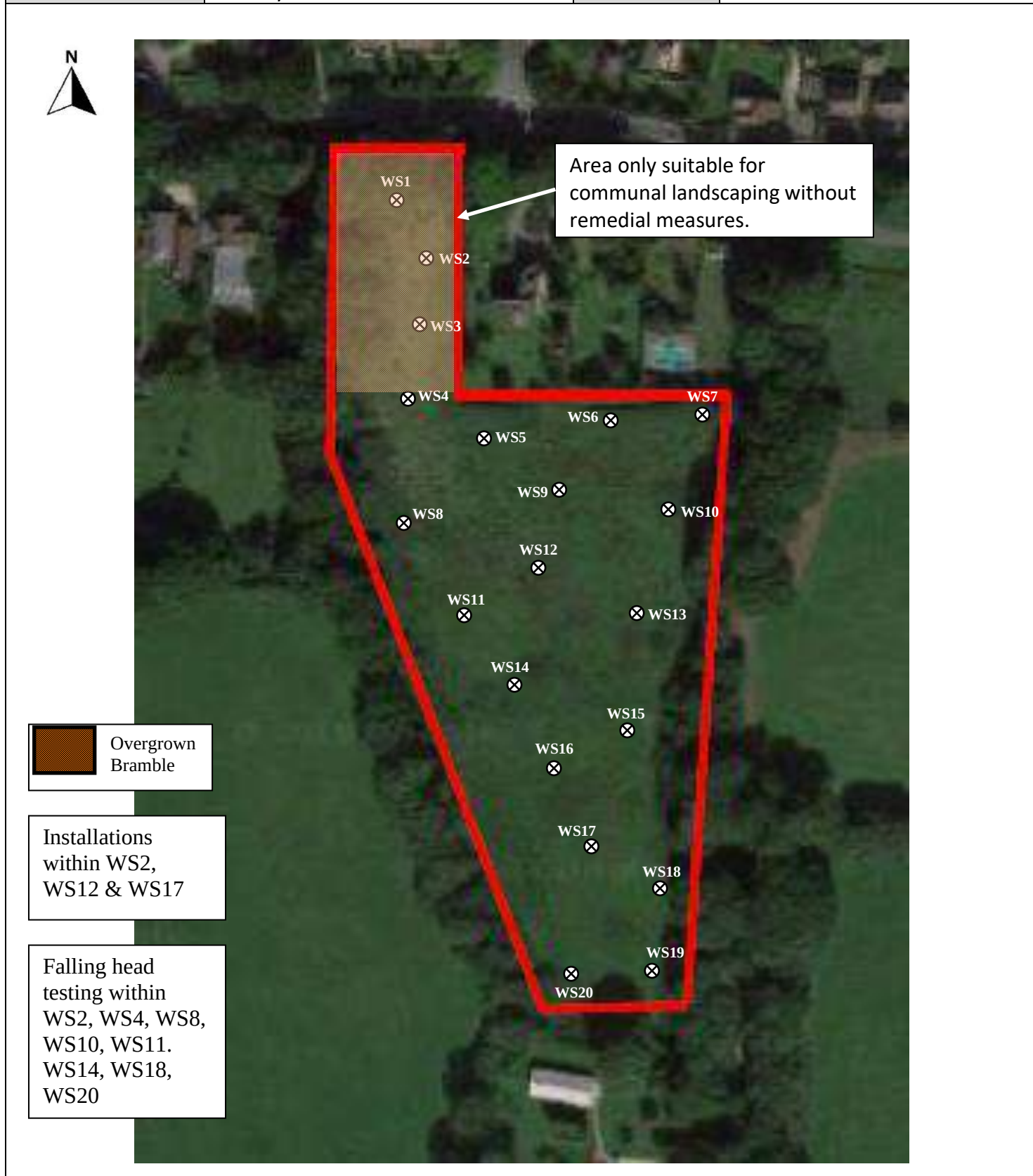
SSIP SAFETY SCIENCES IN PROCUREMENT

0001 BUREAU VERITAS Certification

 BUREAU VERITAS 1828

All Scale 1:500	Date DEC 2022	Designed by LB	
Drawn by LB	Checked by JM	Approved by BB	
Drawing Number 2104771-002			Rev -

PROJECT NAME:	Folder's Lane, Burgess Hill, RH15 0DX	CLIENT:	Jones Homes (Southern) Limited
TITLE:	Site Zoning Plan	PROJECT NO.	P1215J553b
DATE:	January 2024	FIGURE NO.	5

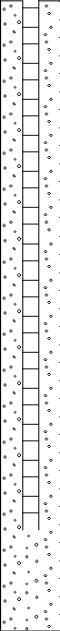


APPENDIX 2 – EXPLORATORY HOLE RECORDS

Project Name: Folder's Lane (Eastern Area)		Client: Jones Homes (Southern) Limited		Date: 31/01/2024	
Location: Folder's Lane, Burgess Hill, RH15 0DX		Logged by: KJF		Co-ords: E532938.88 N118038.97	
Project No. : P1215J553b		Crew Name: RD		Drilling Equipment: Windowless Sampler	
Log Status FINAL	Hole Type WLS	Level	Approved By TE	Scale 1:30	Page Number Sheet 1 of 1

[illegible]

Remarks:	Key:
*Field description.	ES - Environmental Sample
No groundwater strike reported.	D - Small Disturbed Sample
	B - Bulk Disturbed Sample
	PID - Photo-ionisation Detector Reading

JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD				Borehole Number WS2			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532928.41 N118028.86			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND) *Soft becoming firm consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		0.60	D						
		1.20	SPT	N=3 (1,0/0,1,1,1)		1.90	-1.90		2
		1.30	D						
		1.30	D						
		2.00	SPT	N=7 (2,1/1,2,2,2)					
		2.90	D						
		2.90	D						
		3.00	SPT	N=26 (3,4/5,5,7,9)					
		3.50	SPT	50 (12,13/22,28 for 189mm)	3.50	-3.50		End of Borehole at 3.10m	6
Remarks: *Field description. No groundwater strike reported.								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading	
JOMAS ASSOCIATES LTD Unit 24 Sarum Complex, Salisbury Road, Uxbridge UB8 2RZ www.jomasassociates.com 0333-305-9054 info@jomasassociates.com Jomas Associates Ltd Registered in England and Wales No. 7095350									

JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS3		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532933.96 N118030.81			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND)	
		0.50	D						
					0.80	-0.80		*Soft consistency brown mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.20	SPT	N=3 (1,0/1,0,1,1)					
		1.50	D		2.00			*Soft becoming firm consistency grey mottled yellowish brown slightly silty sandy CLAY. (WEALD CLAY FORMATION).	2
		1.50	D						
					2.70	-2.70		*Firm consistency brown mottled purple and orange sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	3
		3.00	D						
		3.00	SPT	N=23 (2,3/4,5,5,9)	3.30	-3.30		End of Borehole at 3.30m	
		3.50	SPT	N=50 (10,11/13,15,18,4)					4
									5
									6
Remarks: *Field description. No groundwater strike reported.								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading	
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS4		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532926.39 N117999.51			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	ES		0.40	-0.40		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND)	
		0.70	D		0.90	-0.90		*Soft consistency light brown mottled orange slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.20	SPT	N=4 (1,1/1,1,1,1)				*Firm consistency orangish brown mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		1.80	D						
		1.80	D						
		2.00	SPT	N=11 (1,1/2,2,3,4)					2
		2.50							
		3.00	D						
		3.00	SPT	N=26 (2,3/3,5,8,10)					3
		4.00	D						
		4.00	D						
		4.00	SPT	N=52 (7,10/14,16,20,2)	4.00	-4.00		End of Borehole at 4.00m	4
Remarks: *Field description. Groundwater strike reported at 3.5mbgl								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading	
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Project Name: Folder's Lane (Eastern Area)		Client: Jones Homes (Southern) Limited		Date: 31/01/2024	
Location: Folder's Lane, Burgess Hill, RH15 0DX		Logged by: KJF		Co-ords: E532940.17 N117970.44	
Project No. : P1215J553b		Crew Name: RD		Drilling Equipment: Windowless Sampler	
Log Status FINAL	Hole Type WLS	Level	Approved By TE	Scale 1:30	Page Number Sheet 1 of 1

[illegible]

Remarks:

*Field description.

No groundwater strike reported.

Key:

ES - Environmental Sample

D - Small Disturbed Sample

B - Bulk Disturbed Sample

PID - Photo-ionisation Detector Reading

JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS6			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024				
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532968.87 N117972.59				
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler				
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND) *Soft consistency orangish brown slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1	
		1.00	D							
		1.00	D							
		1.20	SPT	N=4 (1,1/1,1,1,1)						
		1.60								
		2.00	D							
		2.00	D							
		2.00	SPT	N=13 (2,2/2,3,3,5)						
		3.00	SPT	N=38 (5,7/8,8,9,13)	3.00	-3.00				
		3.10	D		3.30	-3.30				
		3.10	D				*Brownish yellow very dense SAND. Sand is fine to coarse. (WEALD CLAY FORMATION - SANDSTONE).	3		
		3.30	SPT	50 (10,12/28,22 for 107mm)						
End of Borehole at 3.30m										4
								5		
								6		

Remarks:
*Field description.
No groundwater strike reported.

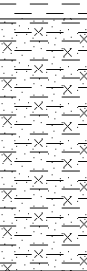
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B - Bulk Disturbed Sample
PID - Photo-ionisation Detector Reading

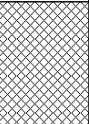
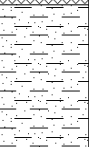
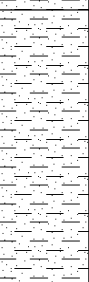
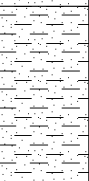
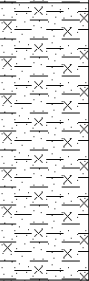
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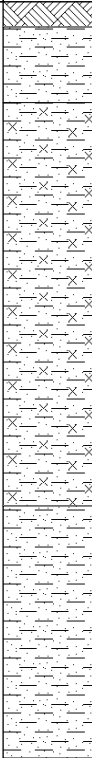
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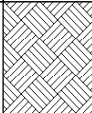
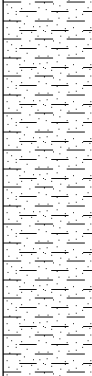
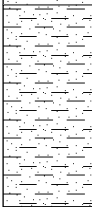
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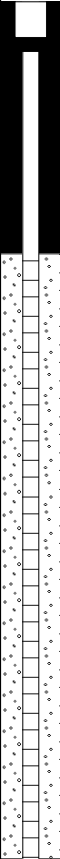
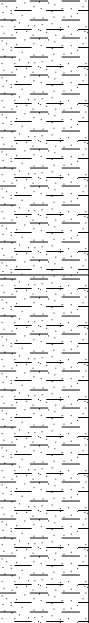
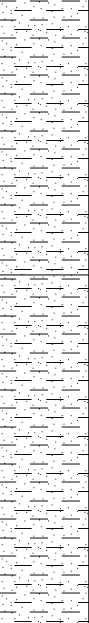
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Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024				
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E533004.53 N117977.82				
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler				
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.20	ES		0.35	-0.35		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND)		
		0.60	D							
		0.90	-0.90							
		1.20	SPT	N=3 (1,0/1,0,1,1)		2.00	-2.00		*Soft consistency orange mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.50	D							
		1.50	D							
		2.00	SPT	N=16 (4 for 153mm/2,4,4,6)		2.50	-2.00		*Soft consistency reddish brown slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2
		2.50	D							
		2.50	D							
		2.90	SPT	50 (25/50 for 21mm)	3.00	-3.00		End of Borehole at 3.00m		3
Remarks: *Field description. No groundwater strike reported.								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS8		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF						
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	-0.50		Grass over brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND)	
		0.60	D					*Soft consistency orangish brown mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.20	SPT	N=3 (1,0/0,1,1,1)	1.10	-1.10		*Firm consistency orange mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION - MUDSTONE).	
		1.60	D						
		1.60	D						
		2.00	SPT	N=9 (1,1/2,2,2,3)	2.20	-2.20			2
		2.40	D					*Firm consistency yellow mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION - MUDSTONE).	
		2.40	D						
		3.00	SPT	N=15 (2,3/3,4,4,4)	2.90	-2.90		*Stiff consistency orangish brown mottled grey slightly silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION - MUDSTONE).	3
		3.60	D						
3.60	D								
		4.00	SPT	N=47 (5,8/10,12,12,13)	4.00	-4.00		End of Borehole at 4.00m	4
		4.30	SPT	50 (10,15/29,21 for 130mm)					5
									6
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS9		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532964.16 N117967.39			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	-0.20		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick. (MADE GROUND)	1
		0.60	D					*Soft consistency orangish brown slightly silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		0.60	D					*Soft consistency grey mottled orange slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		1.20	SPT	N=3 (1,1/0,1,1,1)	1.10	-1.10		*Firm consistency reddish brown slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		1.50	D						2
		2.00	SPT	N=12 (1,2/3,3,3,3)	1.90	-1.90		*Firm consistency reddish brown slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		2.90	D						3
		2.90	D						
		3.00	SPT	N=23 (3,4/4,5,7,7)	3.00	-3.00		*Brownish yellow very dense SAND. Sand is fine to coarse. (WEALD CLAY FORMATION - SANDSTONE).	
		3.50	D						4
4.00	SPT	50 (9,10/12,16,17,5 for 259mm)	4.00	-4.00		End of Borehole at 4.00m			
								5	
								6	
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS10					
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024						
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF									
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler						
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.05	ES	N=4 (1,1/1,1,1,1)	0.10	-0.10		Grass over brown sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL) . *Soft consistency yellowish brown sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION). *Soft becoming firm consistency orangish brown mottled grey slightly silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1			
		0.30	D		0.40	-0.40						
		1.20	D									
		1.20	D									
		1.20	SPT									
		2.00	SPT		N=11 (2,2/2,3,3,3)	2.00				-2.00	*Firm becoming stiff consistency orangish brown mottled grey slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2
		2.40	D									
		2.40	D									
		3.00	SPT		N=50 (6,10/12,18,19,1)	3.00				-3.00		
								4				
								5				
								6				
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading					
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		WINDOWLESS SAMPLER RECORD				Borehole Number WS11			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532986.78 N117892.43			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15	ES		0.45	-0.45		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)	
		0.35	ES						
		1.20	SPT	N=3 (1,0/1,0,1,1)				*Soft becoming firm consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.50	D						
		2.00	SPT	N=11 (2,2/2,3,3,3)	2.00	-2.00		*Very soft light grey mottled yellowish brown silty very sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2
		2.60	D						
		2.60	D						
		2.80	SPT	60 (9,12/15,15,30 for 177mm)	2.80	-2.80		End of Borehole at 2.80m	3
									4
									5
									6
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD				Borehole Number WS12			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532969.75 N117938.07			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.40	ES		0.90	-0.90		Grass over orangish brown slightly sandy clay. Sand is fine to medium. (MADE GROUND - TOPSOIL).	
		0.70	ES						
		1.20	SPT	N=5 (1,1/1,1,1,2)	2.00	-2.00		*Firm consistency reddish brown slightly silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1
		1.40	D						
		1.40	D						
		2.00	SPT	N=12 (1,2/2,2,3,5)	3.40	-3.40		*Firm consistency yellowish brown mottled grey and purple slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2
		2.70	D						
		2.70	D						
		3.00	SPT	N=37 (3,5/7,10,10,10)	End of Borehole at 3.40m				3
		3.40	SPT	50 (22,3/25,25 for 114mm)					
									4
									5
									6

Remarks:

*Field description.

No groundwater strike reported.

Key:

ES - Environmental Sample

D - Small Disturbed Sample

B - Bulk Disturbed Sample

PID - Photo-ionisation Detector Reading

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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS13		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF						
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)	1
		0.80	D					*Soft consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		1.20	SPT	N=7 (1,1/1,2,2,2)	1.20	-1.20		*Very soft light grey mottled yellowish brown very sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		1.50	D						
		1.50	D						
		2.00	SPT	N=12 (2,2/2,3,3,4)	1.90	-1.90		*Stiff consistency brownish red slightly silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
		2.40	D						
		3.00	SPT	N=13 (1,2/2,3,4,4)					
		3.50	D						
		4.00	SPT	N=21 (2,3/4,4,5,8)	4.00	-4.00			
		End of Borehole at 4.00m							4
									5
									6
Remarks: *Field description. Groundwater strike reported at 3.1mbgl								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading	
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		WINDOWLESS SAMPLER RECORD				Borehole Number WS14					
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024					
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532969.66 N117871.57					
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler					
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.15	ES	N=5 (1,1/1,1,1,2)	0.25	-0.25		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL) *Soft becoming firm consistency orangish brown mottled grey silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	1		
		0.70	D								
		1.20	SPT								
		1.40 1.40	D D								
		2.00	SPT	N=17 (5,3/3,4,5,5)	2.00	-2.00		*Stiff consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2		
		2.60	D								
2.90	SPT	50 (18,7/50 for 110mm)	3.00	-3.00		End of Borehole at 3.00m	3				
											4
											5
								6			
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading				
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Project Name: Folder's Lane (Eastern Area)		Client: Jones Homes (Southern) Limited		Date: 31/01/2024	
Location: Folder's Lane, Burgess Hill, RH15 0DX		Logged by: KJF		Co-ords: E532985.80 N117873.53	
Project No. : P1215J553b		Crew Name: RD		Drilling Equipment: Windowless Sampler	
Log Status FINAL	Hole Type WLS	Level	Approved By TE	Scale 1:30	Page Number Sheet 1 of 1

[illegible]

Remarks:

*Field description.

No groundwater strike reported.

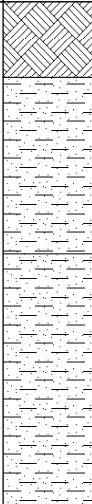
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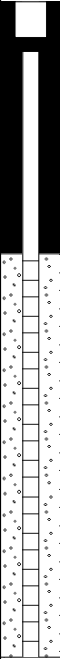
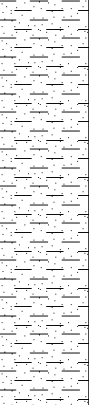
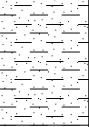
ES - Environmental Sample

D - Small Disturbed Sample

B - Bulk Disturbed Sample

PID - Photo-ionisation Detector Reading

		WINDOWLESS SAMPLER RECORD				Borehole Number WS16				
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024				
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532985.43 N117864.92				
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler				
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.25	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)	1	
		0.75	D			*Soft consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).				
		1.20	SPT		N=11 (1,2/3,3,2,3)	1.00		-1.00		*Firm becoming stiff consistency brown mottled grey and purple sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION)
		1.50	D							
		1.90	SPT		50 (25/50 for 33mm)	2.00		-2.00		
		End of Borehole at 2.00m							2	
									3	
									4	
									5	
									6	
Remarks: *Field description. No groundwater strike reported.								Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD				Borehole Number WS17				
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024				
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532984.26 N117853.56				
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler				
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.20	ES		0.30	-0.30		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)		
		0.85	D					*Soft becoming firm consistency orangish brown mottled grey sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION)	1	
		1.20	SPT	N=9 (1,1/2,2,2,3)						
		1.30	D							
		1.30	D							
		2.00	SPT	N=37 (2,4/8,8,10,11)	2.10	-2.10				2
		2.30	D					*Stiff consistency orangish brown mottled purple sandy CLAY. (WEALD CLAY FORMATION).		
		2.50	SPT	50 (10,13/15,19,16 for 183mm)	2.60	-2.60				
								End of Borehole at 2.60m		3
										4
									5	
									6	
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading			
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		WINDOWLESS SAMPLER RECORD				Borehole Number WS18			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E533009.46 N117850.17			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.25	ES	N=14 (2,3/2,2,4,6)	0.35	-0.35		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)	1
		0.70	D						
		0.70	D						
		1.20	SPT						
		1.60	D						
		2.00	SPT						
2.30	D	50 (5,11/14,16,20 for 189mm)	2.00	-2.00		*Soft becoming firm consistency orangish brown mottled grey silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2		
								*Stiff consistency brownish mottled grey silty sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	
								End of Borehole at 2.30m	
									3
									4
									5
									6
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading		
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JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS19			
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024				
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E532984.27 N117831.23				
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler				
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.20	ES		0.25	-0.25		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL)	1	
		0.50	D							
		1.20	SPT							N=8 (1,1/1,2,2,3)
		1.80	D							
		1.80	D							
		2.00	SPT							N=41 (3,4/5,8,13,15)
2.20	D	60 (15,10/33,27 for 116mm)	2.10	-2.10		*Stiff consistency yellowish brown mottled purple sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION)				
2.40	SPT									
					2.50	-2.50		End of Borehole at 2.50m	2	
									3	
									4	
									5	
									6	
Remarks: *Field description. No groundwater strike reported.							Key: ES - Environmental Sample D - Small Disturbed Sample B - Bulk Disturbed Sample PID - Photo-ionisation Detector Reading			
JOMAS ASSOCIATES LTD Unit 24 Sarum Complex, Salisbury Road, Uxbridge UB8 2RZ www.jomasassociates.com 0333-305-9054 info@jomasassociates.com Jomas Associates Ltd Registered in England and Wales No. 7095350										

JOMAS ENGINEERING ENVIRONMENTAL LAND REMEDIATION		WINDOWLESS SAMPLER RECORD					Borehole Number WS20		
Project Name: Folder's Lane (Eastern Area)			Client: Jones Homes (Southern) Limited			Date: 31/01/2024			
Location: Folder's Lane, Burgess Hill, RH15 0DX			Logged by: KJF			Co-ords: E533012.80 N117816.98			
Project No. : P1215J553b			Crew Name: RD			Drilling Equipment: Windowless Sampler			
Log Status FINAL		Hole Type WLS		Level		Approved By TE		Scale 1:30	Page Number Sheet 1 of 1
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	-0.20		Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint. (MADE GROUND - TOPSOIL) *Soft becoming firm consistency orangish brown mottled grey slightly sandy CLAY. Sand is fine to coarse. (WEALD CLAY FORMATION).	1
		0.80	D						
		1.20	SPT						
		1.50	D		1.50	-1.50		*Firm consistency yellowish brown slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION).	2
		1.50	D						
		2.00	SPT						
		2.60	D		2.90	-2.90		*Stiff consistency yellowish brown mottled purple slightly sandy CLAY. Sand is fine to medium. (WEALD CLAY FORMATION)	3
		2.60	D						
		3.00	D						
		3.00	SPT	50 (25/50 for 28mm)	3.00	-3.00		End of Borehole at 3.00m	4
								5	
								6	

Remarks:

*Field description.

No groundwater strike reported.

Key:

ES - Environmental Sample

D - Small Disturbed Sample

B - Bulk Disturbed Sample

PID - Photo-ionisation Detector Reading

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APPENDIX 3 – CHEMICAL LABORATORY TEST RESULTS



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Jomas Associates Limited
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Salisbury Road
Uxbridge
UB8 2RZ

Derwentside Environmental Testing Services Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 24-01143

Site Reference: Folder's Lane (eastern Area), Burqess Hill

Project / Job Ref: J553b

Order No: P5487J553b.6

Sample Receipt Date: 06/02/2024

Sample Scheduled Date: 06/02/2024

Report Issue Number: 1

Reporting Date: 14/02/2024

Authorised by:

Steve Knight
Customer Support Manager

Dates of laboratory activities for each tested analyte are available upon request.

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.



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS1	WS2	WS3	WS4	WS5
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.05	0.15	0.20	0.30	0.30
Reporting Date: 14/02/2024	DETS Sample No	697705	697706	697707	697708	697709

Determinand	Unit	RL	Accreditation	(n)				
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
pH	pH Units	N/a	MCERTS	6.5	6.2	5.8	5.8	5.3
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS	324	293	351	388	505
Total Sulphate as SO ₄	%	< 0.02	MCERTS	0.03	0.03	0.04	0.04	0.05
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	50	11	25	13	< 10
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.05	0.01	0.02	0.01	< 0.01
Total Sulphur	%	< 0.02	NONE	0.02				
TOC (Total Organic Carbon)	%	< 0.1	MCERTS	1.1	1.5	1.7	2.2	3.3
Arsenic (As)	mg/kg	< 2	MCERTS	15	13	12	18	15
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	27	22	18	22	23
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	14	16	15	13	16
Lead (Pb)	mg/kg	< 3	MCERTS	264	56	239	45	48
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	9	9	9	9	8
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Zinc (Zn)	mg/kg	< 3	MCERTS	40	50	82	73	60
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS6	WS9	WS10	WS11	WS11
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.10	0.10	0.05	0.15	0.35
Reporting Date: 14/02/2024	DETS Sample No	697710	697712	697713	697714	697715

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected		Not Detected	
pH	pH Units	N/a	MCERTS	5.5	6.2	5.6	5.5	6.0
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS	518	453	317	293	< 200
Total Sulphate as SO ₄	%	< 0.02	MCERTS	0.05	0.05	0.03	0.03	< 0.02
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	14	< 10	< 10	< 10	< 10
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Sulphur	%	< 0.02	NONE			0.03		
TOC (Total Organic Carbon)	%	< 0.1	MCERTS			1.6		
Arsenic (As)	mg/kg	< 2	MCERTS	17	14	14	13	11
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	24	18	20	17	13
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	16	14	16	27	9
Lead (Pb)	mg/kg	< 3	MCERTS	42	64	41	44	13
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	9	7	7	7	4
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Zinc (Zn)	mg/kg	< 3	MCERTS	54	44	48	47	21
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS12	WS17	WS13	WS14	WS15
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.40	0.20	0.20	0.15	0.10
Reporting Date: 14/02/2024	DETS Sample No	697716	697717	697718	697719	697720

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected			Not Detected	Not Detected
pH	pH Units	N/a	MCERTS	6.9	5.9	5.6	5.5	5.8
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS	< 200	332	313	288	357
Total Sulphate as SO ₄	%	< 0.02	MCERTS	< 0.02	0.03	0.03	0.03	0.04
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	19	< 10	< 10	< 10	< 10
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.02	< 0.01	< 0.01	< 0.01	< 0.01
Total Sulphur	%	< 0.02	NONE	< 0.02				
TOC (Total Organic Carbon)	%	< 0.1	MCERTS	0.5		1.6		
Arsenic (As)	mg/kg	< 2	MCERTS	16	13	10	11	10
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	32	19	14	17	15
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	14	18	20	26	12
Lead (Pb)	mg/kg	< 3	MCERTS	22	40	30	39	35
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	12	7	5	7	6
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Zinc (Zn)	mg/kg	< 3	MCERTS	38	55	36	48	49
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS16	WS18	WS19	WS20	WS2
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	D
Order No: P5487J553b.6	Depth (m)	0.25	0.25	0.20	0.10	2.90
Reporting Date: 14/02/2024	DETS Sample No	697721	697722	697723	697724	697725

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected		Not Detected
pH	pH Units	N/a	MCERTS	6.0	5.6	6.1	6.0
Total Cyanide	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS	226	303	441	430
Total Sulphate as SO ₄	%	< 0.02	MCERTS	0.02	0.03	0.04	0.04
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	< 10	< 10	< 10	14
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	< 0.01	< 0.01	< 0.01	0.01
Total Sulphur	%	< 0.02	NONE			0.03	< 0.02
TOC (Total Organic Carbon)	%	< 0.1	MCERTS			2.7	
Arsenic (As)	mg/kg	< 2	MCERTS	10	12	12	12
W/S Boron	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	15	19	25	21
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	11	15	18	21
Lead (Pb)	mg/kg	< 3	MCERTS	20	34	53	85
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	6	7	7	9
Selenium (Se)	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2
Zinc (Zn)	mg/kg	< 3	MCERTS	33	43	83	112
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS17	WS4	WS6	WS8	WS11
Project / Job Ref: J553b	Additional Refs	D	D	D	D	D
Order No: P5487J553b.6	Depth (m)	1.30	4.00	1.00	3.60	2.60
Reporting Date: 14/02/2024	DETS Sample No	697726	697727	697728	697729	697730

Determinand	Unit	RL	Accreditation	(n)					
Asbestos Screen ^(S)	N/a	N/a	ISO17025						
pH	pH Units	N/a	MCERTS						
Total Cyanide	mg/kg	< 1	NONE						
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS						
Total Sulphate as SO ₄	%	< 0.02	MCERTS						
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS						
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS						
Total Sulphur	%	< 0.02	NONE	< 0.02	0.03	0.06	< 0.02	< 0.02	
TOC (Total Organic Carbon)	%	< 0.1	MCERTS						
Arsenic (As)	mg/kg	< 2	MCERTS						
W/S Boron	mg/kg	< 1	NONE						
Cadmium (Cd)	mg/kg	< 0.2	MCERTS						
Chromium (Cr)	mg/kg	< 2	MCERTS						
Chromium (hexavalent)	mg/kg	< 2	NONE						
Copper (Cu)	mg/kg	< 4	MCERTS						
Lead (Pb)	mg/kg	< 3	MCERTS						
Mercury (Hg)	mg/kg	< 1	MCERTS						
Nickel (Ni)	mg/kg	< 3	MCERTS						
Selenium (Se)	mg/kg	< 2	MCERTS						
Zinc (Zn)	mg/kg	< 3	MCERTS						
Total Phenols (monohydric)	mg/kg	< 2	NONE						

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Soil Analysis Certificate						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24			
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied			
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS13	WS20			
Project / Job Ref: J553b	Additional Refs	D	D			
Order No: P5487J553b.6	Depth (m)	1.50	2.60			
Reporting Date: 14/02/2024	DETS Sample No	697731	697732			

Determinand	Unit	RL	Accreditation					
Asbestos Screen ^(S)	N/a	N/a	ISO17025					
pH	pH Units	N/a	MCERTS					
Total Cyanide	mg/kg	< 1	NONE					
Total Sulphate as SO ₄	mg/kg	< 200	MCERTS					
Total Sulphate as SO ₄	%	< 0.02	MCERTS					
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS					
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS					
Total Sulphur	%	< 0.02	NONE	< 0.02	< 0.02			
TOC (Total Organic Carbon)	%	< 0.1	MCERTS					
Arsenic (As)	mg/kg	< 2	MCERTS					
W/S Boron	mg/kg	< 1	NONE					
Cadmium (Cd)	mg/kg	< 0.2	MCERTS					
Chromium (Cr)	mg/kg	< 2	MCERTS					
Chromium (hexavalent)	mg/kg	< 2	NONE					
Copper (Cu)	mg/kg	< 4	MCERTS					
Lead (Pb)	mg/kg	< 3	MCERTS					
Mercury (Hg)	mg/kg	< 1	MCERTS					
Nickel (Ni)	mg/kg	< 3	MCERTS					
Selenium (Se)	mg/kg	< 2	MCERTS					
Zinc (Zn)	mg/kg	< 3	MCERTS					
Total Phenols (monohydric)	mg/kg	< 2	NONE					

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS1	WS2	WS3	WS4	WS5
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.05	0.15	0.20	0.30	0.30
Reporting Date: 14/02/2024	DETS Sample No	697705	697706	697707	697708	697709

Determinand	Unit	RL	Accreditation	(n)				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.21	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.35	0.23	0.50	0.23	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	0.30	0.20	0.42	0.18	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.15	< 0.1	0.15	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.22	< 0.1	0.25	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.22	0.12	0.28	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.17	< 0.1	0.19	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	2	< 1.6	< 1.6

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS6	WS9	WS10	WS11	WS11
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.10	0.10	0.05	0.15	0.35
Reporting Date: 14/02/2024	DETS Sample No	697710	697712	697713	697714	697715

Determinand	Unit	RL	Accreditation	(n)		(n)	
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS12	WS17	WS13	WS14	WS15
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.40	0.20	0.20	0.15	0.10
Reporting Date: 14/02/2024	DETS Sample No	697716	697717	697718	697719	697720

Determinand	Unit	RL	Accreditation	(n)		(n)	
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS16	WS18	WS19	WS20	
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	
Order No: P5487J553b.6	Depth (m)	0.25	0.25	0.20	0.10	
Reporting Date: 14/02/2024	DETS Sample No	697721	697722	697723	697724	

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - EPH Banded (Type D)						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS1	WS2	WS3	WS4	WS5
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.05	0.15	0.20	0.30	0.30
Reporting Date: 14/02/2024	DETS Sample No	697705	697706	697707	697708	697709

Determinand	Unit	RL	Accreditation	(n)		(n)	
EPH (>C8 - C10) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C10 - C12) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C12 - C16) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C16 - C21) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C21 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6
EPH (C8 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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Soil Analysis Certificate - EPH Banded (Type D)						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS6	WS9	WS10	WS11	WS11
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.10	0.10	0.05	0.15	0.35
Reporting Date: 14/02/2024	DETS Sample No	697710	697712	697713	697714	697715

Determinand	Unit	RL	Accreditation	(n)		(n)	
EPH (>C8 - C10) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C10 - C12) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C12 - C16) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C16 - C21) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C21 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6
EPH (C8 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6



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Soil Analysis Certificate - EPH Banded (Type D)						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	02/02/24
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS12	WS17	WS13	WS14	WS15
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	ES
Order No: P5487J553b.6	Depth (m)	0.40	0.20	0.20	0.15	0.10
Reporting Date: 14/02/2024	DETS Sample No	697716	697717	697718	697719	697720

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)	(n)
EPH (>C8 - C10) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
EPH (>C10 - C12) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
EPH (>C12 - C16) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
EPH (>C16 - C21) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
EPH (>C21 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6	< 6
EPH (C8 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6	< 6



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Soil Analysis Certificate - EPH Banded (Type D)						
DETS Report No: 24-01143	Date Sampled	02/02/24	02/02/24	02/02/24	02/02/24	
Jomas Associates Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	
Site Reference: Folder's Lane (eastern Area), Burgess Hill	TP / BH No	WS16	WS18	WS19	WS20	
Project / Job Ref: J553b	Additional Refs	ES	ES	ES	ES	
Order No: P5487J553b.6	Depth (m)	0.25	0.25	0.20	0.10	
Reporting Date: 14/02/2024	DETS Sample No	697721	697722	697723	697724	

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)	(n)
EPH (>C8 - C10) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C10 - C12) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C12 - C16) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C16 - C21) : EH 1D Total	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1
EPH (>C21 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6
EPH (C8 - C35) : EH 1D Total	mg/kg	< 6	NONE	< 6	< 6	< 6	< 6



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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 24-01143
Jomas Associates Limited
Site Reference: Folder's Lane (eastern Area), Burgess Hill
Project / Job Ref: J553b
Order No: P5487J553b.6
Reporting Date: 14/02/2024

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
697705	WS1	ES	0.05	19.4	Light brown clay with vegetation
697706	WS2	ES	0.15	19	Light brown sandy clay with vegetation
697707	WS3	ES	0.20	20.5	Brown clay with vegetation
& 697708	WS4	ES	0.30	22.3	Brown sandy clay with vegetation
697709	WS5	ES	0.30	30	Light brown sandy clay with vegetation
697710	WS6	ES	0.10	29.5	Brown sandy clay with vegetation
697712	WS9	ES	0.10	24.2	Brown clay with vegetation
697713	WS10	ES	0.05	19.4	Brown clay with vegetation
697714	WS11	ES	0.15	20.7	Brown clay
697715	WS11	ES	0.35	18.7	Brown clay
697716	WS12	ES	0.40	19.3	Light brown clay
697717	WS17	ES	0.20	20.7	Brown clay with vegetation
697718	WS13	ES	0.20	19.1	Brown clay with vegetation
697719	WS14	ES	0.15	18.3	Brown clay
697720	WS15	ES	0.10	18.5	Brown sandy clay with stones and vegetation
697721	WS16	ES	0.25	17.9	Brown clay with stones
697722	WS18	ES	0.25	18.9	Brown clay with vegetation
697723	WS19	ES	0.20	28	Brown clay with vegetation
697724	WS20	ES	0.10	22	Brown clay with vegetation
697725	WS2	D	2.90	8.2	Brown sandy clay
697726	WS17	D	1.30	13.2	Grey sandy clay
697727	WS4	D	4.00	11	Grey sandy clay
697728	WS6	D	1.00	15.7	Light brown clay
697729	WS8	D	3.60	11.3	Light brown clay with vegetation
697730	WS11	D	2.60	15.4	Light grey sand
697731	WS13	D	1.50	12.7	Light grey sand
697732	WS20	D	2.60	12.4	Light brown sandy clay

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample ^{1/5}

& samples received in inappropriate containers for hydrocarbon analysis



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Soil Analysis Certificate - Methodology & Miscellaneous Information	
DETS Report No: 24-01143	
Jomas Associates Limited	
Site Reference: Folder's Lane (eastern Area), Burgess Hill	
Project / Job Ref: J553b	
Order No: P5487J553b.6	
Reporting Date: 14/02/2024	

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received



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List of HWOL Acronyms and Operators

DETS Report No: 24-01143

Jomas Associates Limited

Site Reference: Folder's Lane (eastern Area), Burgess Hill

Project / Job Ref: J553b

Order No: P5487J553b.6

Reporting Date: 14/02/2024

Acronym	Description
HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det - Acronym

EPH Spill Response Banded (C10 - C12) - EH_1D_Total

EPH Spill Response Banded (C12 - C16) - EH_1D_Total

EPH Spill Response Banded (C16 - C21) - EH_1D_Total

EPH Spill Response Banded (C21 - C35) - EH_1D_Total

EPH Spill Response Banded (C8 - C10) - EH_1D_Total

EPH Spill Response Banded (C8 - C35) - EH_1D_Total



James Orledge
Jonas Associates Limited
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Uxbridge
UB8 2RZ

Normec DETS Limited
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Rose Lane
Lenham Heath
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ME17 2JN
t: 01622 850410

DETS Report No: 24-02488

Site Reference: Folder's Lane (eastern Area), Burgess Hill

Project / Job Ref: J553b

Order No: P5487J553b.6

Sample Receipt Date: 06/02/2024

Sample Scheduled Date: 08/03/2024

Report Issue Number: 1

Reporting Date: 14/03/2024

Authorised by:

Steve Knight
Customer Support Manager

Dates of laboratory activities for each tested analyte are available upon request.

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.

For Topsoil and WAC analysis the expanded uncertainty measurement should be considered while evaluating results against compliance values.



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Waste Acceptance Criteria Analytical Certificate																																							
DETS Report No: 24-02488		~Date Sampled	02/02/24		<table border="1"> <thead> <tr> <th colspan="3">Landfill Waste Acceptance Criteria Limits</th> </tr> <tr> <th>Inert Waste Landfill</th> <th>Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill</th> <th>Hazardous Waste Landfill</th> </tr> </thead> <tbody> <tr> <td>3%</td> <td>5%</td> <td>6%</td> </tr> <tr> <td>--</td> <td>--</td> <td>10%</td> </tr> <tr> <td>6</td> <td>--</td> <td>--</td> </tr> <tr> <td>1</td> <td>--</td> <td>--</td> </tr> <tr> <td>500</td> <td>--</td> <td>--</td> </tr> <tr> <td>100</td> <td>--</td> <td>--</td> </tr> <tr> <td>--</td> <td>>6</td> <td>--</td> </tr> <tr> <td>--</td> <td>To be evaluated</td> <td>To be evaluated</td> </tr> </tbody> </table>					Landfill Waste Acceptance Criteria Limits			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill	3%	5%	6%	--	--	10%	6	--	--	1	--	--	500	--	--	100	--	--	--	>6	--	--	To be evaluated	To be evaluated
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500	--	--																																					
100	--	--																																					
--	>6	--																																					
--	To be evaluated	To be evaluated																																					
Jomas Associates Limited		~Time Sampled	None Supplied																																				
~Site Reference: Folder's Lane (eastern Area), Burgess Hill		~TP / BH No	WS4																																				
~Project / Job Ref: J553b		~Additional Refs	None Supplied																																				
~Order No: P5487J553b.6		~Depth (m)	0.30																																				
Reporting Date: 14/03/2024		DETS Sample No	703071																																				
Determinand	Unit	MDL																																					
TOC ^{MU}	%	< 0.1	1.8																																				
Loss on Ignition ^{MU}	%	< 0.01	6.80																																				
BTEX ^{MU}	mg/kg	< 0.05	< 0.05																																				
Sum of PCBs	mg/kg	< 0.1	< 0.1																																				
Mineral Oil ^{MU}	mg/kg	< 10	< 10																																				
Total PAH ^{MU}	mg/kg	< 1.7	< 1.7																																				
pH ^{MU}	pH Units	N/a	6.1																																				
Acid Neutralisation Capacity	mol/kg (+/-)	< 1	< 1																																				
Eluate Analysis			10:1			Cumulative 10:1 *	Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg (mg/kg)																																
		mg/l				mg/kg																																	
Arsenic ^U		< 0.0002				< 0.002	0.5	2	25																														
Barium ^U		0.0009				0.009	20	100	300																														
Cadmium ^U		< 0.0002				< 0.002	0.04	1	5																														
Chromium ^U		0.0006				0.006	0.5	10	70																														
Copper ^U		0.0016				0.016	2	50	100																														
Mercury ^U		< 0.00004				< 0.0004	0.01	0.2	2																														
Molybdenum ^U		< 0.0002				< 0.002	0.5	10	30																														
Nickel ^U		0.0003				0.003	0.4	10	40																														
Lead ^U		0.0003				0.003	0.5	10	50																														
Antimony ^U		< 0.0002				< 0.002	0.06	0.7	5																														
Selenium ^U		< 0.0002				< 0.002	0.1	0.5	7																														
Zinc ^U		0.005				0.05	4	50	200																														
Chloride ^U		< 1.0				< 10	800	15000	25000																														
Fluoride ^U		< 0.5				< 5	10	150	500																														
Sulphate ^U		1.4				14	1000	20000	50000																														
TDS		12				120	4000	60000	100000																														
Phenol Index ^U		< 0.01				< 0.1	1	-	-																														
DOC ^U		5.5				54.9	500	800	1000																														
Leach Test Information																																							
Sample Mass (kg)		0.11																																					
Dry Matter (%)		78.7																																					
Moisture (%)		27																																					
Stage 1																																							
Volume Eluate L10 (litres)		0.88																																					

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Samples Descriptions page describes if the test is performed on the dried or as-received portion

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M Denotes MCERTS accredited test

U Denotes ISO17025 accredited test

~ Sample details provided by the customer

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Waste Acceptance Criteria Analytical Certificate																																							
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Jomas Associates Limited		~Time Sampled	None Supplied																																				
~Site Reference: Folder's Lane (eastern Area), Burgess Hill		~TP / BH No	WS14																																				
~Project / Job Ref: J553b		~Additional Refs	None Supplied																																				
~Order No: P5487J553b.6		~Depth (m)	0.15																																				
Reporting Date: 14/03/2024		DETS Sample No	703072																																				
Determinand	Unit	MDL																																					
TOC ^{MU}	%	< 0.1	1.2																																				
Loss on Ignition ^{MU}	%	< 0.01	4.50																																				
BTEX ^{MU}	mg/kg	< 0.05	< 0.05																																				
Sum of PCBs	mg/kg	< 0.1	< 0.1																																				
Mineral Oil ^{MU}	mg/kg	< 10	< 10																																				
Total PAH ^{MU}	mg/kg	< 1.7	< 1.7																																				
pH ^{MU}	pH Units	N/a	6.0																																				
Acid Neutralisation Capacity	mol/kg (+/-)	< 1	< 1																																				
Eluate Analysis			10:1 mg/l			Cumulative 10:1 * mg/kg	Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg (mg/kg)																																
Arsenic ^U		< 0.0002				< 0.002	0.5	2	25																														
Barium ^U		0.0035				0.035	20	100	300																														
Cadmium ^U		< 0.0002				< 0.002	0.04	1	5																														
Chromium ^U		< 0.0002				< 0.002	0.5	10	70																														
Copper ^U		0.0008				0.008	2	50	100																														
Mercury ^U		< 0.00004				< 0.0004	0.01	0.2	2																														
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Antimony ^U		< 0.0002				< 0.002	0.06	0.7	5																														
Selenium ^U		< 0.0002				< 0.002	0.1	0.5	7																														
Zinc ^U		0.004				0.04	4	50	200																														
Chloride ^U		< 1.0				< 10	800	15000	25000																														
Fluoride ^U		< 0.5				< 5	10	150	500																														
Sulphate ^U		< 1.0				< 10	1000	20000	50000																														
TDS		8				80	4000	60000	100000																														
Phenol Index ^U		< 0.01				< 0.1	1	-	-																														
DOC ^U		6.2				61.7	500	800	1000																														
Leach Test Information																																							
Sample Mass (kg)			0.11																																				
Dry Matter (%)			81.1																																				
Moisture (%)			23.4																																				
Stage 1																																							
Volume Eluate L10 (litres)			0.88																																				

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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 24-02488	
Jomas Associates Limited	
~Site Reference: Folder's Lane (eastern Area), Burgess Hill	
~Project / Job Ref: J553b	
~Order No: P5487J553b.6	
Reporting Date: 14/03/2024	

DETS Sample No	~TP / BH No	~Additional Refs	~Depth (m)	Moisture Content (%)	Sample Matrix Description
\$ 703071	WS4	None Supplied	0.30	21.3	Light brown sandy clay with vegetation
\$ 703072	WS14	None Supplied	0.15	18.9	Light brown sandy clay

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample ^{1/s}

Unsuitable Sample ^{u/s}

~ Sample details provided by the customer

\$ samples exceeded recommended holding times



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Maidstone
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Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 24-02488

Jomas Associates Limited

~Site Reference: Folder's Lane (eastern Area), Burgess Hill

~Project / Job Ref: J553b

~Order No: P5487J553b.6

Reporting Date: 14/03/2024

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenyldiazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried

AR As Received

~ Sample details provided by the customer



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Water Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 24-02488

Jomas Associates Limited

~Site Reference: Folder's Lane (eastern Area), Burgess Hill

~Project / Job Ref: J553b

~Order No: P5487J553b.6

Reporting Date: 14/03/2024

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Water	UF	Alkalinity	Determination of alkalinity by titration against hydrochloric acid using bromocresol green as the end point	E103
Water	F	Ammoniacal Nitrogen	Determination of ammoniacal nitrogen by discrete analyser.	E126
Water	UF	BTEX	Determination of BTEX by headspace GC-MS	E101
Water	F	Cations	Determination of cations by filtration followed by ICP-MS	E102
Water	U	Chemical Oxygen Demand (COD)	Determination using a COD reactor followed by colorimetry	E112
Water	UF	Biological Oxygen Demand (BOD)	Determination using BOD sensors measuring the change of pressure	E133
Water	F	Chloride	Determination of chloride by filtration & analysed by ion chromatography	E109
Water	F	Chromium - Hexavalent	Determination of hexavalent chromium by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E116
Water	UF	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E115
Water	UF	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E115
Water	UF	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E115
Water	UF	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through liquid:liquid extraction with cyclohexane	E111
Water	F	Diesel Range Organics (C10 - C24)	Determination of liquid:liquid extraction with hexane followed by GC-FID	E104
Water	F	Dissolved Organic Content (DOC)	Determination of DOC by filtration followed by low heat with persulphate addition followed by IR detection	E110
Water	UF	Electrical Conductivity	Determination of electrical conductivity by electrometric measurement	E123
Water	F	EPH (C10 - C40)	Determination of liquid:liquid extraction with hexane followed by GC-FID	E104
Water	F	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of liquid:liquid extraction with hexane followed by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E104
Water	F	Fluoride	Determination of Fluoride by filtration & analysed by ion chromatography	E109
Water	F	Hardness	Determination of Ca and Mg by ICP-MS followed by calculation	E102
Leachate	F	Leachate Preparation - NRA	Based on National Rivers Authority leaching test 1994	E301
Leachate	F	Leachate Preparation - WAC	Based on BS EN 12457 Pt1, 2, 3	E302
Water	F	Metals	Determination of metals by filtration followed by ICP-MS	E102
Water	F	Mineral Oil (C10 - C40)	Determination of liquid:liquid extraction with hexane followed by GI-FID	E104
Water	F	Nitrate	Determination of nitrate by filtration & analysed by ion chromatography	E109
Water	UF	Monohydric Phenol	Determination of phenols by distillation followed by colorimetry	E121
Water	F	PAH - Speciated (EPA 16)	Determination of PAH compounds by concentration through SPE cartridge, collection in dichloromethane followed by GC-MS	E105
Water	F	PCB - 7 Congeners	Determination of PCB compounds by concentration through SPE cartridge, collection in dichloromethane followed by GC-MS	E108
Water	UF	Petroleum Ether Extract (PEE)	Gravimetrically determined through liquid:liquid extraction with petroleum ether	E111
Water	UF	pH	Determination of pH by electrometric measurement	E107
Water	F	Phosphate	Determination of phosphate by filtration & analysed by ion chromatography	E109
Water	UF	Redox Potential	Determination of redox potential by electrometric measurement	E113
Water	F	Sulphate (as SO4)	Determination of sulphate by filtration & analysed by ion chromatography	E109
Water	UF	Sulphide	Determination of sulphide by distillation followed by colorimetry	E118
Water	F	SVOC	Determination of semi-volatile organic compounds by concentration through SPE cartridge, collection in dichloromethane followed by GC-MS	E106
Water	UF	Toluene Extractable Matter (TEM)	Gravimetrically determined through liquid:liquid extraction with toluene	E111
Water	UF	Total Organic Carbon (TOC)	Low heat with persulphate addition followed by IR detection	E110
Water	F	TPH CWG (all: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of liquid:liquid extraction with hexane, fractionating with SPE followed by GC-FID for C8 to C35. C5 to C8 by headspace GC-MS	E104
Water	F	TPH LQM (all: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of liquid:liquid extraction with hexane, fractionating with SPE followed by GC-FID for C8 to C44. C5 to C8 by headspace GC-MS	E104
Water	UF	VOCs	Determination of volatile organic compounds by headspace GC-MS	E101
Water	UF	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E101

Key

F Filtered

UF Unfiltered

~ Sample details provided by the customer



Normec DETS Limited
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



List of HWOL Acronyms and Operators
DETS Report No: 24-02488
Jomas Associates Limited
~Site Reference: Folder's Lane (eastern Area), Burgess Hill
~Project / Job Ref: J553b
~Order No: P5487J553b.6
Reporting Date: 14/03/2024

Acronym	Description
HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total
~	Sample details provided by the customer

Mineral Oil (C10 - C40) (BS EN 12457-2) - EH_CU_1D_AL
Total BTEX (BS EN 12457-2) - HS_1D_MS_Total

Parameter	Matrix Type	Expanded Uncertainty Measurement	Unit
TOC	Soil	12.2	%
Loss on Ignition	Soil	22.9	%
BTEX	Soil	11.2	%
Sum of PCBs	Soil	43.4	%
Mineral Oil	Soil	9.0	%
Total PAH	Soil	18.5	%
pH	Soil	0.335	Units
Acid Neutralisation Capacity	Soil	18.0	%
Clay Content	Soil	15.0	%
Silt Content	Soil	14.0	%
Sand Content	Soil	13.0	%
Loss on Ignition	Soil	22.9	%
pH	Soil	0.335	Units
Carbonate	Soil	12.0	%
Total Nitrogen	Soil	12.0	%
Phosphorus (Extractable)	Soil	24.0	%
Potassium (Extractable)	Soil	20.0	%
Magnesium (Extractable)	Soil	26.0	%
Zinc	Soil	21.6	%
Copper	Soil	18.2	%
Nickel	Soil	24.3	%
Available Sodium	Soil	23.0	%
Available Calcium	Soil	23.0	%
Electrical Conductivity	Soil	10.0	%

APPENDIX 4 – GEOTECHNICAL LABORATORY TEST RESULTS



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS1

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

0.40

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown, light grey and orangish brown mottled slightly sandy silty
CLAY with roots

Samples received

07/02/2024

Schedules received

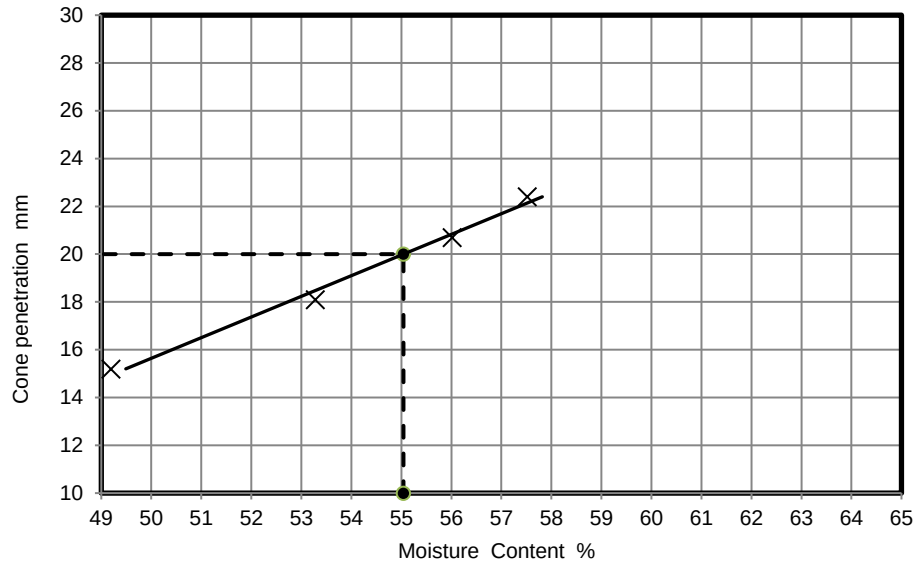
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024

NATURAL MOISTURE
CONTENT

26

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

55

%

PLASTIC LIMIT

22

%

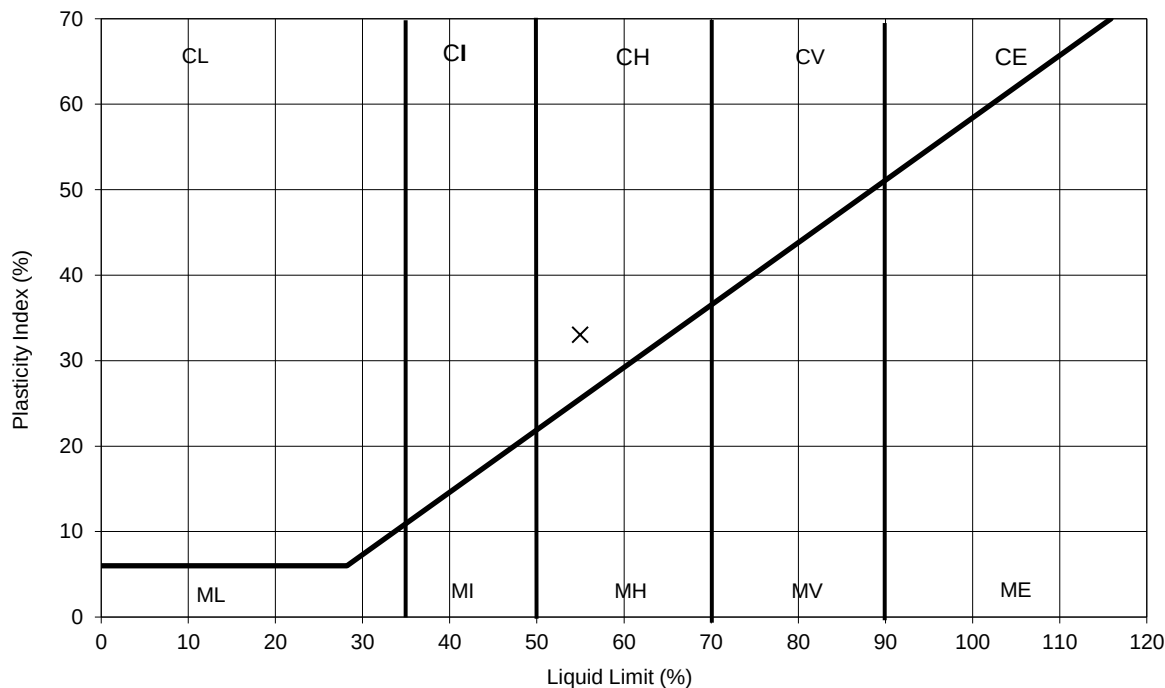
PLASTICITY INDEX

33

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and
Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34819

Borehole/Pit No. WS2

Site Name Folders Lane (Eastern Area) Burgess Hill

Sample No. -

Project No. J553b Client Jomas Associates

Depth Top 2.90 m

Depth Base - m

Sample Type D

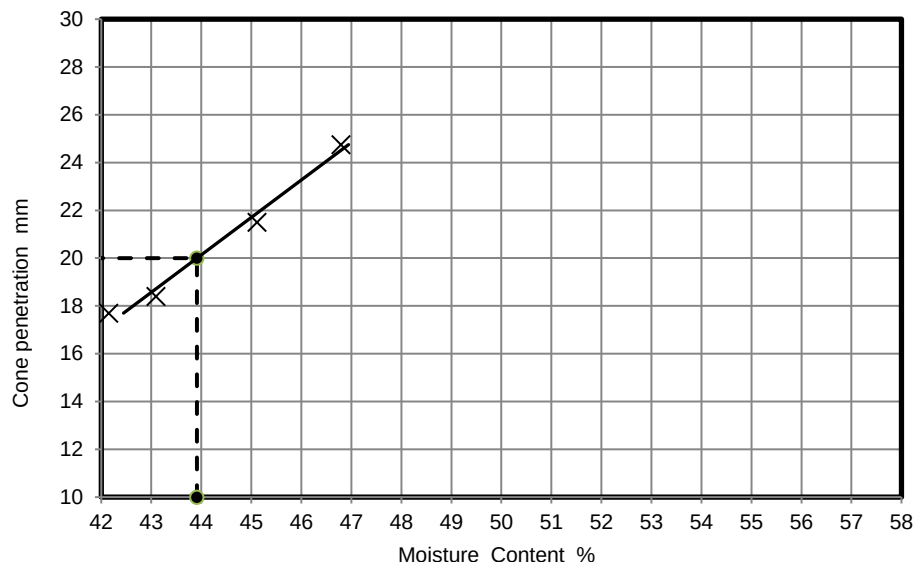
Soil Description Brown silty CLAY with sandy patches

Samples received 07/02/2024

Schedules received 02/02/2024

Project Started 08/02/2024

Date Tested 23/02/2024



NATURAL MOISTURE CONTENT

17 %

% PASSING 425µm SIEVE

100 %

LIQUID LIMIT

44 %

PLASTIC LIMIT

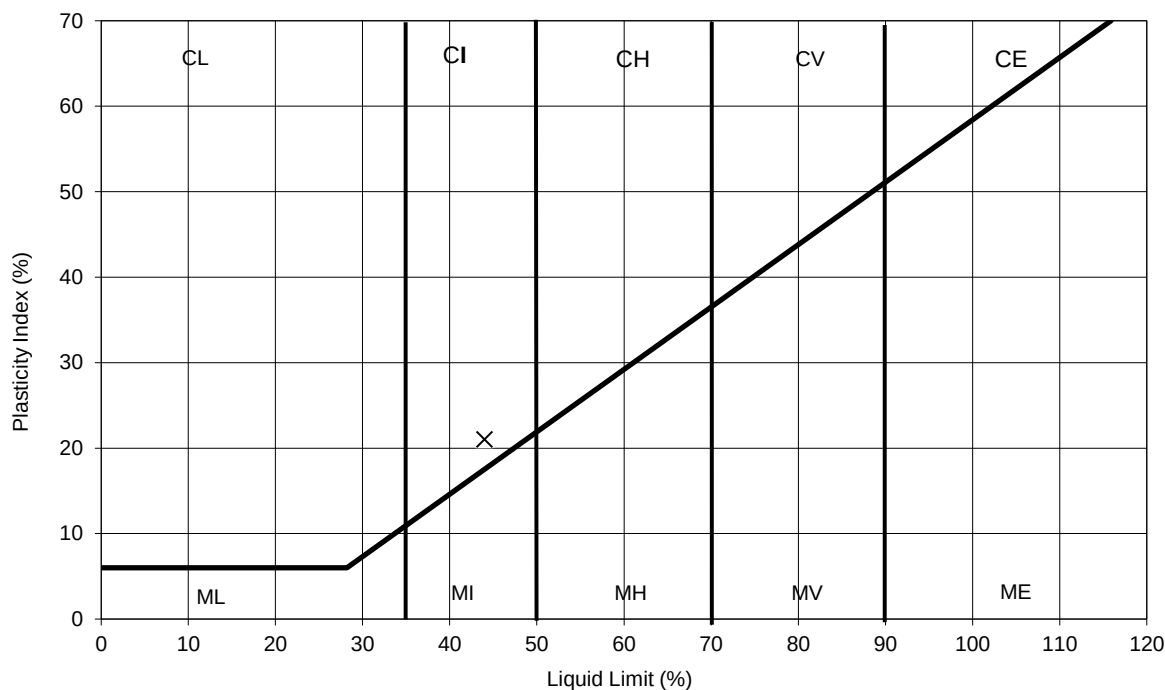
23 %

PLASTICITY INDEX

21 %

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

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MSF-5 R2

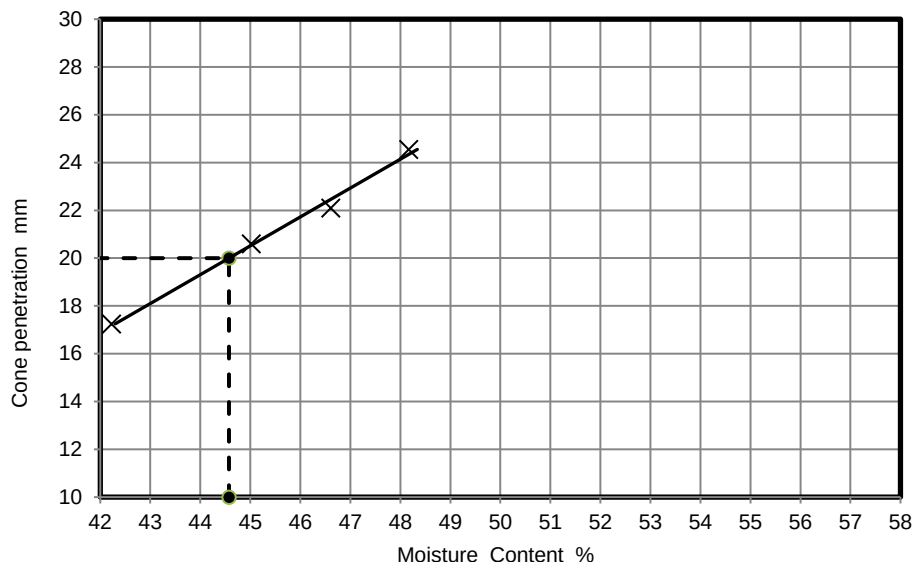


LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	34819
Borehole/Pit No.	WS3
Sample No.	-
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	07/02/2024
Schedules received	02/02/2024
Project Started	08/02/2024
Date Tested	23/02/2024

Site Name	Folers Lane (Eastern Area) Burgess Hill		
Project No.	J553b	Client	Jomas Associates

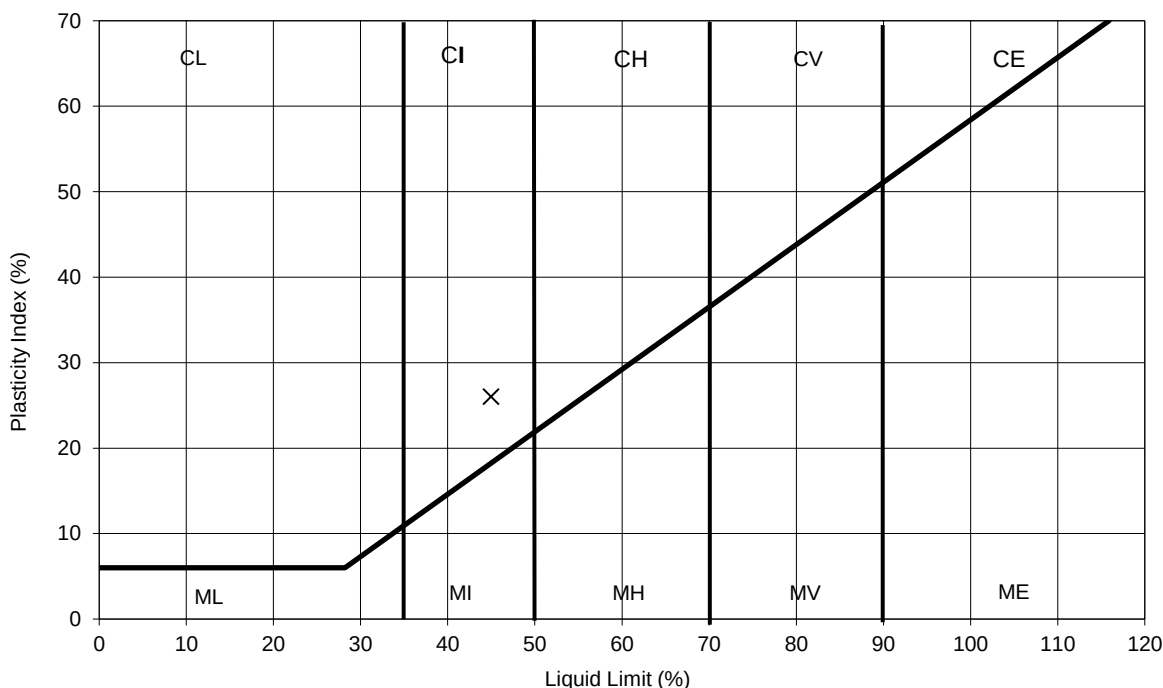
Soil Description Light grey mottled orangish brown silty CLAY



NATURAL MOISTURE CONTENT	21	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	45	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	26	%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS4

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

0.70

m

Depth Base

-

m

Sample Type

D

Samples received

07/02/2024

Schedules received

02/02/2024

Project Started

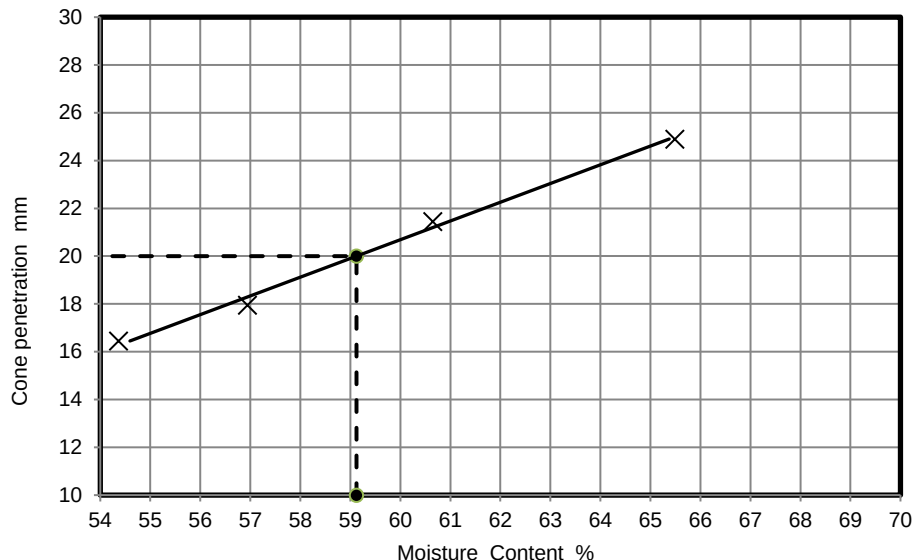
08/02/2024

Date Tested

23/02/2024

Soil Description

Brown silty CLAY



NATURAL MOISTURE CONTENT

25

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

59

%

PLASTIC LIMIT

23

%

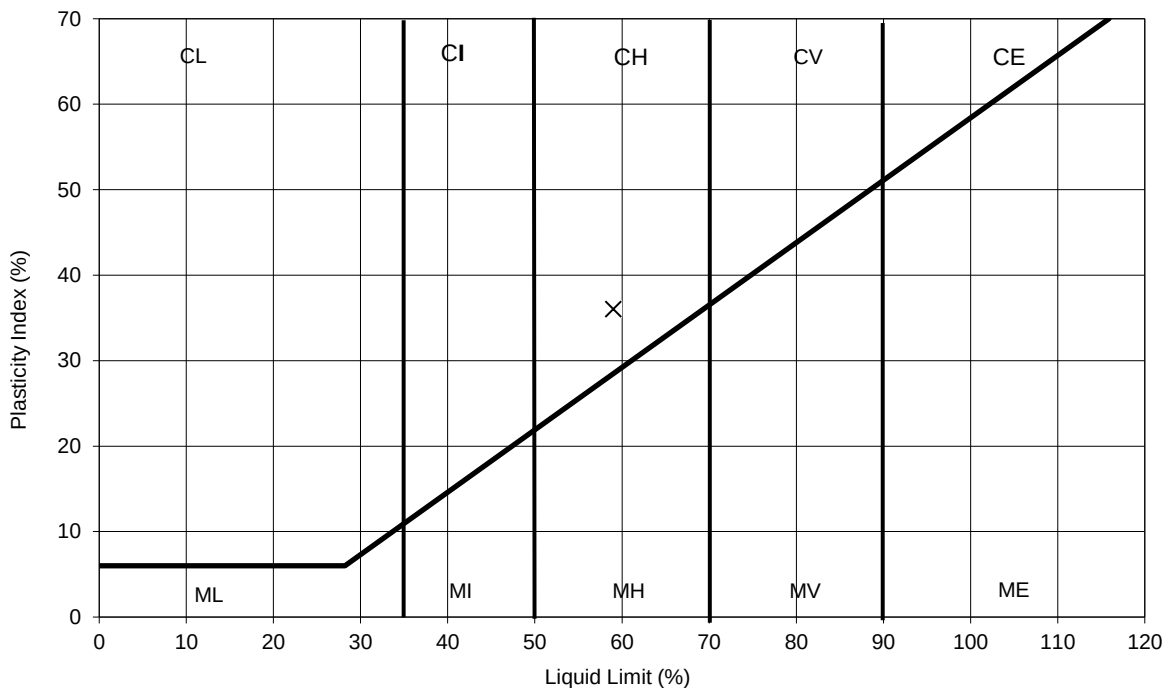
PLASTICITY INDEX

36

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34819

Borehole/Pit No. WS5

Site Name Folders Lane (Eastern Area) Burgess Hill

Sample No. -

Project No. J553b Client Jomas Associates

Depth Top 1.50 m

Depth Base - m

Sample Type D

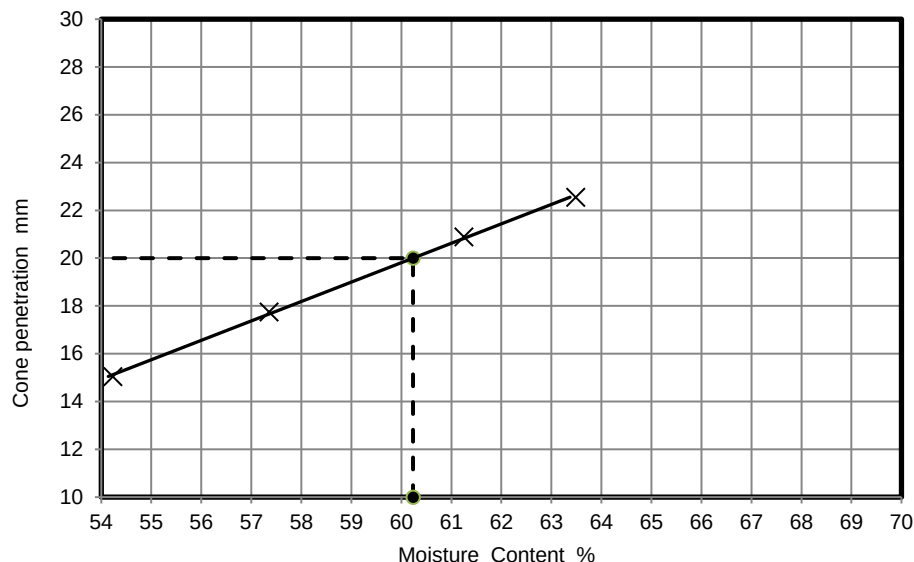
Soil Description Orangish brown silty CLAY

Samples received 07/02/2024

Schedules received 02/02/2024

Project Started 08/02/2024

Date Tested 23/02/2024



NATURAL MOISTURE CONTENT

25

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

60

%

PLASTIC LIMIT

23

%

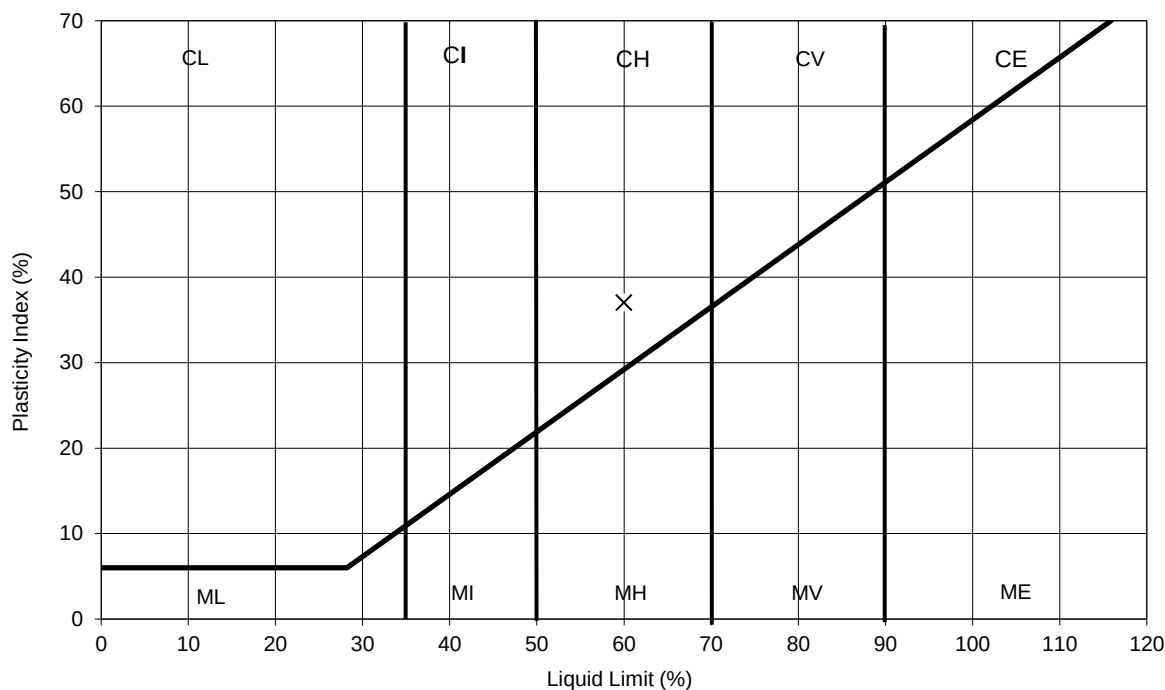
PLASTICITY INDEX

37

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS6

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

2.00

m

Depth Base

-

m

Sample Type

D

Soil Description

Reddish brown mottled light grey silty CLAY

Samples received

07/02/2024

Schedules received

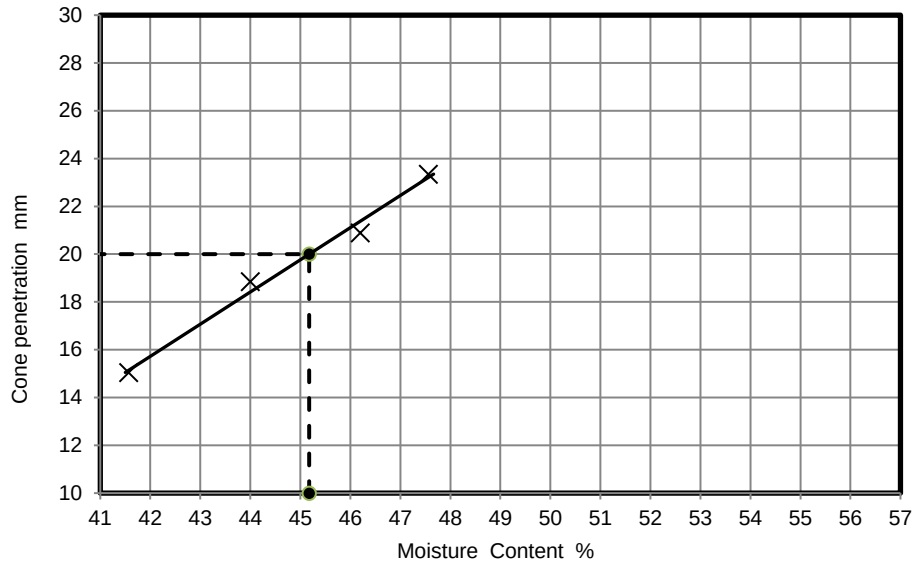
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024

**NATURAL MOISTURE CONTENT**

18

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

45

%

PLASTIC LIMIT

20

%

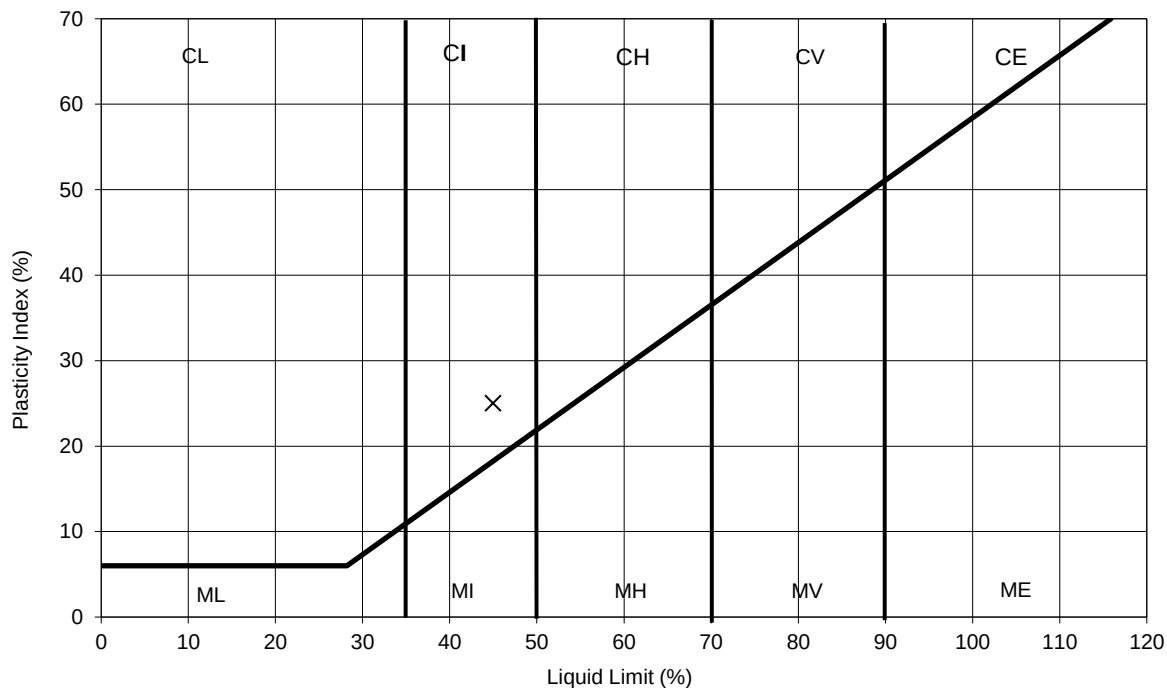
PLASTICITY INDEX

25

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS7

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

2.50

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown mottled light grey silty CLAY

Samples received

07/02/2024

Schedules received

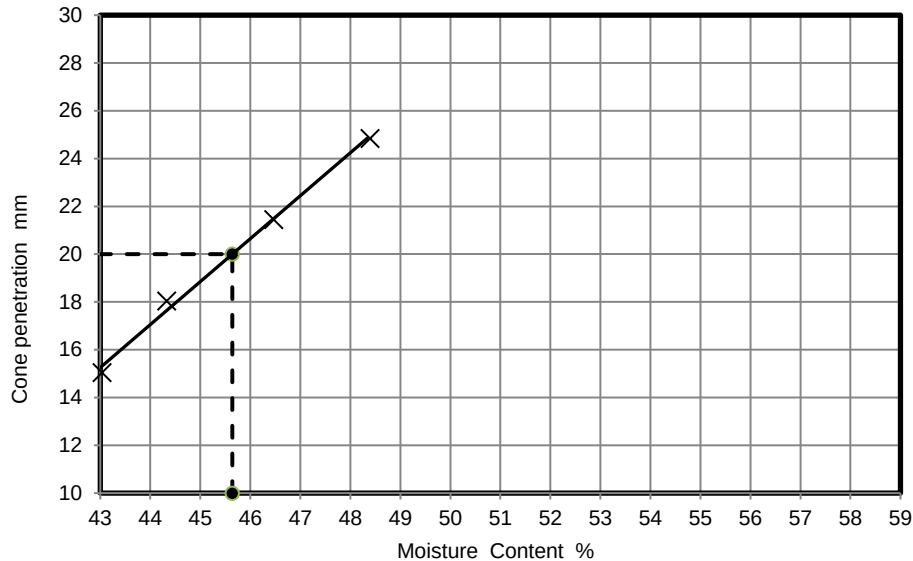
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024



NATURAL MOISTURE CONTENT

20

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

46

%

PLASTIC LIMIT

23

%

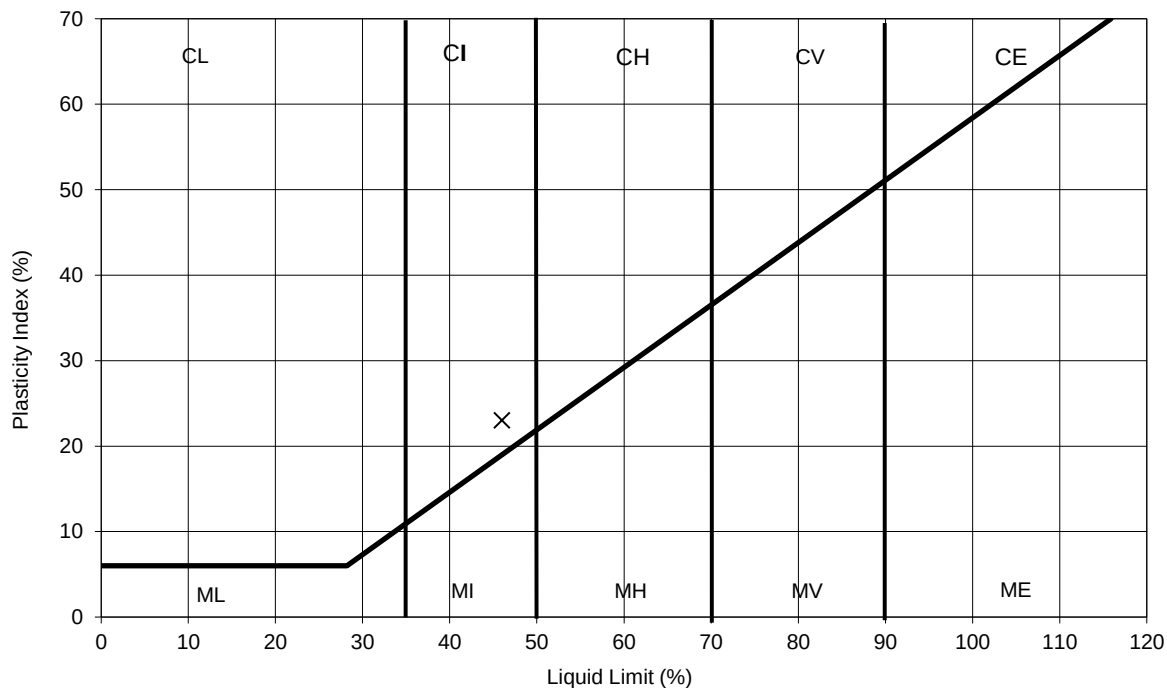
PLASTICITY INDEX

23

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

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MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS8

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

3.60

m

Depth Base

-

m

Sample Type

D

Soil Description

Reddish brown mottled brown and light grey silty CLAY

Samples received

07/02/2024

Schedules received

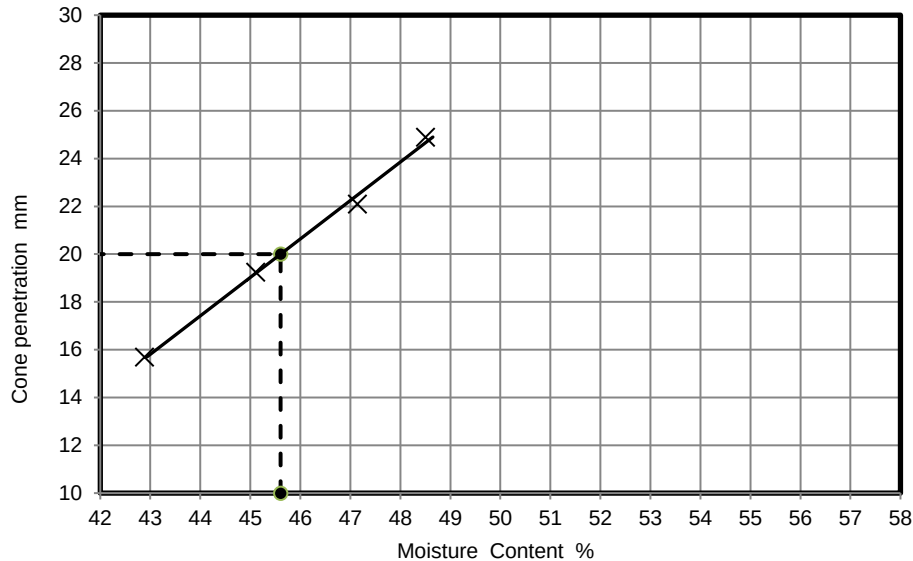
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024

**NATURAL MOISTURE CONTENT**

19

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

46

%

PLASTIC LIMIT

23

%

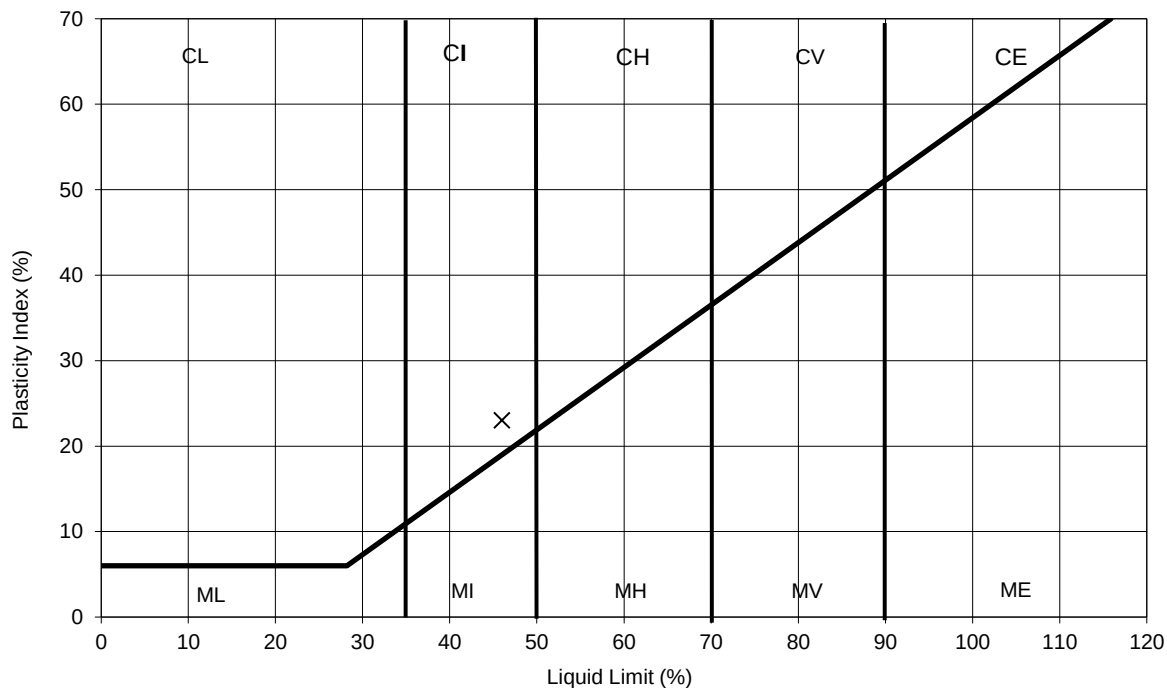
PLASTICITY INDEX

23

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS9

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

0.60

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown mottled light grey silty CLAY

Samples received

07/02/2024

Schedules received

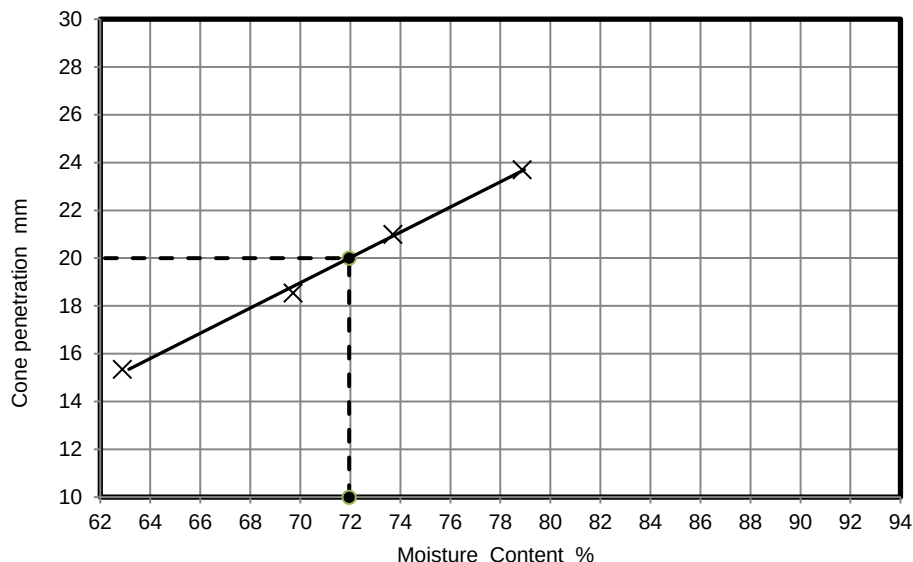
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024



NATURAL MOISTURE CONTENT

32

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

72

%

PLASTIC LIMIT

26

%

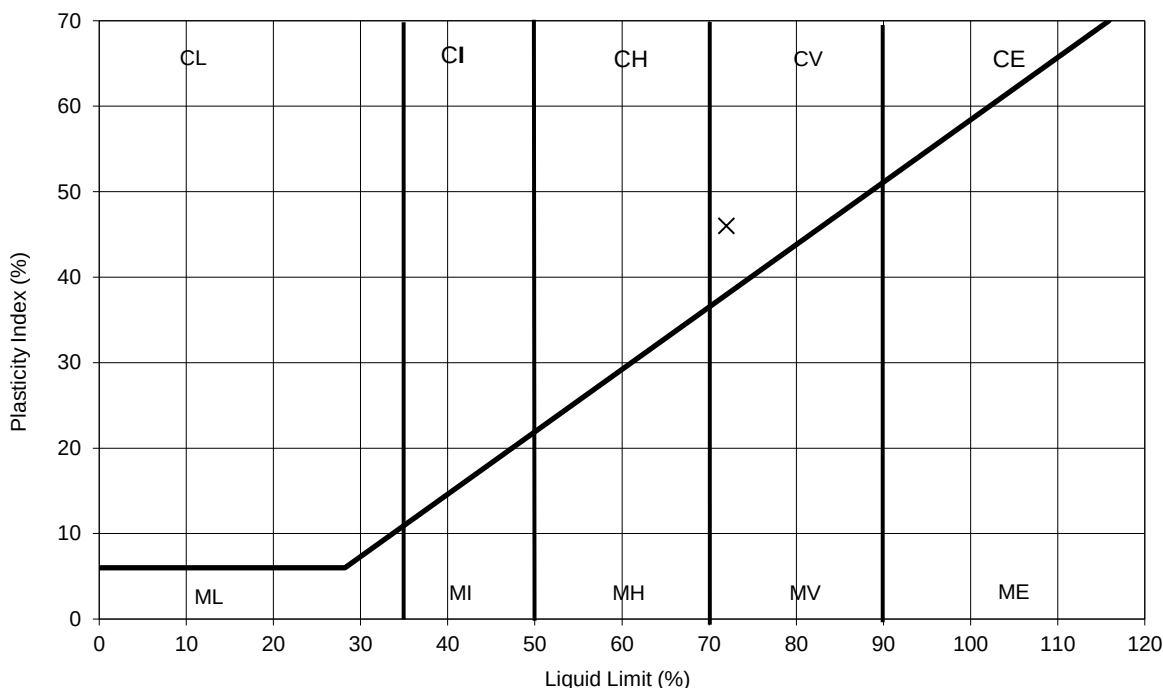
PLASTICITY INDEX

46

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS10

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

1.20

m

Depth Base

-

m

Sample Type

D

Soil Description

Reddish brown mottled brown and light grey silty CLAY

Samples received

07/02/2024

Schedules received

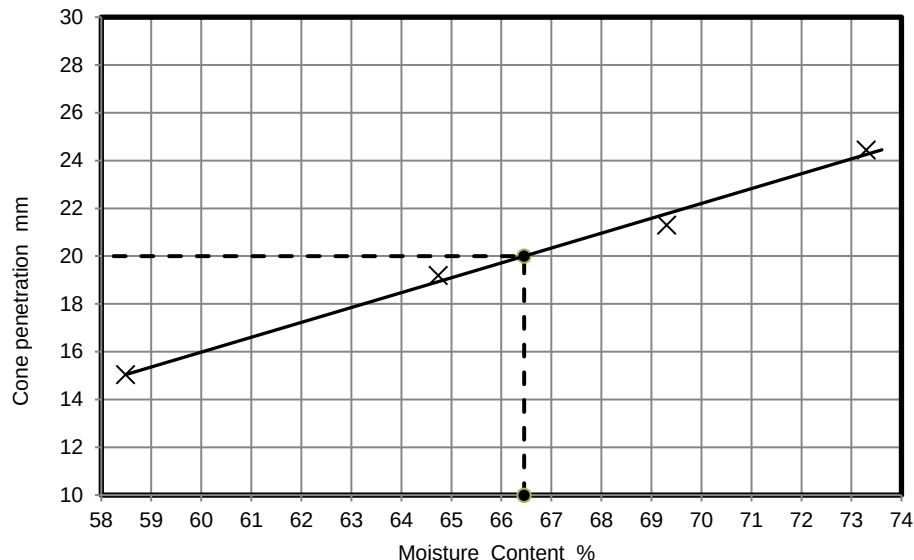
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024



NATURAL MOISTURE CONTENT

27

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

66

%

PLASTIC LIMIT

25

%

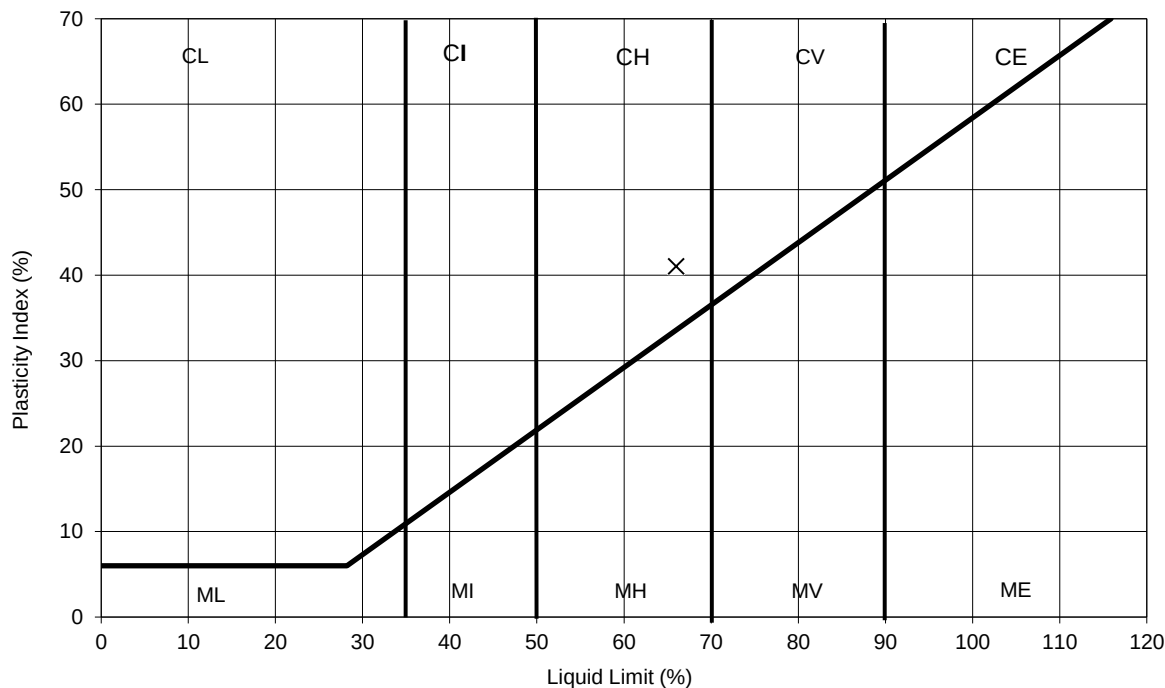
PLASTICITY INDEX

41

%

Remarks

PLASTICITY INDEX



These results only apply to the items tested. The report shall not be reproduced except in full without authority of the laboratory

TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

MSF-5 R2

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34819

Borehole/Pit No. WS11

Site Name Folders Lane (Eastern Area) Burgess Hill

Sample No. -

Project No. J553b Client Jomas Associates

Depth Top 2.60 m

Depth Base - m

Sample Type D

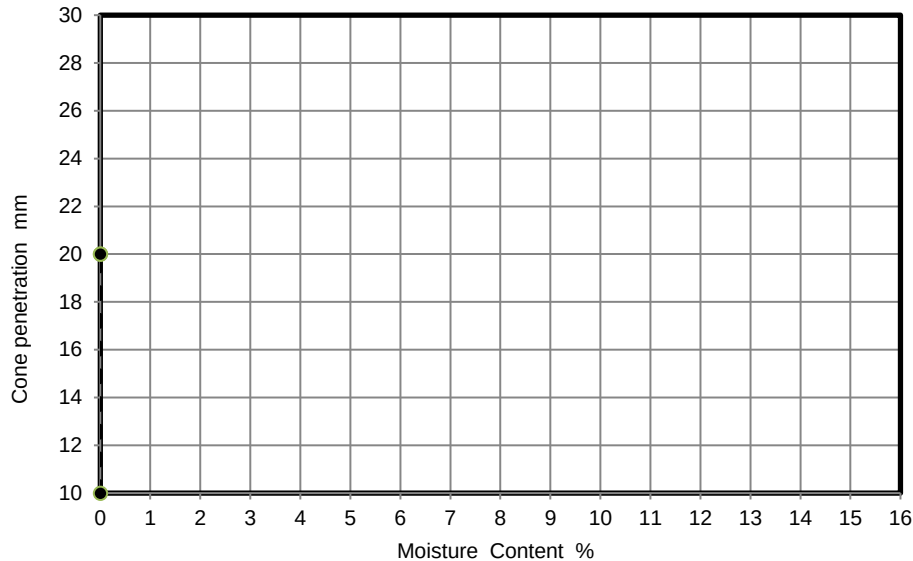
Soil Description Light grey mottled orangish brown slightly silty fine SAND

Samples received 07/02/2024

Schedules received 02/02/2024

Project Started 08/02/2024

Date Tested 23/02/2024

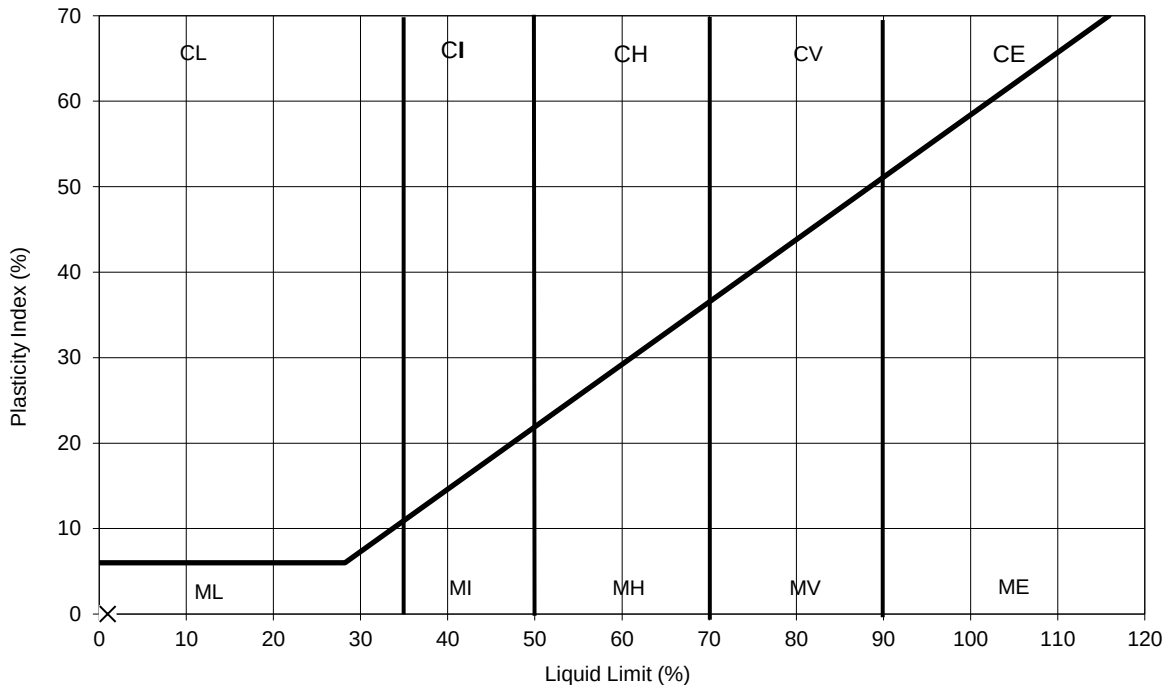


NATURAL MOISTURE CONTENT	19	%
% PASSING 425µm SIEVE	-	%
LIQUID LIMIT	-	%
PLASTIC LIMIT	-	%
PLASTICITY INDEX	-	%

Remarks

NON-PLASTIC

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS12

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

1.40

m

Depth Base

-

m

Sample Type

D

Soil Description

Reddish brown mottled light grey silty CLAY with sandy patches

Samples received

07/02/2024

Schedules received

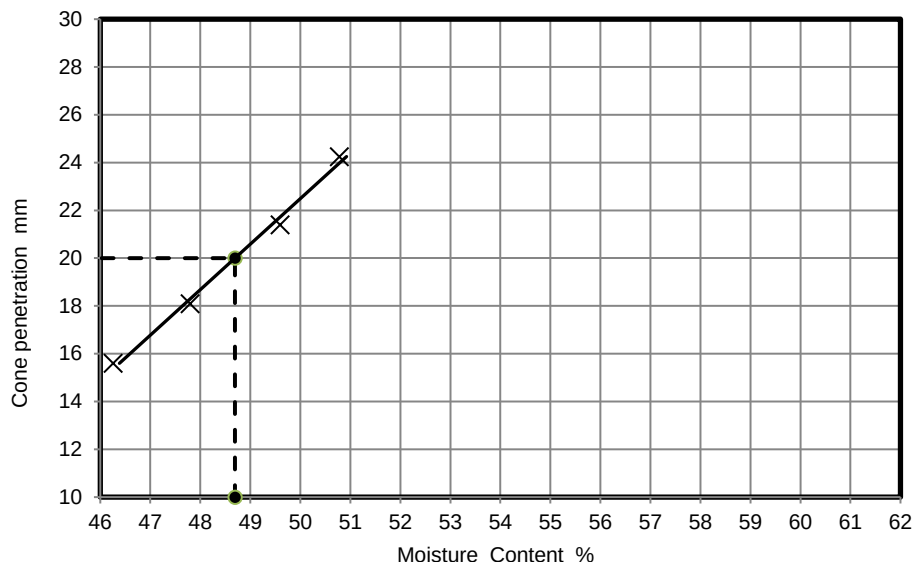
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024



NATURAL MOISTURE CONTENT

22

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

49

%

PLASTIC LIMIT

23

%

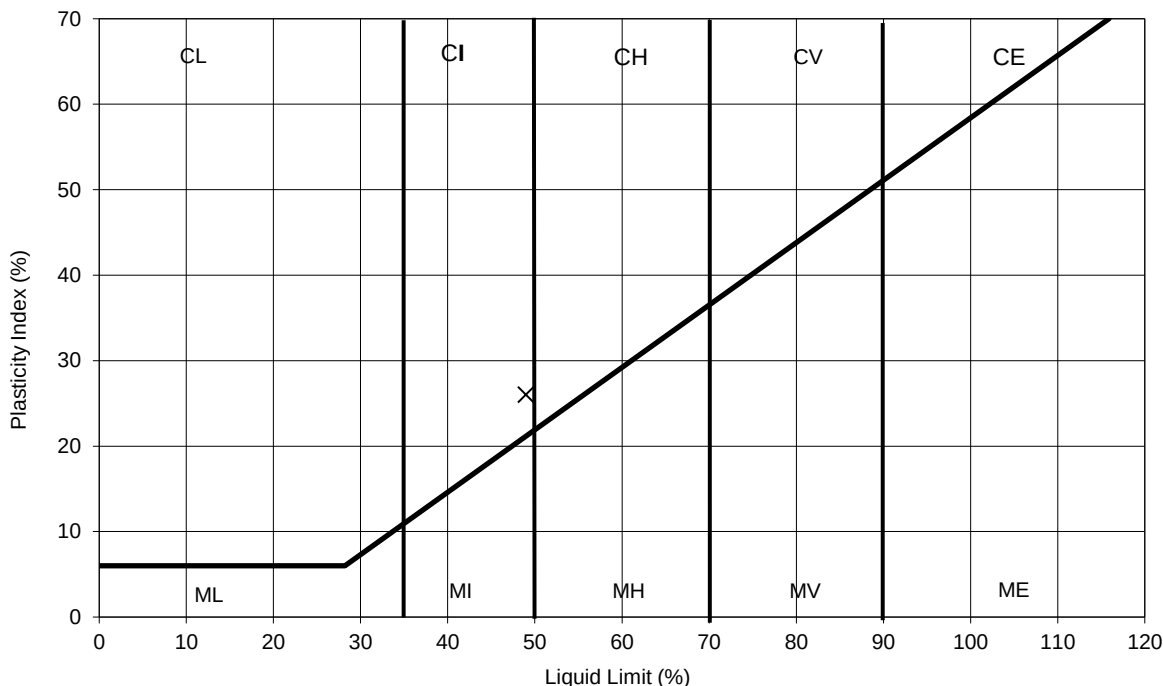
PLASTICITY INDEX

26

%

Remarks

PLASTICITY INDEX



These results only apply to the items tested. The report shall not be reproduced except in full without authority of the laboratory

TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

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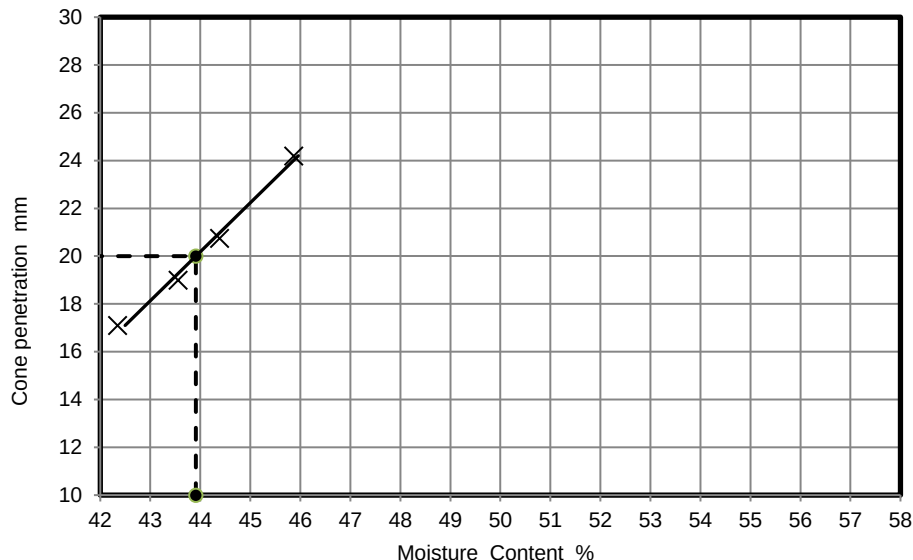
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	34819
Borehole/Pit No.	WS13
Sample No.	-
Depth Top	3.50 m
Depth Base	- m
Sample Type	D
Samples received	07/02/2024
Schedules received	02/02/2024
Project Started	08/02/2024
Date Tested	23/02/2024

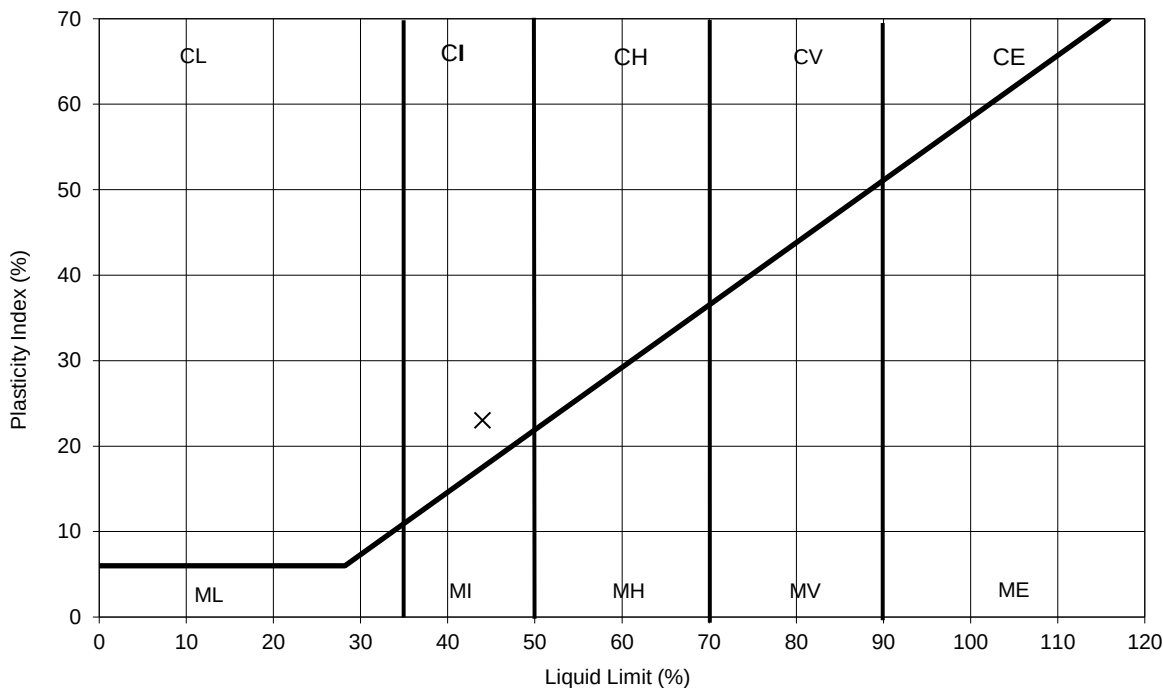
Site Name	Folers Lane (Eastern Area) Burgess Hill		
Project No.	J553b	Client	Jomas Associates
Soil Description	Reddish brown silty CLAY with brown sandy patches		



NATURAL MOISTURE CONTENT	20	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	44	%
PLASTIC LIMIT	21	%
PLASTICITY INDEX	23	%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34819

Borehole/Pit No. WS14

Site Name Folders Lane (Eastern Area) Burgess Hill

Sample No. -

Project No. J553b Client Jomas Associates

Depth Top 0.70 m

Depth Base - m

Sample Type D

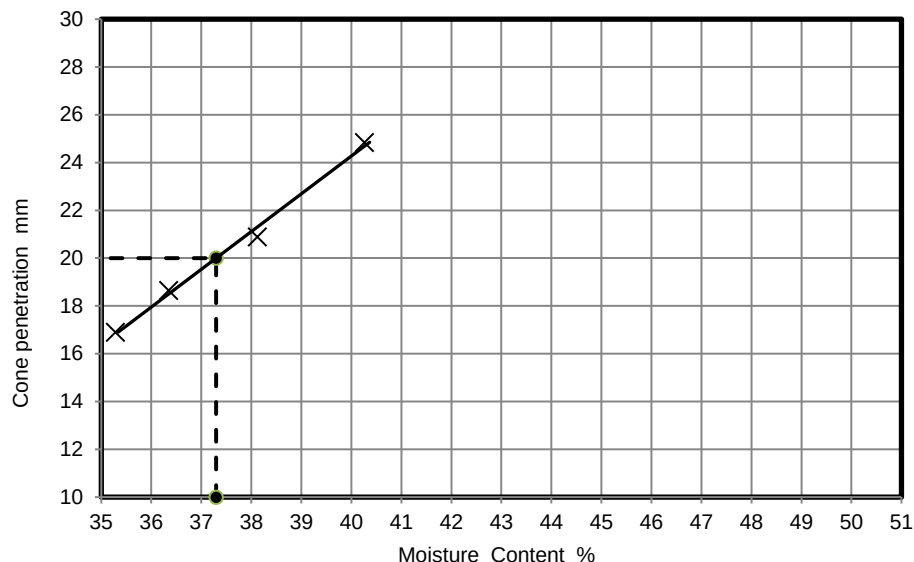
Soil Description Brown mottled light grey sandy silty CLAY

Samples received 07/02/2024

Schedules received 02/02/2024

Project Started 08/02/2024

Date Tested 23/02/2024



NATURAL MOISTURE CONTENT

19 %

% PASSING 425µm SIEVE

100 %

LIQUID LIMIT

37 %

PLASTIC LIMIT

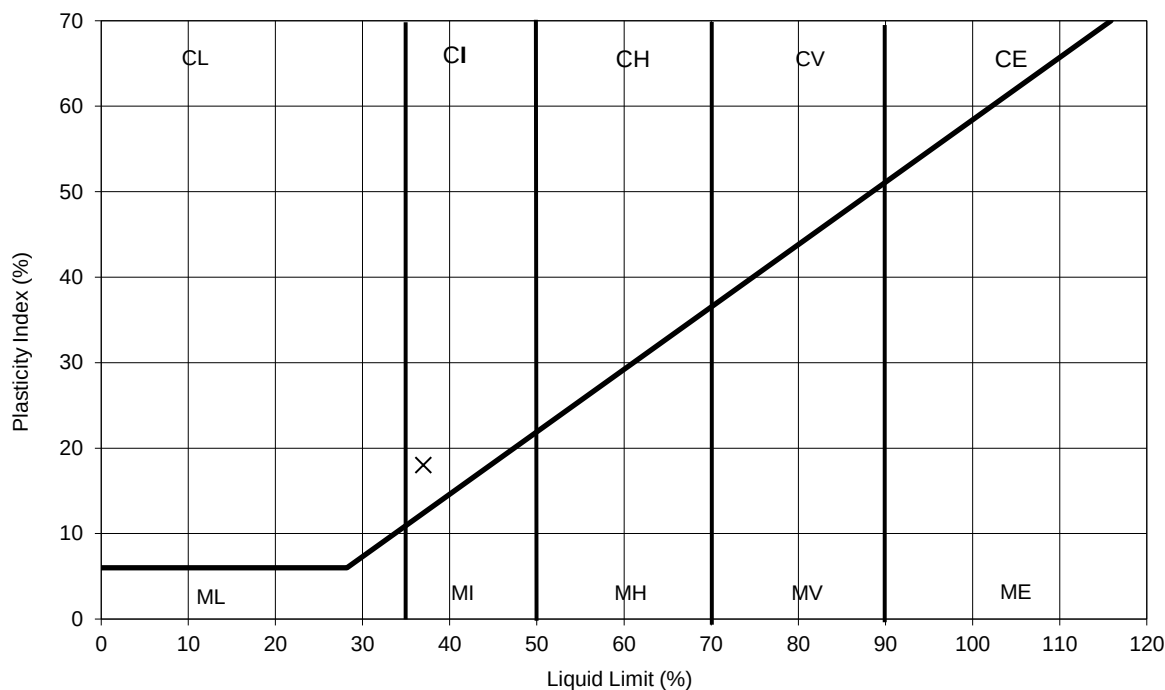
19 %

PLASTICITY INDEX

18 %

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS15

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

0.65

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown, light grey and orangish brown mottled slightly sandy silty
CLAY

Samples received

07/02/2024

Schedules received

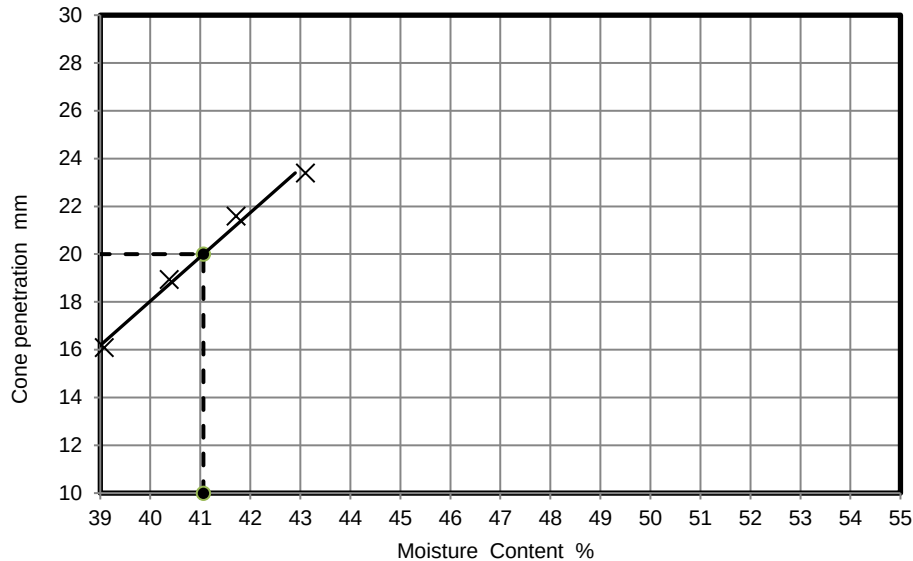
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024

NATURAL MOISTURE
CONTENT

25

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

41

%

PLASTIC LIMIT

20

%

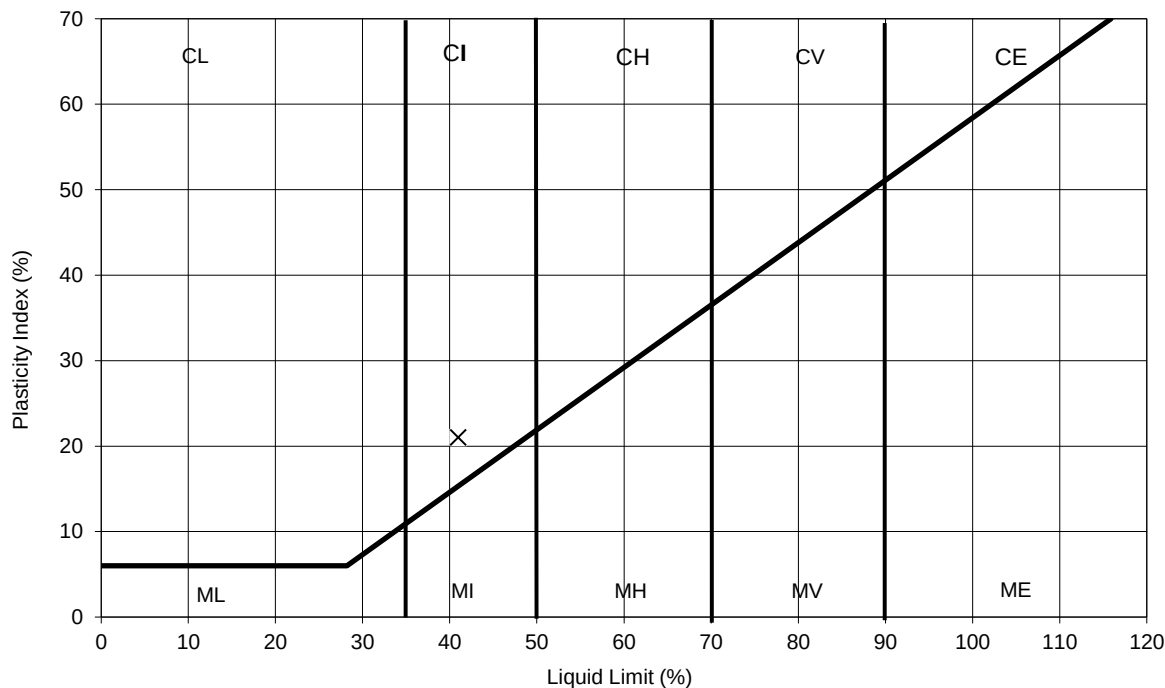
PLASTICITY INDEX

21

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and
Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No. 34819

Borehole/Pit No. WS18

Site Name Folders Lane (Eastern Area) Burgess Hill

Sample No. -

Project No. J553b Client Jomas Associates

Depth Top 1.60 m

Depth Base - m

Sample Type D

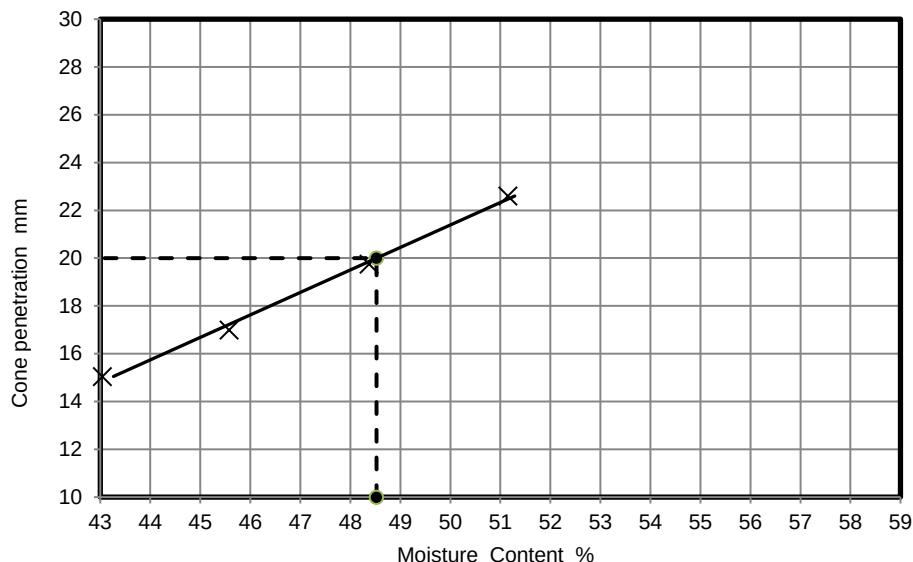
Soil Description Light grey mottled brown slightly sandy silty CLAY

Samples received 07/02/2024

Schedules received 02/02/2024

Project Started 08/02/2024

Date Tested 23/02/2024



NATURAL MOISTURE CONTENT

20 %

% PASSING 425µm SIEVE

100 %

LIQUID LIMIT

49 %

PLASTIC LIMIT

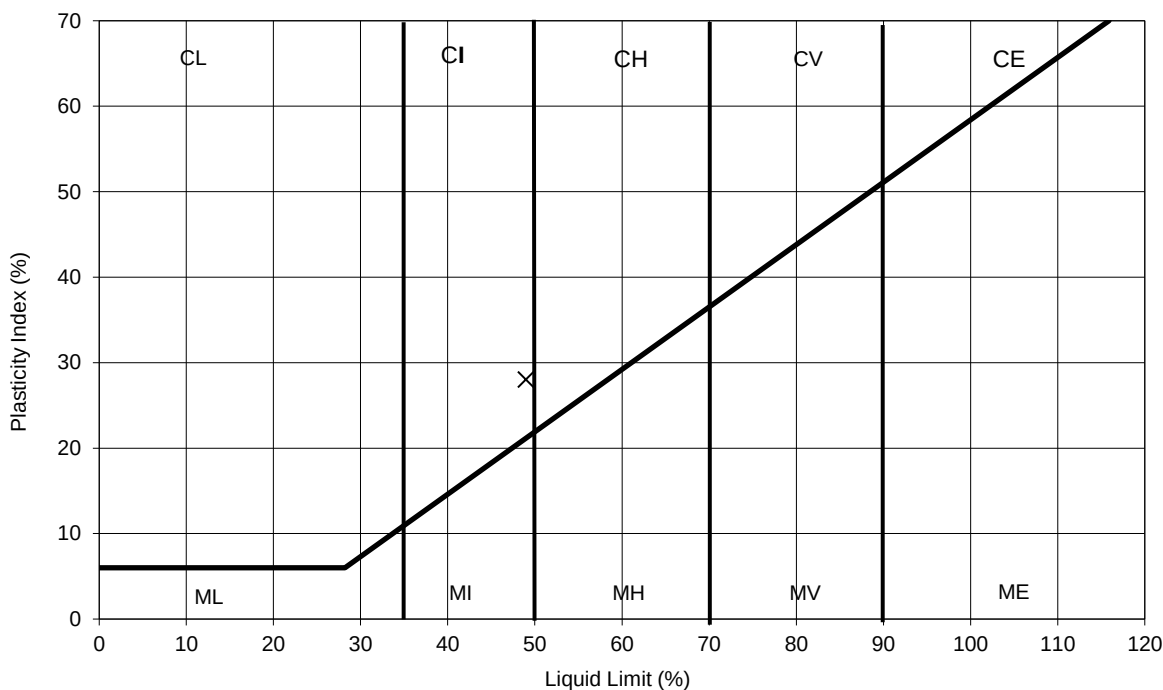
21 %

PLASTICITY INDEX

28 %

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS18

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

2.30

m

Depth Base

-

m

Sample Type

D

Soil Description

Light grey and brown mottled slightly sandy silty CLAY

Samples received

07/02/2024

Schedules received

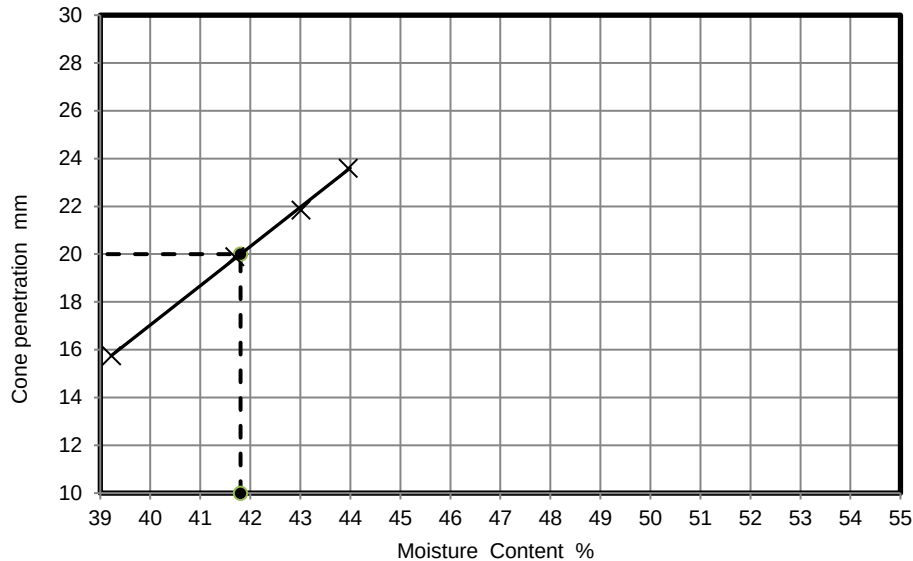
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024

**NATURAL MOISTURE CONTENT**

15

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

42

%

PLASTIC LIMIT

20

%

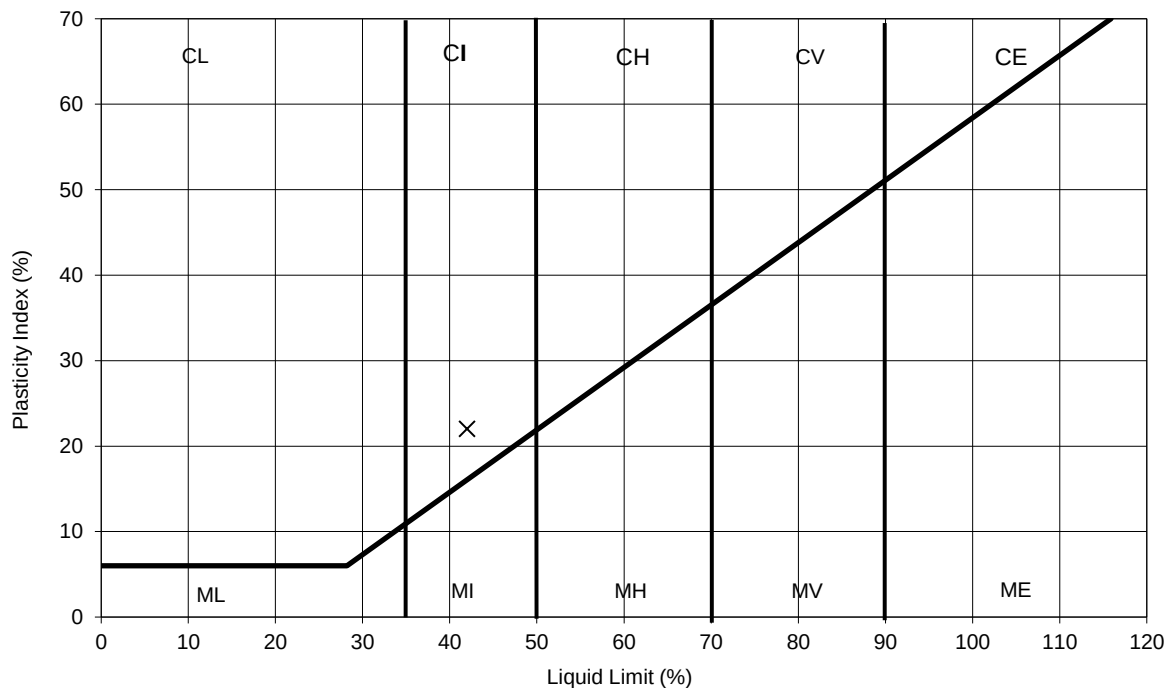
PLASTICITY INDEX

22

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

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Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

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MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

34819

Borehole/Pit No.

WS20

Site Name

Folers Lane (Eastern Area) Burgess Hill

Sample No.

-

Project No.

J553b

Client

Jomas Associates

Depth Top

3.00

m

Depth Base

-

m

Sample Type

D

Soil Description

Dark brown slightly shaley silty CLAY

Samples received

07/02/2024

Schedules received

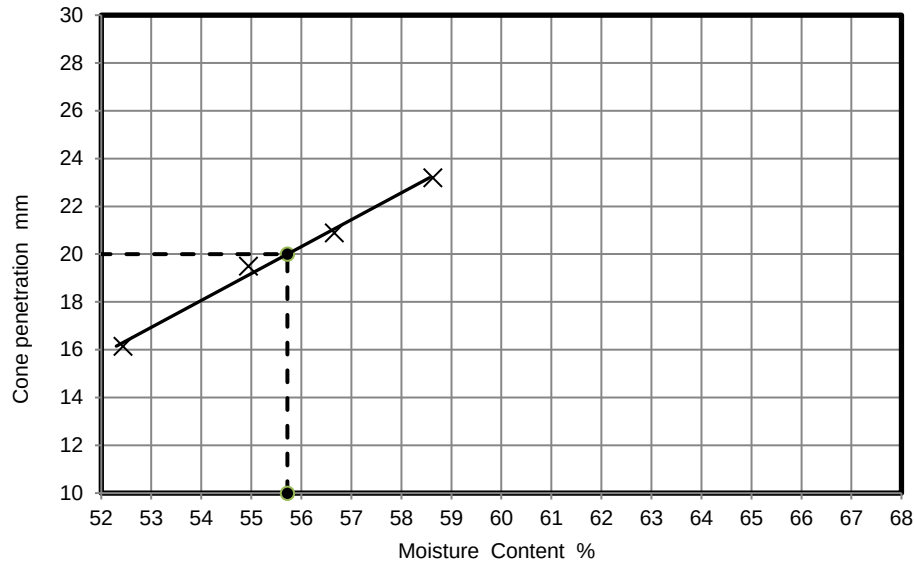
02/02/2024

Project Started

08/02/2024

Date Tested

23/02/2024



NATURAL MOISTURE CONTENT

20

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

56

%

PLASTIC LIMIT

23

%

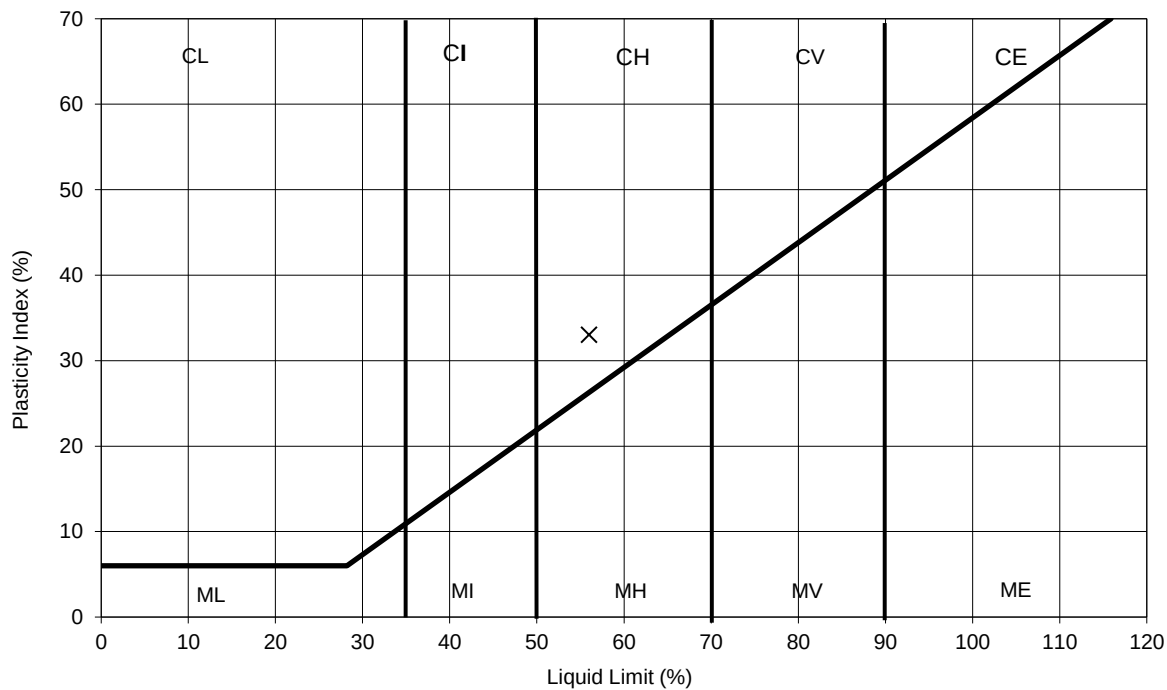
PLASTICITY INDEX

33

%

Remarks

PLASTICITY INDEX



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TEST METHOD

BS1377: Part 2 :Clause 4.3 : 1990 Determination of the liquid limit by the cone penetrometer method

BS1377: Part 2 :Clause 5.0 : 1990: Determination of the plastic limit and plasticity index

BS1377: Part 2 :Clause 3.2 : 1990:Determination of the moisture content by the oven drying

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved

Initials: J.P

Date: 26/02/2024

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2

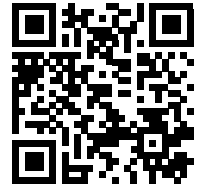
APPENDIX 5 – SOIL GAS MONITORING RESULTS

APPENDIX 6 – PRELIMINARY WASTE CLASSIFICATION

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)



QRDTP-SHK3W-QZCWB

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

Job name

P1215J553b - Folders Lane (Eastern Plot)

Description/Comments

P1215J553b - Folders Lane (Eastern Plot)

Project

P1215J553b - Folders Lane (Eastern Plot)

Site

P1215J553b - Folders Lane (Eastern Plot)

Classified by

Name: **Tom Elbourne**
Company: **JOMAS Associates Ltd**
Date: **27 Mar 2024 14:54 GMT**
Telephone:

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

HazWasteOnline™ Certification:

Course
Hazardous Waste Classification

Date

Purpose of classification

2 - Material Characterisation

Address of the waste

Folder's Lane (eastern area), Burgess Hill

Post Code **RH15 0DR**

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

Residential development

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

Residential development - foundation excavation etc.

Description of the waste

Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint.
(MADE GROUND – TOPSOIL)

Grass over brown slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel consists of fine to medium sub-angular to sub-rounded flint and occasional brick.
(MADE GROUND)

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS4-0.30-02/02/2024	0.30	Non Hazardous		3
2	WS14-0.15-02/02/2024	0.15	Non Hazardous		5
3	WS1-0.05-02/02/2024	0.05	Non Hazardous		7
4	WS2-0.15-02/02/2024	0.15	Non Hazardous		9
5	WS3-0.20-02/02/2024	0.20	Non Hazardous		11
6	WS5-0.30-02/02/2024	0.30	Non Hazardous		13
7	WS6-0.10-02/02/2024	0.10	Non Hazardous		15
8	WS9-0.10-02/02/2024	0.10	Non Hazardous		17
9	WS10-0.05-02/02/2024	0.05	Non Hazardous		19
10	WS11-0.15-02/02/2024	0.15	Non Hazardous		21
11	WS11-0.35-02/02/2024	0.35	Non Hazardous		23
12	WS12-0.40-02/02/2024	0.40	Non Hazardous		25
13	WS17-0.20-02/02/2024	0.20	Non Hazardous		27
14	WS13-0.20-02/02/2024	0.20	Non Hazardous		29
15	WS15-0.10-02/02/2024	0.10	Non Hazardous		31
16	WS16-0.25-02/02/2024	0.25	Non Hazardous		33
17	WS18-0.25-02/02/2024	0.25	Non Hazardous		35
18	WS19-0.20-02/02/2024	0.20	Non Hazardous		37
19	WS20-0.10-02/02/2024	0.10	Non Hazardous		39

Related documents

#	Name	Description
1	24-02488.1.hwol	DETS South .hwol file used to populate the Job
2	24-01143.1.hwol	DETS South .hwol file used to populate the Job

Report

Created by: Tom Elbourne

Created date: 27 Mar 2024 14:54 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	41
Appendix B: Rationale for selection of metal species	42
Appendix C: Version	43

Classification of sample: WS4-0.30-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS4-0.30-02/02/2024	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)
0.30 m	
Moisture content:	
21.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 21.3% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				18 mg/kg	1.895	26.838 mg/kg	0.00268 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				13 mg/kg	3.929	40.198 mg/kg	0.00402 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	45 mg/kg		35.415 mg/kg	0.00354 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	37.712 mg/kg	0.00377 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				73 mg/kg	4.398	252.665 mg/kg	0.0253 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				0.23 mg/kg		0.181 mg/kg	0.0000181 %	✓	
		205-912-4	206-44-0							
27	pyrene				0.18 mg/kg		0.142 mg/kg	0.0000142 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	25.305 mg/kg	0.00253 %	✓	
		215-160-9	1308-38-9							
Total:								0.044 %		

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: WS14-0.15-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS14-0.15-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.15 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.9%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				11 mg/kg	1.895	16.901 mg/kg	0.00169 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				26 mg/kg	3.929	82.848 mg/kg	0.00828 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	39 mg/kg		31.629 mg/kg	0.00316 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				7 mg/kg	5.324	30.226 mg/kg	0.00302 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				48 mg/kg	4.398	171.202 mg/kg	0.0171 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.5 pH		5.5 pH	5.5 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	20.15 mg/kg	0.00202 %	✓	
		215-160-9	1308-38-9							
Total:								0.0375 %		

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: WS1-0.05-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS1-0.05-02/02/2024	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)
0.05 m	
Moisture content:	
19.4%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				15 mg/kg	1.895	22.905 mg/kg	0.00229 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	44.335 mg/kg	0.00443 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	264 mg/kg		212.784 mg/kg	0.0213 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	38.622 mg/kg	0.00386 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				40 mg/kg	4.398	141.789 mg/kg	0.0142 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6.5 pH		6.5 pH	6.5 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				0.22 mg/kg		0.177 mg/kg	0.0000177 %	✓	
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				0.22 mg/kg		0.177 mg/kg	0.0000177 %	✓	
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	benzo[a]pyrene; benzo[def]chrysene				0.17 mg/kg		0.137 mg/kg	0.0000137 %	✓	
	601-032-00-3	200-028-5	50-32-8							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				0.35 mg/kg		0.282 mg/kg	0.0000282 %	✓	
		205-912-4	206-44-0							
27	pyrene				0.3 mg/kg		0.242 mg/kg	0.0000242 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				0.15 mg/kg		0.121 mg/kg	0.0000121 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27 mg/kg	1.462	31.806 mg/kg	0.00318 %	✓	
		215-160-9	1308-38-9							
Total:								0.0515 %		

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: WS2-0.15-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS2-0.15-02/02/2024	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)
0.15 m	
Moisture content:	
19%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				13 mg/kg	1.895	19.949 mg/kg	0.00199 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				16 mg/kg	3.929	50.921 mg/kg	0.00509 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	56 mg/kg		45.36 mg/kg	0.00454 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	38.814 mg/kg	0.00388 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				50 mg/kg	4.398	178.116 mg/kg	0.0178 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6.2 pH		6.2 pH	6.2 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				0.12 mg/kg		0.0972 mg/kg	0.00000972 %	✓	
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				0.23 mg/kg		0.186 mg/kg	0.0000186 %	✓	
		205-912-4	206-44-0							
27	pyrene				0.2 mg/kg		0.162 mg/kg	0.0000162 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	26.045 mg/kg	0.0026 %	✓	
		215-160-9	1308-38-9							
Total:								0.0381 %		

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: WS3-0.20-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS3-0.20-02/02/2024	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
20.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20.5% Wet Weight Moisture Correction applied (MC)

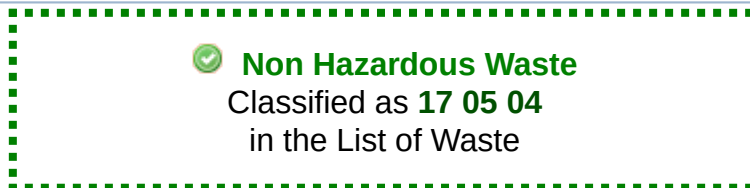
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	18.074 mg/kg	0.00181 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	46.854 mg/kg	0.00469 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	239 mg/kg		190.005 mg/kg	0.019 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	38.095 mg/kg	0.00381 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				82 mg/kg	4.398	286.701 mg/kg	0.0287 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				0.25 mg/kg		0.199 mg/kg	0.0000199 %	✓	
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				0.28 mg/kg		0.223 mg/kg	0.0000223 %	✓	
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	benzo[a]pyrene; benzo[def]chrysene				0.19 mg/kg		0.151 mg/kg	0.0000151 %	✓	
	601-032-00-3	200-028-5	50-32-8							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				0.21 mg/kg		0.167 mg/kg	0.0000167 %	✓	
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				0.5 mg/kg		0.398 mg/kg	0.0000398 %	✓	
		205-912-4	206-44-0							
27	pyrene				0.42 mg/kg		0.334 mg/kg	0.0000334 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				0.15 mg/kg		0.119 mg/kg	0.0000119 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18 mg/kg	1.462	20.915 mg/kg	0.00209 %	✓	
		215-160-9	1308-38-9							
Total:								0.0623 %		

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: WS5-0.30-02/02/2024



Sample details

Sample name:	LoW Code:
WS5-0.30-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
30%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 30% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				15 mg/kg	1.895	19.892 mg/kg	0.00199 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				16 mg/kg	3.929	44.005 mg/kg	0.0044 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	48 mg/kg		33.6 mg/kg	0.00336 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				8 mg/kg	5.324	29.816 mg/kg	0.00298 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				60 mg/kg	4.398	184.713 mg/kg	0.0185 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.3 pH		5.3 pH	5.3 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23 mg/kg	1.462	23.531 mg/kg	0.00235 %	✓	
		215-160-9	1308-38-9							
Total:								0.0358 %		

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: WS6-0.10-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS6-0.10-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
29.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 29.5% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				17 mg/kg	1.895	22.706 mg/kg	0.00227 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				16 mg/kg	3.929	44.32 mg/kg	0.00443 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42 mg/kg		29.61 mg/kg	0.00296 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	33.783 mg/kg	0.00338 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				54 mg/kg	4.398	167.429 mg/kg	0.0167 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.5 pH		5.5 pH	5.5 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				24 mg/kg	1.462	24.73 mg/kg	0.00247 %	✓	
		215-160-9	1308-38-9							
Total:								0.0345 %		

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: WS9-0.10-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS9-0.10-02/02/2024	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10 m	
Moisture content:	
24.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 24.2% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				14 mg/kg	1.895	20.105 mg/kg	0.00201 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	41.695 mg/kg	0.00417 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	64 mg/kg		48.512 mg/kg	0.00485 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				7 mg/kg	5.324	28.251 mg/kg	0.00283 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				44 mg/kg	4.398	146.68 mg/kg	0.0147 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6.2 pH		6.2 pH	6.2 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18 mg/kg	1.462	19.941 mg/kg	0.00199 %	✓	
		215-160-9	1308-38-9							
Total:								0.0327 %		

Key

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

Classification of sample: WS10-0.05-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS10-0.05-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.05 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.4%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				14 mg/kg	1.895	21.378 mg/kg	0.00214 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				16 mg/kg	3.929	50.669 mg/kg	0.00507 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	41 mg/kg		33.046 mg/kg	0.0033 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				7 mg/kg	5.324	30.04 mg/kg	0.003 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				48 mg/kg	4.398	170.147 mg/kg	0.017 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.6 pH		5.6 pH	5.6 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	23.56 mg/kg	0.00236 %	✓	
		215-160-9	1308-38-9							
Total:								0.0351 %		

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: WS11-0.15-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS11-0.15-02/02/2024	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)
0.15 m	
Moisture content:	
20.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20.7% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			P1186							
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				13 mg/kg	1.895	19.531 mg/kg	0.00195 %	✓	
	033-005-00-1									
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	copper { copper sulphate pentahydrate }				27 mg/kg	3.929	84.125 mg/kg	0.00841 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44 mg/kg		34.892 mg/kg	0.00349 %	✓	
	082-001-00-6									
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %		<LOD
	080-005-00-2	211-057-8	628-86-4							
9	nickel { nickel diiodide }				7 mg/kg	5.324	29.555 mg/kg	0.00296 %	✓	
	028-029-00-4	236-666-6	13462-90-3							
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				47 mg/kg	4.398	163.915 mg/kg	0.0164 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	pH				5.5 pH		5.5 pH	5.5 pH		
			PH							
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	19.703 mg/kg	0.00197 %	✓	
		215-160-9	1308-38-9							
Total:								0.0374 %		

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: WS11-0.35-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS11-0.35-02/02/2024	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)
0.35 m	
Moisture content:	
18.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.7% Wet Weight Moisture Correction applied (MC)

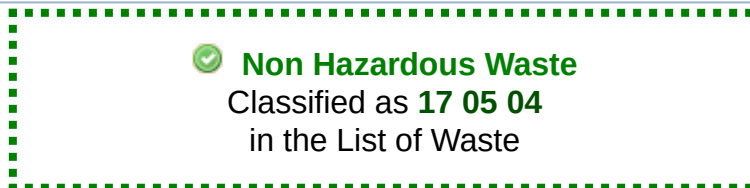
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			P1186							
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				11 mg/kg	1.895	16.943 mg/kg	0.00169 %	✓	
	033-005-00-1									
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	copper { copper sulphate pentahydrate }				9 mg/kg	3.929	28.749 mg/kg	0.00287 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13 mg/kg		10.569 mg/kg	0.00106 %	✓	
	082-001-00-6									
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %		<LOD
	080-005-00-2	211-057-8	628-86-4							
9	nickel { nickel diiodide }				4 mg/kg	5.324	17.315 mg/kg	0.00173 %	✓	
	028-029-00-4	236-666-6	13462-90-3							
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				21 mg/kg	4.398	75.086 mg/kg	0.00751 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	pH				6 pH		6 pH	6pH		
			PH							
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	15.447 mg/kg	0.00154 %	✓	
		215-160-9	1308-38-9							
Total:								0.0186 %		

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: WS12-0.40-02/02/2024



Sample details

Sample name:	LoW Code:
WS12-0.40-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.40 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.3% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				16 mg/kg	1.895	24.462 mg/kg	0.00245 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				14 mg/kg	3.929	44.39 mg/kg	0.00444 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	22 mg/kg		17.754 mg/kg	0.00178 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				12 mg/kg	5.324	51.561 mg/kg	0.00516 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				38 mg/kg	4.398	134.867 mg/kg	0.0135 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6.9 pH		6.9 pH	6.9 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				32 mg/kg	1.462	37.743 mg/kg	0.00377 %	✓	
		215-160-9	1308-38-9							
Total:								0.0333 %		

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: WS17-0.20-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS17-0.20-02/02/2024	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)
20.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20.7% Wet Weight Moisture Correction applied (MC)

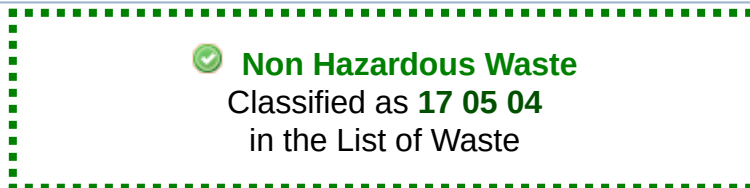
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				13 mg/kg	1.895	19.531 mg/kg	0.00195 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				18 mg/kg	3.929	56.083 mg/kg	0.00561 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	40 mg/kg		31.72 mg/kg	0.00317 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				7 mg/kg	5.324	29.555 mg/kg	0.00296 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				55 mg/kg	4.398	191.816 mg/kg	0.0192 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.9 pH		5.9 pH	5.9 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	22.021 mg/kg	0.0022 %	✓	
		215-160-9	1308-38-9							
Total:								0.0373 %		

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: WS13-0.20-02/02/2024



Sample details

Sample name:	LoW Code:
WS13-0.20-02/02/2024	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)
19.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.1% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10 mg/kg	1.895	15.327 mg/kg	0.00153 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				20 mg/kg	3.929	63.572 mg/kg	0.00636 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	30 mg/kg		24.27 mg/kg	0.00243 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				5 mg/kg	5.324	21.537 mg/kg	0.00215 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				36 mg/kg	4.398	128.085 mg/kg	0.0128 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.6 pH		5.6 pH	5.6 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				14 mg/kg	1.462	16.554 mg/kg	0.00166 %	✓	
		215-160-9	1308-38-9							
Total:								0.0291 %		

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: WS15-0.10-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS15-0.10-02/02/2024	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:	
18.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.5% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10 mg/kg	1.895	15.44 mg/kg	0.00154 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				12 mg/kg	3.929	38.426 mg/kg	0.00384 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	35 mg/kg		28.525 mg/kg	0.00285 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				6 mg/kg	5.324	26.036 mg/kg	0.0026 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				49 mg/kg	4.398	175.631 mg/kg	0.0176 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	17.868 mg/kg	0.00179 %	✓	
		215-160-9	1308-38-9							
Total:								0.0324 %		

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: WS16-0.25-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS16-0.25-02/02/2024	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.25 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17.9%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			P1186							
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10 mg/kg	1.895	15.554 mg/kg	0.00156 %	✓	
	033-005-00-1									
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	copper { copper sulphate pentahydrate }				11 mg/kg	3.929	35.483 mg/kg	0.00355 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		16.42 mg/kg	0.00164 %	✓	
	082-001-00-6									
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %		<LOD
	080-005-00-2	211-057-8	628-86-4							
9	nickel { nickel diiodide }				6 mg/kg	5.324	26.228 mg/kg	0.00262 %	✓	
	028-029-00-4	236-666-6	13462-90-3							
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				33 mg/kg	4.398	119.153 mg/kg	0.0119 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	pH				6 pH		6 pH	6pH		
			PH							
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	17.999 mg/kg	0.0018 %	✓	
		215-160-9	1308-38-9							
Total:								0.0253 %		

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: WS18-0.25-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS18-0.25-02/02/2024	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)
0.25 m	
Moisture content:	
18.9%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			P1186							
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	18.438 mg/kg	0.00184 %	✓	
	033-005-00-1									
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %		<LOD
	048-009-00-9	233-331-6	10124-36-4							
6	copper { copper sulphate pentahydrate }				15 mg/kg	3.929	47.797 mg/kg	0.00478 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	34 mg/kg		27.574 mg/kg	0.00276 %	✓	
	082-001-00-6									
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %		<LOD
	080-005-00-2	211-057-8	628-86-4							
9	nickel { nickel diiodide }				7 mg/kg	5.324	30.226 mg/kg	0.00302 %	✓	
	028-029-00-4	236-666-6	13462-90-3							
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				43 mg/kg	4.398	153.369 mg/kg	0.0153 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	pH				5.6 pH		5.6 pH	5.6 pH		
			PH							
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	22.521 mg/kg	0.00225 %	✓	
		215-160-9	1308-38-9							
Total:								0.0322 %		

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: WS19-0.20-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS19-0.20-02/02/2024	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
28%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	16.369 mg/kg	0.00164 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				18 mg/kg	3.929	50.921 mg/kg	0.00509 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	53 mg/kg		38.16 mg/kg	0.00382 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				7 mg/kg	5.324	26.834 mg/kg	0.00268 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				83 mg/kg	4.398	262.82 mg/kg	0.0263 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6.1 pH		6.1 pH	6.1 pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25 mg/kg	1.462	26.308 mg/kg	0.00263 %	✓	
		215-160-9	1308-38-9							
Total:								0.0443 %		

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: WS20-0.10-02/02/2024

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

Sample details

Sample name:	LoW Code:
WS20-0.10-02/02/2024	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10 m	
Moisture content:	
22%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
2	monohydric phenols				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
			P1186								
3	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12 mg/kg	1.895	17.733 mg/kg	0.00177 %	✓		
	033-005-00-1										
5	cadmium { cadmium sulfate }				<0.2 mg/kg	1.855	<0.371 mg/kg	<0.0000371 %			<LOD
	048-009-00-9	233-331-6	10124-36-4								
6	copper { copper sulphate pentahydrate }				21 mg/kg	3.929	64.358 mg/kg	0.00644 %	✓		
	029-023-00-4	231-847-6	7758-99-8								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	85 mg/kg		66.3 mg/kg	0.00663 %	✓		
	082-001-00-6										
8	mercury { mercury difulminate }				<1 mg/kg	1.419	<1.419 mg/kg	<0.000142 %			<LOD
	080-005-00-2	211-057-8	628-86-4								
9	nickel { nickel diiodide }				9 mg/kg	5.324	37.377 mg/kg	0.00374 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
10	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				112 mg/kg	4.398	384.203 mg/kg	0.0384 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	pH				6 pH		6 pH	6pH			
			PH								
13	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %			<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [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							
14	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
15	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
16	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
17	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							
18	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
19	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							
20	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21 mg/kg	1.462	23.94 mg/kg	0.00239 %	✓	
		215-160-9	1308-38-9							
Total:								0.0616 %		

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

▪ 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

▪ 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

▪ lead compounds with the exception of those specified elsewhere in this Annex (worst case)

GB MCL index number: 082-001-00-6

Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

▪ pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

▪ 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

▪ 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

• **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

Appendix B: Rationale for selection of metal species

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

Insufficient CrVI

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

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

Worst case.

cadmium {cadmium sulfate}

Worst-case

copper {copper sulphate pentahydrate}

Worst-case

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Worst-case

mercury {mercury difulminate}

Worst-case

nickel {nickel diiodide}

Worst-case

selenium {nickel selenate}

Worst-case.

zinc {zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2]}

In sufficient Cr(VI), next worst case.

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

Boron tribromide/trichloride react violently with water and unlikely to be present. Next worst case.

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

Worst-case

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2024.80.5988.11077 (20 Mar 2024)

HazWasteOnline Database: 2024.80.5988.11077 (20 Mar 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 v4.0 - version 4.0 of 2nd March 2024

APPENDIX 7 – CBR CALCULATIONS

CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS1
Date of Test: 30/01/2024

Depth (mm) Nr Cumulative
Blow blows

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

100 0 0
200 0 0
300 0 0
400 0 0
500 0 0
600 0 0
700 2 2
800 3 5
900 2 7
1000 2 9

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS1-Test 1	600	800	40.0	6.1	6.6	55.99
WS1-Test 2	800	1000	50.0	4.8	5.3	48.03

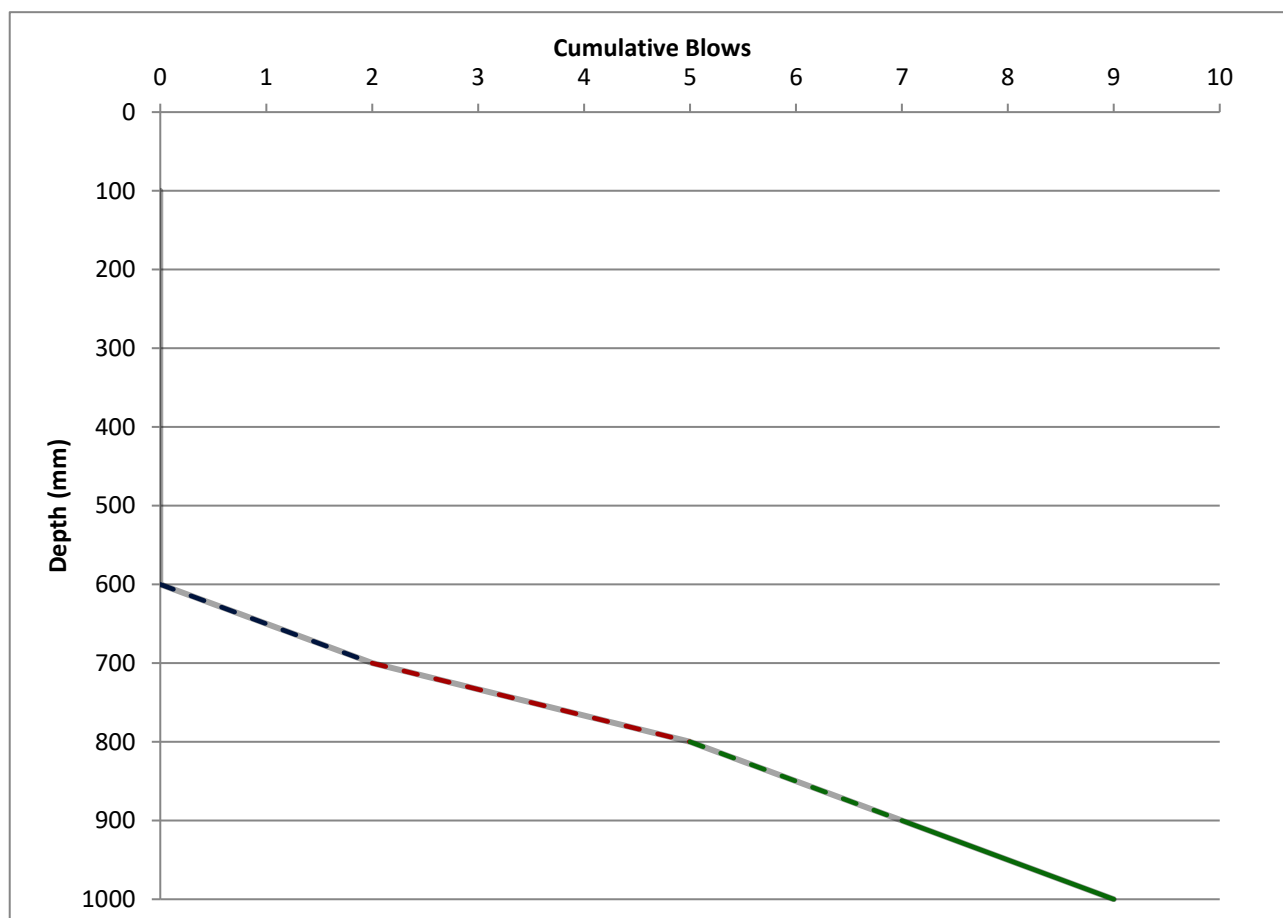
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS2
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	0	0
800	0	0
900	0	0
1000	0	0

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	

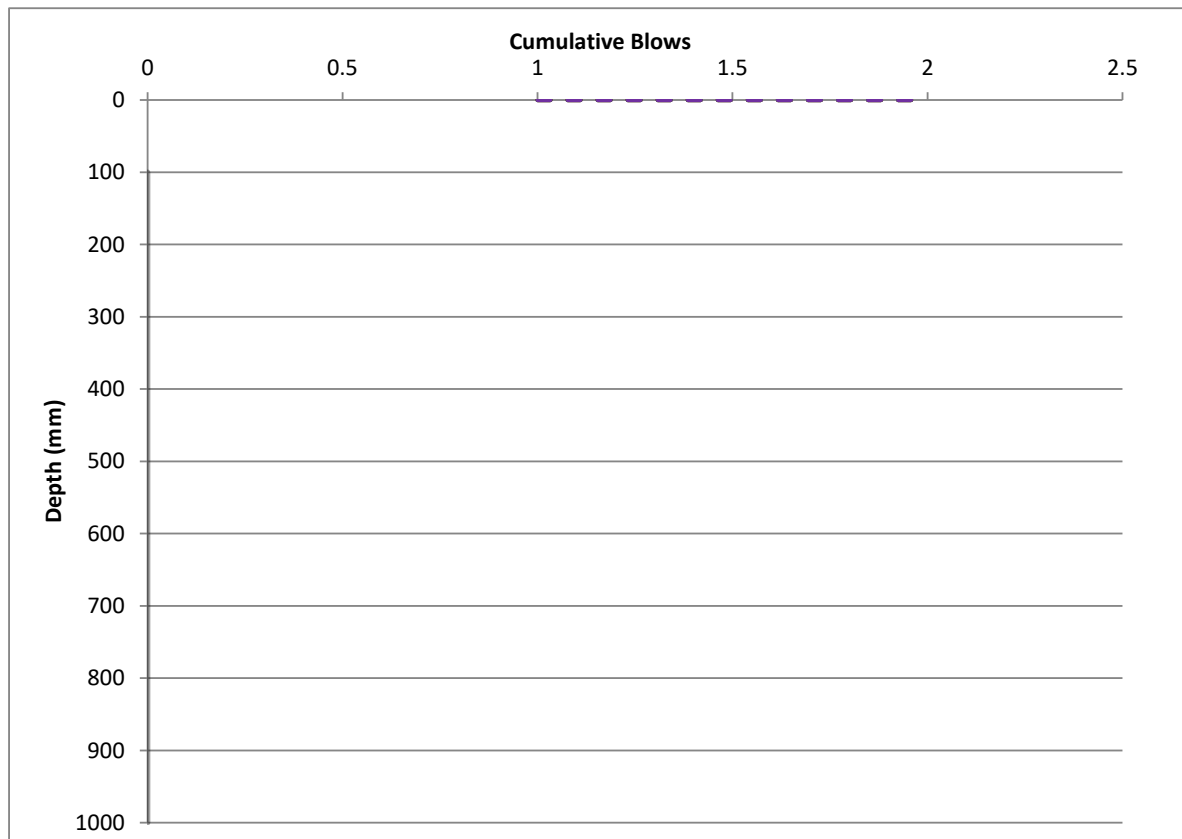
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS4
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	2	2
600	3	5
700	2	7
800	2	9
900	2	11
1000	5	16

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS4-Test 1	400	900	45.5	5.3	5.9	51.17
WS4-Test 2	900	1000	20.0	12.7	13.1	89.53

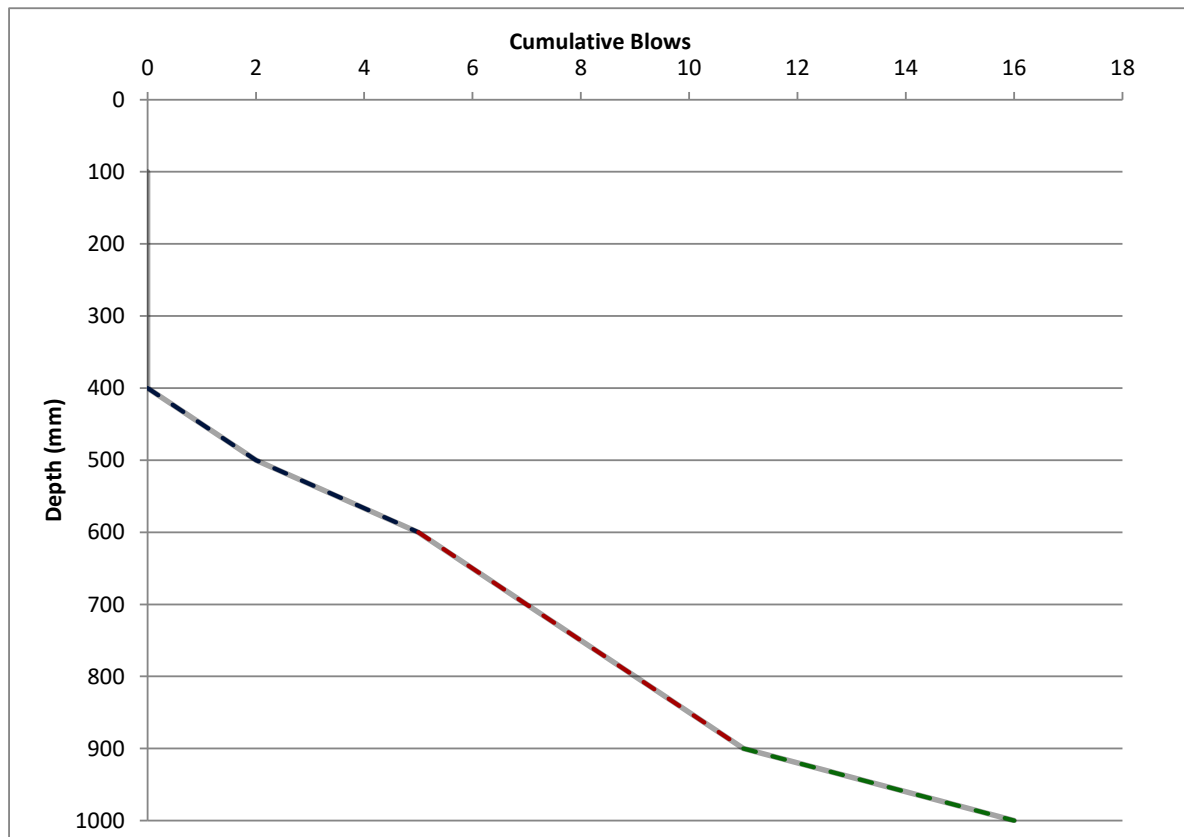
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS8
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	5	5
700	7	12
800	5	17
900	7	24
1000	8	32

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS8-Test 1	500	1000	15.6	16.5	16.7	105.85

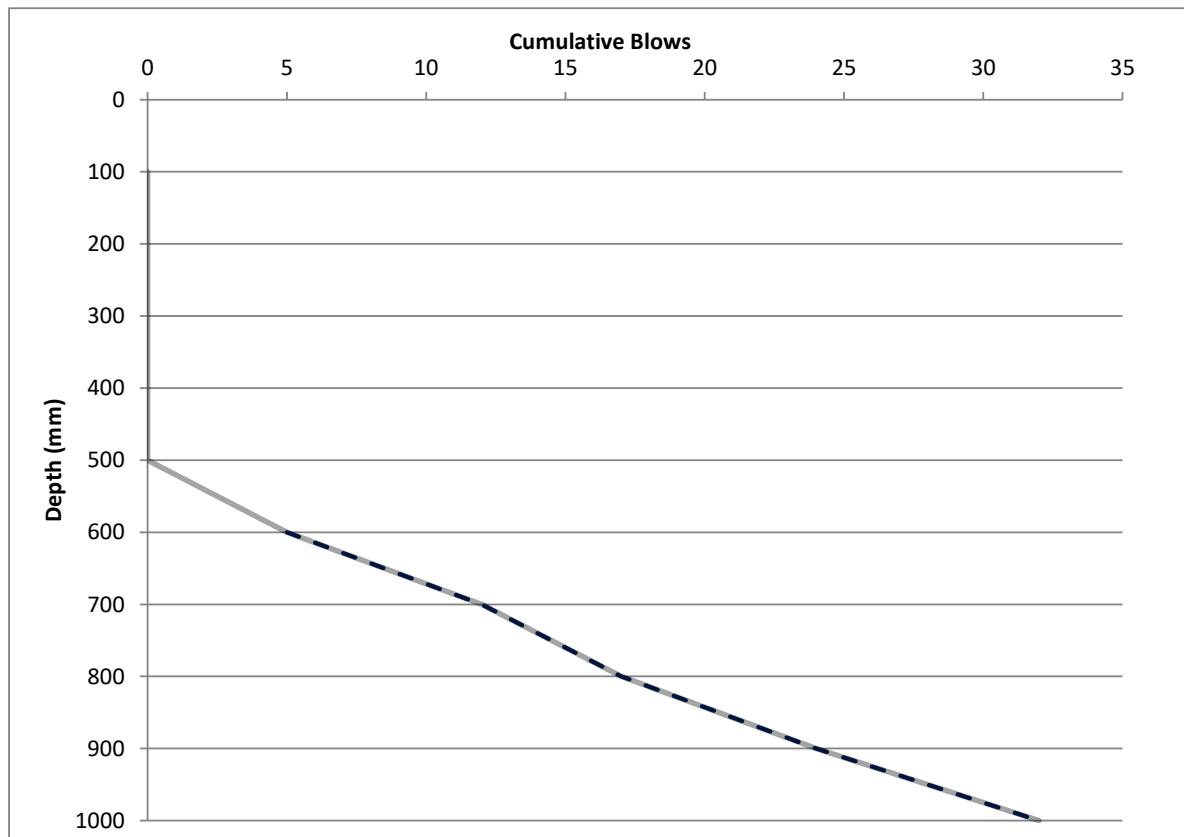
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS10
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	3	3
800	5	8
900	6	14
1000	5	19

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS10-Test 1	600	700	33.3	7.4	7.9	63.36
WS10-Test 2	700	1000	18.8	13.6	14.0	93.54

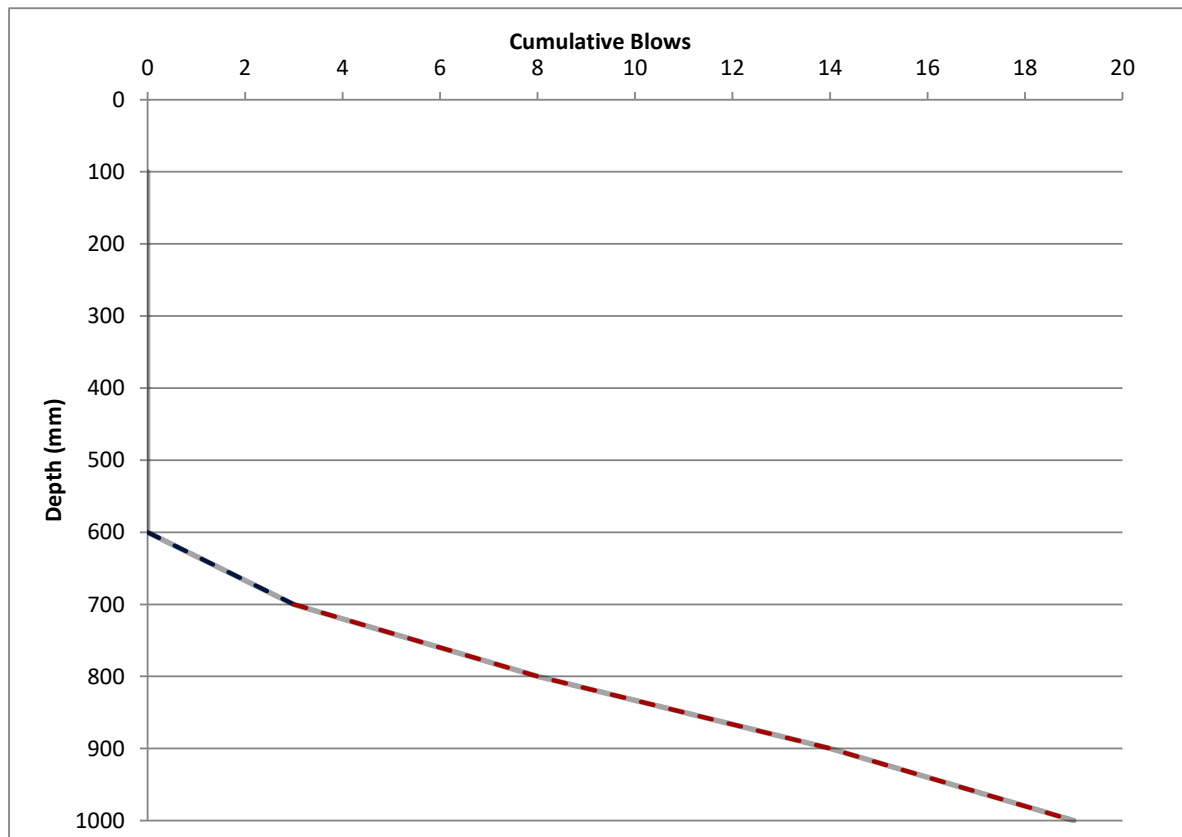
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS11
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	0	0
800	0	0
900	0	0
1000	4	4

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS11-Test 1	900	1000	25.0	10.1	10.5	77.32

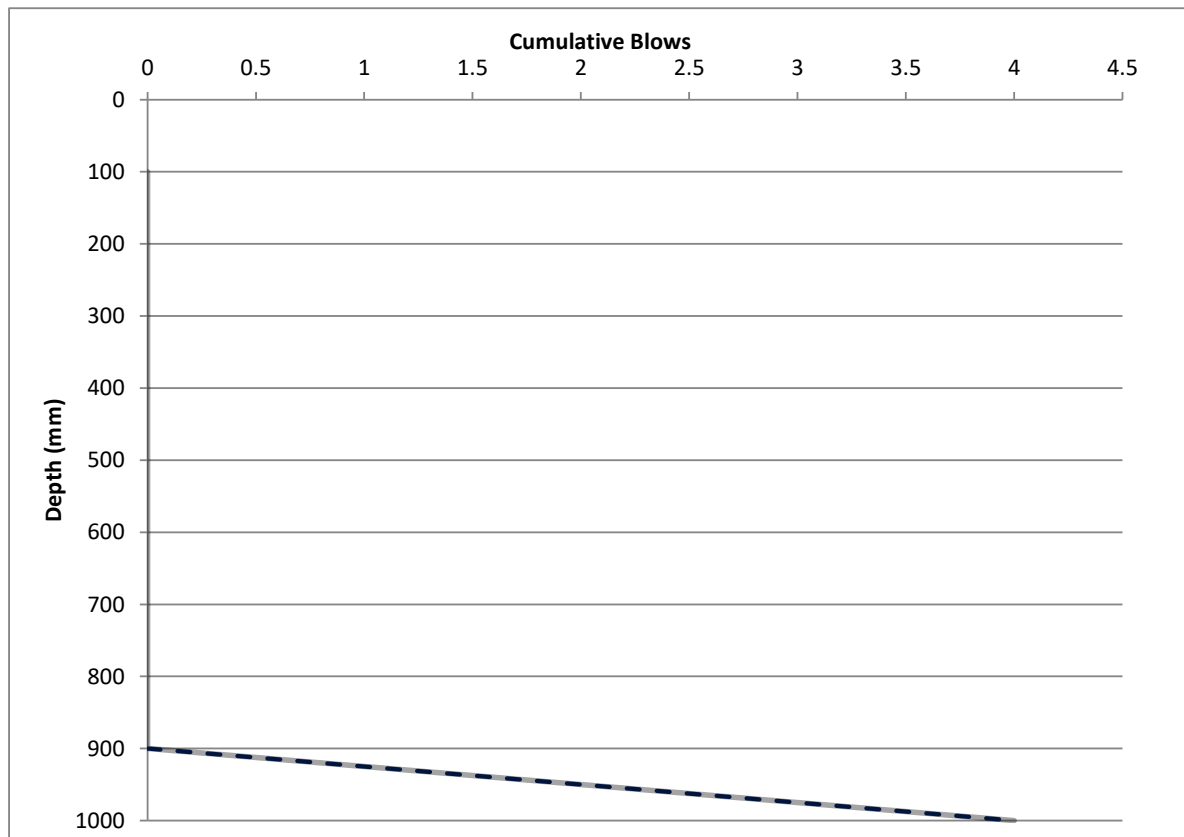
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS17
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	5	5
600	3	8
700	5	13
800	3	16
900	4	20
1000	5	25

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS17-Test 1	400	500	20.0	12.7	13.1	89.53
WS17-Test 2	500	100	80.0	2.9	3.4	34.79

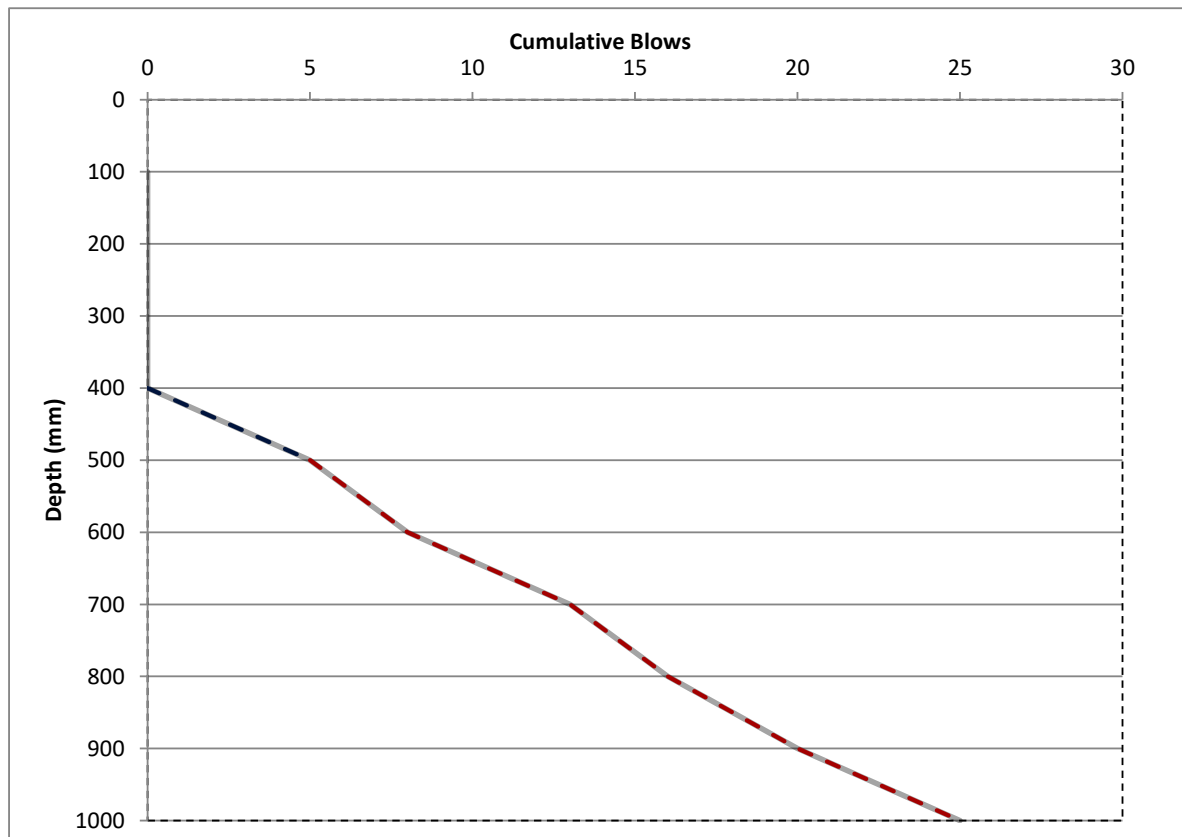
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS13
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	3	3
800	5	8
900	4	12
1000	7	19

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS13-Test 1	600	900	25.0	10.1	11.3	77.32
WS13-Test 2	900	1000	14.3	18.2	19.9	112.71

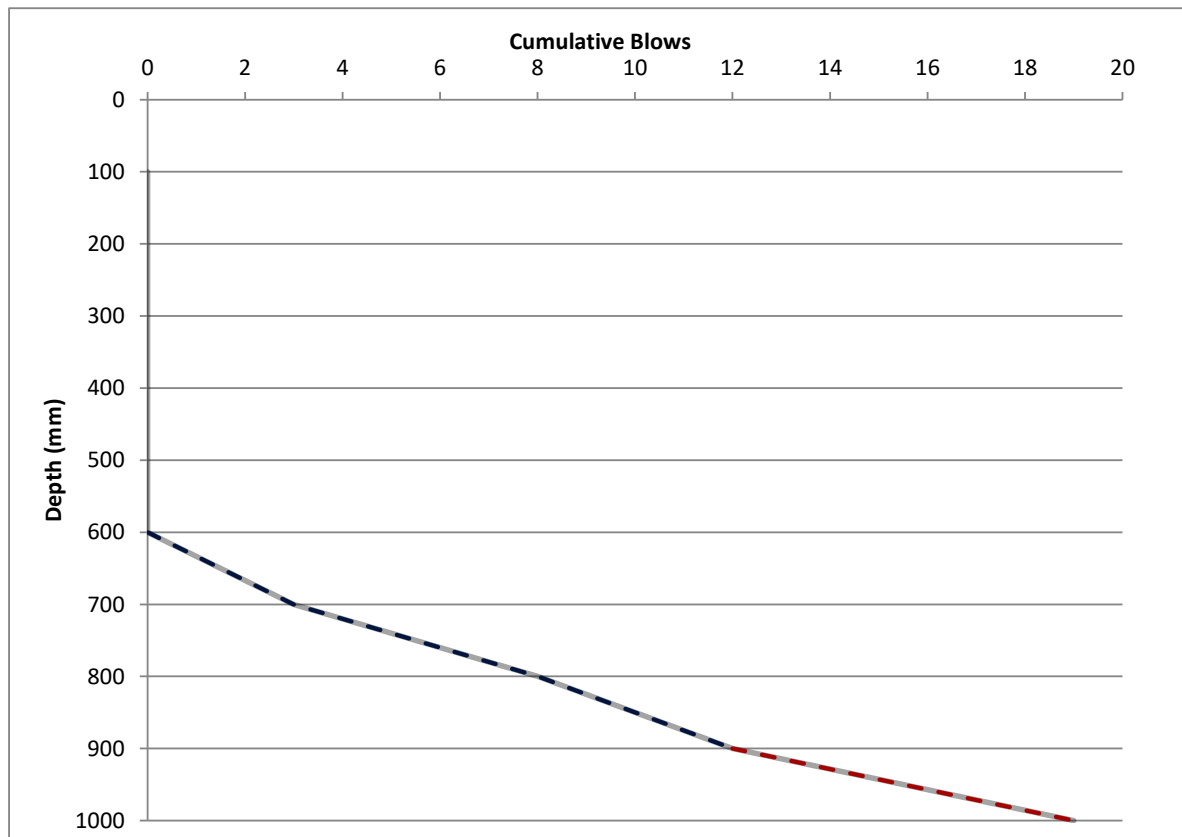
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? Y 20 %



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS14
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	0	0
800	0	0
900	0	0
1000	5	5

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS14-Test 1	900	1000	20.0	12.7	13.1	89.53

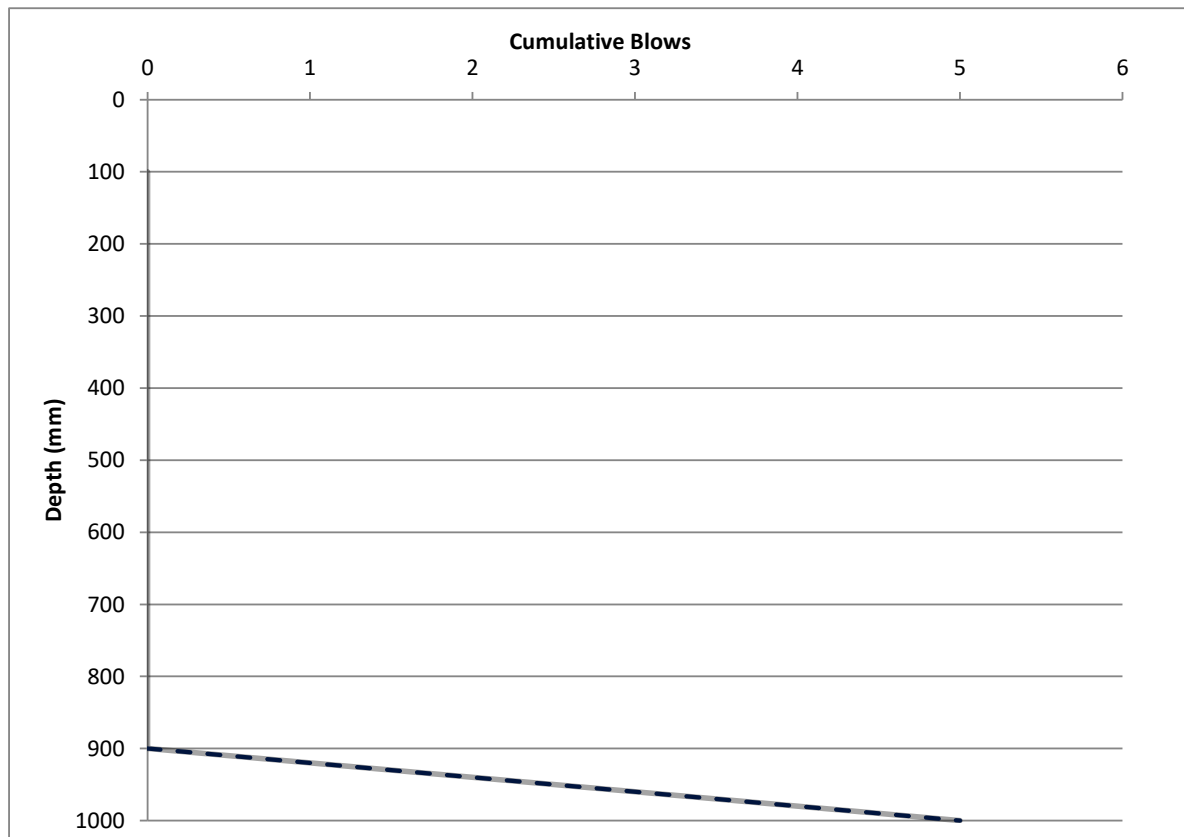
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS18
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	0	0
800	0	0
900	0	0
1000	0	0

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	

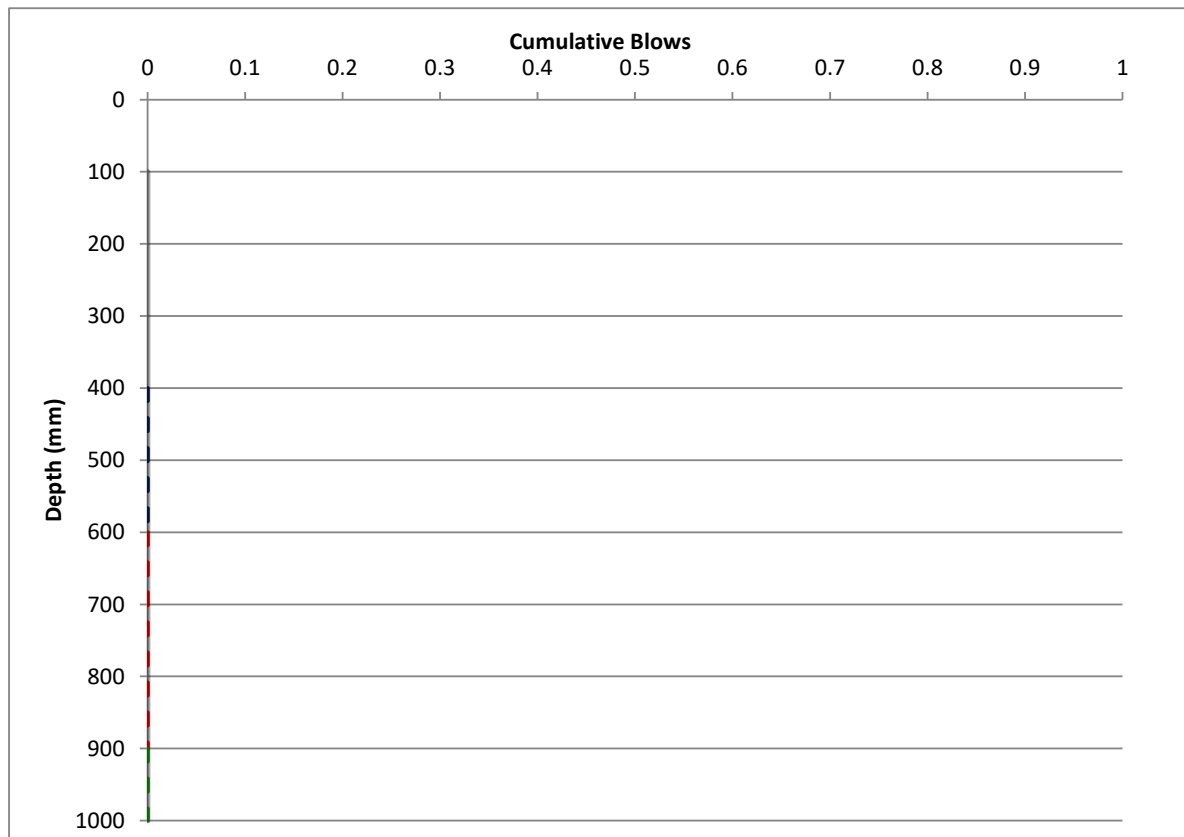
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



CBR Calculation

Jomas Job: Folders Lane
Jomas Job No.: P1215J553b

Test Location: WS20
Date of Test: 30/01/2024

Depth (mm)	Nr Blow	Cumulative blows
100	0	0
200	0	0
300	0	0
400	0	0
500	0	0
600	0	0
700	0	0
800	0	0
900	0	0
1000	1	1

Calculating Engineer: KJF
Approved by: TE

Date: 06/02/2024
Date: 28/03/2024

Test	Initial Depth (mm)	Final Depth (mm)	mm / blow	CBR (%)		E (MPa)
				IAN 73/06	TRL 587	
WS20-Test 1	900	1000	100.0	2.3	2.7	29.99

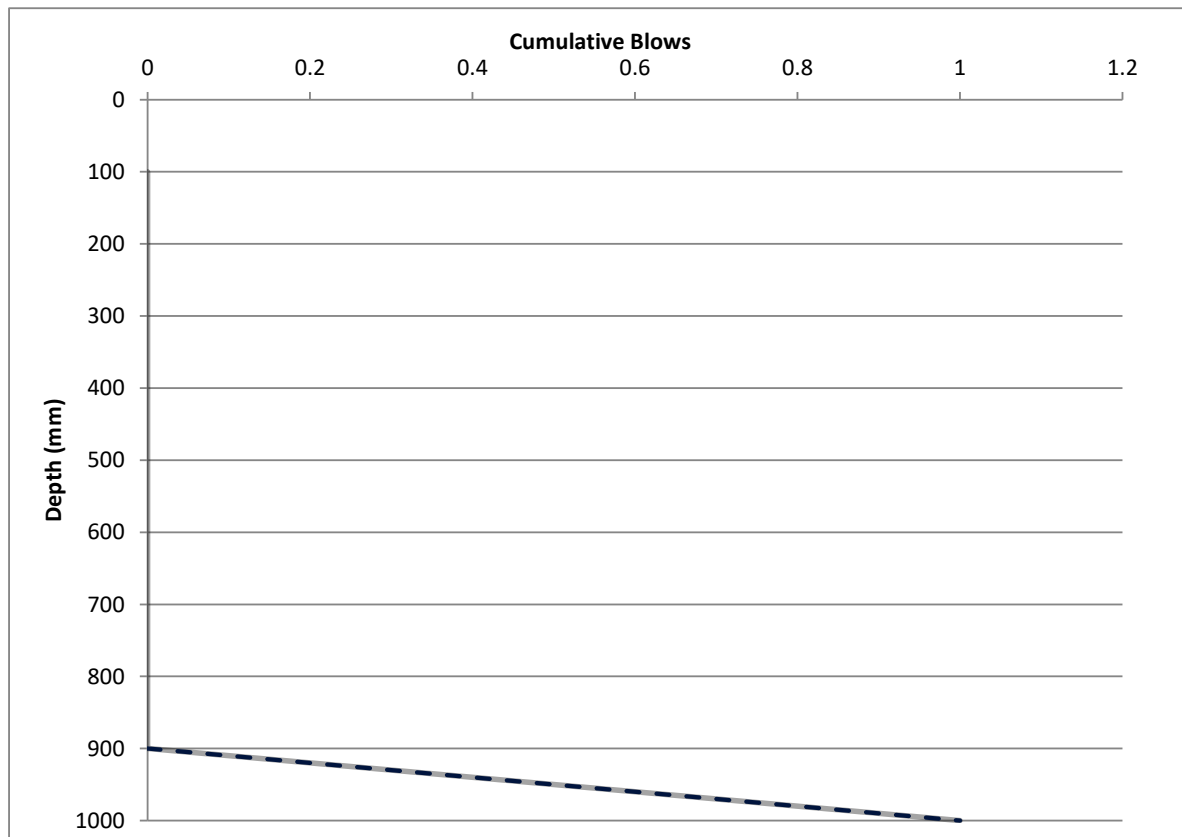
Test Notes:

Test carried out using a TRL Dynamic Cone Penetrometer consisting of a 8 kg free fall hammer lifted and dropped through a height of 575mm.

Colour of text refers to the modelled gradient on graph below.

CBR's calculated using methodologies outlined in IAN 73/06 and in TRL 587.

Characteristic MC% ? N



APPENDIX 8 – FALLING HEAD TEST CALCULATORS

DATE: 06 February 2024

DATE: 28 March 2024

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

BOREHOLE INFORMATION

WS11 - Test 3

60

60

3600

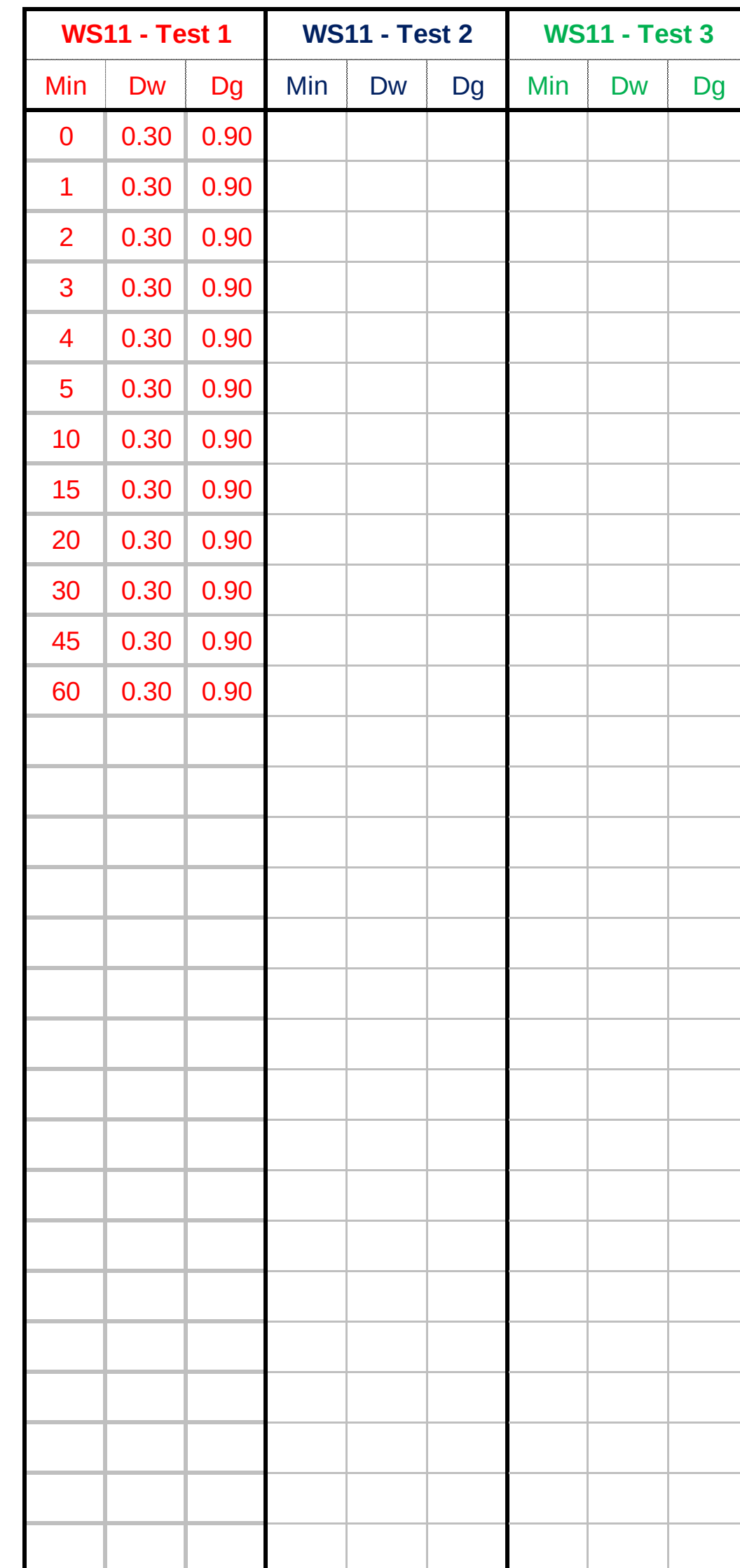
0.90

0.90

00E+0

DIV/0

DIV/0



D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

DATE: 06 February 2024

DATE: 28 March 2024

#DIV/0!

[illegible]

D_g = head of water in the exploratory hole

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