Trial Pit

TP13

PHOTO PAGE

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434075.22	409894.88	97.99	1:20
Project Name		**Project No.**	**Start Date**	**End Date**
Mapplewell Site 2		26-405	04/08/2026	04/08/2026

Client
Vistry

Consultant
KC

Contractor





Remarks
No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions
0.00 - 3.00m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger
KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Trial Pit

TP13A

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434069.79	409892.99	98.07	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client
Vistry

Consultant
KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.22)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
					97.85	0.22		Firm to stiff light orangish brown mottled grey CLAY. [GLACIAL TILL]
						(0.78)		
					97.07	1.00		*End of Trial Pit at 1.00m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions
0.00 - 1.00m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger
KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Trial Pit

TP13B

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434066.11	409900.94	98.16	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.25)		Vegetation overlying dark brown sandy gravel with low cobble content. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone and anthropogenic fragments of brick, glass, metal, plastic, polystyrene, slate and tile. Cobbles are angular of anthropogenic brick. [MADE GROUND]
					97.91	0.25		Firm to stiff light orangish brown mottled grey CLAY. [GLACIAL TILL]
						(0.75)		
					97.16	1.00		*End of Trial Pit at 1.00m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks

No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions

0.00 - 1.00m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Trial Pit

TP13C

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434072.27	409900.80	97.89	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.83)		Vegetation overlying dark brown sandy gravel with low cobble content. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone and anthropogenic fragments of brick, glass, metal, plastic, polystyrene, slate and tile. Cobbles are angular of anthropogenic brick. [MADE GROUND]
					97.06	0.83		LANDFILL comprising 30% plastic (bottles, sheeting, wrap etc.) . 25% rubber products (tyres, hot water bottles, hoses / tubing etc.), 20% metal (sheets, springs, wires etc.), 5% wood / paper and 20% matrix of gravelly sand. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone, coal fragments and anthopogenic debris. [MADE GROUND - LANDFILL]
						(1.17)		
					95.89	2.00		Extreamly weak dark brown to brown friable completely weathered interbedded MUDSTONE & SILTSTONE recovered as recovered as sandy silty clay. [PENNINE MIDDLE COAL MEASURES]
						(0.20)		
					95.69	2.20		*End of Trial Pit at 2.20m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks

No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions

0.00 - 2.20m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Trial Pit

TP13D

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434070.02	409904.55	98.23	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.75)		Vegetation overlying dark brown sandy gravel with low cobble content. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone and anthropogenic fragments of brick, glass, metal, plastic, polystyrene, slate and tile. Cobbles are angular of anthropogenic brick. [MADE GROUND]
					97.48	0.75		LANDFILL comprising 30% plastic (bottles, sheeting, wrap etc.) . 25% rubber products (tyres, hot water bottles, hoses / tubing etc.), 20% metal (sheets, springs, wires etc.), 5% wood / paper and 20% matrix of gravelly sand. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone, coal fragments and anthopogenic debris. [MADE GROUND - LANDFILL]
						(0.75)		
					96.73	1.50		*End of Trial Pit at 1.50m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks

No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions

0.00 - 1.50m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Trial Pit

TP13E

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434066.78	409907.62	98.30	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(1.10)		Vegetation overlying dark brown sandy gravel with low cobble content. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone and anthropogenic fragments of brick and concrete. Cobbles are angular of anthropogenic brick. [MADE GROUND]
					97.20	1.10		Firm to stiff light orangish brown mottled grey CLAY. [GLACIAL TILL]
						(0.50)		
					96.70	1.60		*End of Trial Pit at 1.60m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions
0.00 - 1.70m TP JCB 3CX
Stable
L = 2.50m
W = 0.60m

Logger KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Trial Pit

TP14

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP	434090.10	409899.89	97.67	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	04/08/2026	04/08/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.77)		Vegetation overlying dark brown sandy gravel with low cobble content. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone and anthropogenic fragments of brick, glass, metal, plastic, polystyrene, slate and tile. Cobbles are angular of anthropogenic brick. [MADE GROUND]
		0.50	D					
					96.90	0.77		
						(1.23)		LANDFILL comprising 30% plastic (bottles, sheeting, wrap etc.) . 25% rubber products (tyres, hot water bottles, hoses / tubing etc.), 20% metal (sheets, springs, wires etc.), 5% wood / paper and 20% matrix of gravelly sand. Gravel comprises fine to coarse angular to sub-angular sandstone, mudstone, coal fragments and anthopogenic debris. [MADE GROUND - LANDFILL]
		1.20	B					
					95.67	2.00		
						(0.50)		Extreamly weak dark brown to brown friable completely weathered interbedded MUDSTONE & SILTSTONE recovered as recovered as sandy silty clay. [PENNINE MIDDLE COAL MEASURES]
					95.17	2.50		*End of Trial Pit at 2.50m*

Remarks

No water observed during or on completion of the Trial Pit. Trial pit remained stable

Method, Plant, Stability, Dimensions

0.00 - 2.50m TP JCB 3CX

Stable

L = 2.50m

W = 0.60m

Logger KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS01
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433898.85	409995.18	103.09	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.00-0.10	ES			(0.17)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
		0.17-0.20	B		102.92	0.17		*Desiccated with roots and rootlets. (0.00 - 0.17m)*
						(0.83)		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted 'very sandy' (0.17 - 0.33m)* *Noted Roots (0.17 - 0.56m)* *Desiccated (0.17 - 0.85m)* *Noted Rootlets (0.56 - 0.90m)*
		0.80	HV	108 (kPa)				
		0.90-1.00	B					
		1.00	SPT	N=22 (4,5/4,6,6,6)	102.09	1.00		
		1.05-1.15	B					Extremely weak dark grey to light grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(0.80)		
		1.80-1.90	B		101.29	1.80		Extremely weak light grey to orange brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		2.00	SPT	N=31 (6,5/6,6,10,9)				
		2.40-2.50	B					
						(1.60)		
		2.90-3.00	B					
		3.00	SPT	N=50 for 250mm (12,12/12,15,15,8 for 25mm)				
					99.69	3.40		*End of Borehole at 3.40m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.40m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS02
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433978.68	410025.49	101.20	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.15-0.25	ES			(0.63)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL] *Desiccated with roots and rootlets. (0.00 - 0.63m)*
		0.63-0.73	B		100.57	0.63		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted 'very sandy' (0.63 - 0.77m)*
		0.90-1.00	B			(0.52)		*Desiccated (0.63 - 0.90m)*
		1.00 1.00	SPT HV	N=11 (1,2/2,3,3,3) 110 (kPa)				*Noted Rootlets (0.77 - 0.90m)*
		1.15-1.25	B		100.05	1.15		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.90-2.00	B			(0.95)		
		2.00	SPT	N=22 (4,5/5,5,6,6)				
		2.10-2.20	B		99.10	2.10		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		2.50-2.60	B			(1.28)		
		2.90-3.00	B					
		3.00	SPT	N=50 for 235mm (11,12/14,14,17,5 for 10mm)				
					97.82	3.38		*End of Borehole at 3.38m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.38m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS03
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434039.84	410049.62	101.95	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
		0.00-0.10	ES			(0.18)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
		0.18-0.30	B		101.77	0.18		*Desiccated with roots and rootlets. (0.00 - 0.18m)*
						(0.82)		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted 'very sandy' (0.18 - 0.32m)* *Noted Roots (0.18 - 0.60m)* *Desiccated (0.18 - 1.00m)* *Noted Rootlets (0.60 - 1.00m)*
		0.90-1.00	B					
		1.00 1.00	SPT HV	N=34 (5,6/6,8,10,10) 120 (kPa)	100.95	1.00		
		1.15-1.25	B			(0.25)		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
					100.70	1.25		Extremely weak orange brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(0.43)		
		1.68-1.80	B		100.27	1.68		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.90-2.00	B					
		2.00	SPT(5)	N=50 for 255mm (6,6/8,14,18,10 for 30mm)		(0.72)		
					99.55	2.40		*End of Borehole at 2.40m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions
0.00 - 1.00m IP Hand Tools
Stable
1.00 - 2.40m WLS Competitior Windowless Sampling Rig
Stable

Logger SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS04
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433944.30	409977.87	100.52	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
		0.10-0.20	ES			(0.27)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
		0.27-0.40	B		100.25	0.27		*Desiccated with roots and rootlets. (0.00 - 0.27m)*
						(0.73)		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Very sandy (0.27 - 0.40m)* *Noted Roots (0.27 - 0.50m)* *Desiccated (0.27 - 0.90m)* *Noted Rootlets (0.50 - 0.90m)*
		0.90-1.00	B					
		1.00 1.00	SPT HV	N=29 (4,5/5,6,8,10) 120 (kPa)	99.52	1.00		
		1.10-1.20	B			(0.40)		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.40-1.50	B		99.12	1.40		
					99.02	(0.10) 1.50		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.80-1.90	B					Extremely weak light grey to orange brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.90	SPT	N=50 for 10mm (15,10 for 50mm/50 for 10mm)		(0.85)		
		2.02	SPT	N=50 for 80mm (15,15/17,33 for 5mm)				
					98.17	2.35		*End of Borehole at 2.35m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions

0.00 - 1.00m Stable	IP	Hand Tools	
1.00 - 2.35m Stable	IP	Competitior Windowless Sampling Rig	

Logger SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS05
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434024.42	410011.86	101.05	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.05-0.15	ES			(0.15)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
		0.15-0.25	B		100.90	0.15		*Desiccated with roots and rootlets. (0.00 - 0.15m)*
								Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL]
								Noted 'very sandy' (0.15 - 0.30m)
						(0.85)		*Noted Roots (0.15 - 0.45m)*
		0.60-0.70	B					*Noted Rootlets (0.45 - 0.70m)*
								Desiccated (0.15 - 0.95m)
		0.90-1.00	B					
		1.00	SPT	N=31 (3,4/7,7,8,9)	100.05	1.00		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.00-1.10	B					
		1.50-1.60	B			(1.44)		
		1.90-2.00	B					
		2.00	SPT	N=50 for 285mm (7,10/10,14,14,12 for 60mm)				
					98.61	2.44		*End of Borehole at 2.44m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.44m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS06
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433926.90	409940.52	100.76	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.15-0.25	ES			(0.27)		Vegetation overlying dark brown sandy clayey slightly gravelly soil. Gravel comprises fine to medium angular to sub-angular sandstone with antropogenic fragments of clay pipe. [MADE GROUND]
		0.27-0.40	B		100.49	0.27		*Desiccated with rootlets (0.00 - 0.27m)*
								Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL]
								Noted 'very sandy' (0.27 - 0.38m)
								Noted Rootlets (0.27 - 0.47m)
								Desiccated (0.38 - 0.85m)
						(1.07)		
		0.90-1.00	B					
		1.00 1.00	SPT HV	N=17 (1,1/2,3,3,9) 101 (kPa)				
		1.34-1.45	B		99.42	1.34		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [RESIDUAL SOIL]
		1.60-1.70	B					
						(1.04)		
		1.90-2.00	B					
		2.00	SPT	N=50 for 235mm (6,7/6,12,20,12 for 10mm)				
					98.38	2.38		*End of Borehole at 2.38m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.38m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS07
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433972.98	409971.10	98.10	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.20-0.40	ES			(0.55)		Vegetation overlying dark brown sandy clayey slightly gravelly soil. Gravel comprises fine to medium angular to sub-angular sandstone. [MADE GROUND] *Desiccated with roots and rootlets. (0.00 - 0.55m)*
					97.55	0.55		
		0.70-0.90	B			(0.35)		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted Roots (0.55 - 0.60m)* *Noted 'very sandy' (0.55 - 0.63m)*
					97.20	0.90		*Noted Rootlets (0.60 - 0.85m)* *Desiccated (0.55 - 0.90m)*
		1.00 1.00 1.10-1.20	SPT HV B	N=21 (4,7/5,5,5,6) 108 (kPa)		(1.05)		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.60-1.80	B					
		2.00	SPT	N=50 for 265mm (11,10/10,14,14,12 for 40mm)	96.15	1.95		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(0.47)		
					95.68	2.42		*End of Borehole at 2.42m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.42m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS08

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434008.00	409972.41	97.50	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client Vistry

Consultant SW

Contractor TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
					97.44	(0.06) 0.06		Asphalt [MADE GROUND]
		0.19-0.29	ES		97.31	(0.13) 0.19		Reinforced Concrete [MADE GROUND]
		0.29-0.40	B			(0.21)		*6mm Steel Reinforcement bar at c.0.105m bcgl. No DPM noted at the base of the concrete. (0.06 - 0.19m)*
		0.60-0.80	B		97.10	0.40		'Compact' red brown gravelly sand. Gravel comprises fine to coarse angular to sub-angular suspected burnt shale fragments. [MADE GROUND]
		1.00	SPT	N=50 for 10mm (15,10 for 50mm/50 for 10mm)		(0.85)		Extremely weak light brown to brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.13	SPT	N=50 for 10mm (22,3 for 50mm/50 for 10mm)	96.25	1.25		*End of Borehole at 1.25m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks

BH terminated on possible bedrock.

No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions **Logger**

0.00 - 1.00m IP Hand Tools SW
Stable

1.00 - 1.25m WLS Competitior Windowless Sampling Rig SW
Stable

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS09
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434072.05	410010.18	99.20	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.10-0.20	ES			(0.32)		Vegetation overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [MADE GROUND] *Desiccated with rootlets (0.00 - 0.32m)*
		0.31-0.40	B		98.88	0.32		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted Roots (0.32 - 0.46m)* *Noted 'very sandy' (0.32 - 0.56m)* *Noted Rootlets (0.46 - 0.80m)* *Desiccated (0.32 - 0.90m)*
						(0.58)		
		0.90-1.00	B		98.30	0.90		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.00 1.00	SPT HV	N=19 (4,4/4,5,5,5) 105 (kPa)				
						(0.77)		
		1.40-1.50	B					
		1.67-1.80	B		97.53	1.67		Extremely weak light grey to orange brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		2.00	SPT	N=42 (7,6/8,9,11,14)				
		2.20-2.30	B			(1.16)		
		2.50	SPT	N=50 for 10mm (14,11 for 60mm/50 for 10mm)				
		2.63	SPT	N=50 for 60mm (14,11/50 for 60mm)				
					96.37	2.83		*End of Borehole at 2.83m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.84m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS10
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433995.47	409930.13	97.33	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
						(0.16)		Reinforced Concrete [MADE GROUND]
		0.16-0.23	ES		97.17	0.16 (0.07)		*6mm Steel Reinforcement bar at c.0.110m bcgl. No DPM noted at the base of the concrete. (0.00 - 0.60m)*
		0.23-0.50	B		97.10	0.23		'Compact' red brown gravelly sand. Gravel comprises fine to coarse angular to sub-angular suspected burnt shale fragments. [MADE GROUND]
						(0.77)		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		0.90-1.00	B					
		1.00	SPT	N=36 (3,4/8,8,10,10)	96.33	1.00		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		1.20-1.30	B					
		1.50	SPT	N=50 for 10mm (14,11 for 60mm/50 for 10mm)		(0.90)		
		1.64	SPT	N=50 for 115mm (12,13/15,35 for 40mm)				
		1.80-1.90	D					
					95.43	1.90		*End of Borehole at 1.90m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 1.90m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS11
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434069.74	409979.54	97.87	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
		0.00-0.10	ES			(0.22)		Overgrown grass overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL]
		0.22-0.32	B		97.65	0.22		*Desiccated with rootlets. (0.00 - 0.22m)*
								Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL]
								Noted Rootlets (0.22 - 0.38m)
								Noted 'very sandy' (0.22 - 0.43m)
								Desiccated (0.22 - 0.87m)
						(1.08)		
		0.90-1.00	B					
		1.00 1.00	SPT HV	N=10 (1,1/2,2,3,3) 95 (kPa)				
		1.30-1.40	B		96.57	1.30		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
						(0.90)		
		1.90-2.00	B					
		2.00 2.00	SPT HV	N=32 (3,5/5,8,9,10) 120 (kPa)				
		2.20-2.30	B		95.67	2.20		Extremely weak brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(1.14)		
		2.90-3.00	B					
		3.00	SPT	N=50 for 10mm (10,15/50 for 10mm)				
		3.15	SPT	N=50 for 40mm (15,10/50 for 40mm)				
					94.53	3.34		*End of Borehole at 3.34m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.34m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS12
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	433950.57	409891.52	99.35	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2026

Client	Consultant	Contractor
Vistry	SW	TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
		0.33-0.42	ES		98.93	(0.42) 0.42		Vegetation overlying dark brown sandy clayey slightly gravelly soil. Gravel comprises fine to medium angular to sub-angular sandstone with anthropogenic fragments of brick. [MADE GROUND] *Desiccated with rootlets. (0.00 - 0.42m)*
		0.70-0.80	ES			(0.58)		'Compact' fine dark brown sandy gravel. Gravel comprises fine to medium angular to sub-angular sandstone and mudstone with anthropogenic fragments of brick and concrete. [MADE GROUND] *Noted Rootlets (0.43 - 0.55m)*
		1.00	SPT	N=17 (1,3/3,3,5,6)	98.35	1.00		
		1.00-1.10	B					Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL]
		1.40-1.50	B			(0.50)		
		1.50	HV	111 (kPa)	97.85	1.50		
		1.90-2.00	B					Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		2.00	SPT	N=27 (3,3/6,5,6,10)		(0.60)		
		2.10-2.20	B		97.25	2.10		
		2.40-2.50	B					Extremely weak light brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		2.50	SPT	N=50 for 10mm (15,10 for 10mm/50 for 10mm)		(0.58)		
		2.58	SPT	N=50 for 10mm (25 for 75mm/50 for 10mm)	96.67	2.68		*End of Borehole at 2.68m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.68m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS13
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434025.93	409925.67	97.33	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client	Consultant	Contractor
Vistry	SW	TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
					97.32	(0.01)		
						0.01 (0.10)		Concrete Screed. [MADE GROUND]
					97.22	0.11		Reinforced Concrete [MADE GROUND]
		0.20-0.30	ES					*3mm Steel Reinforcement bar at c.0.090m bcgl. No DPM noted at the base of the concrete. (0.01 - 0.11m)*
						(0.49)		'Compact' red brown gravelly sand. Gravel comprises fine to coarse angular to sub-angular anthropogenic fragments of suspected burnt shale. [MADE GROUND]
					96.73	0.60		Stiff brown to grey sandy CLAY. [GLACIAL TILL]
		0.70-0.80	B					
		1.00	SPT	N=11 (2,1/2,3,3,3)				
		1.00	HV	90 (kPa)				
		1.00-1.20	B			(1.10)		
		1.70-1.90	B		95.63	1.70		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		2.00	SPT	N=39 (5,3/5,8,11,15)		(0.60)		
		2.30-2.50	B		95.03	2.30		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(1.07)		
		2.90-3.00	D					
		3.00	SPT	N=50 for 220mm (10,12/15,17,18 for 70mm)				
					93.96	3.37		*End of Borehole at 3.37m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.37m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS14

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434101.85	409956.36	96.38	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	23/07/2026	23/07/2023

Client Vistry

Consultant SW

Contractor TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
		0.20-0.30	ES			(0.56)		Overgrown grass overlying dark brown sandy clayey slightly gravelly TOPSOIL. Gravel comprises fine to medium angular to sub-angular sandstone. [TOPSOIL] *Desiccated with rootlets. (0.00 - 0.56m)*
		0.56-0.72	B		95.82	0.56		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL] *Noted 'very sandy' (0.56 - 0.72m)* *Desiccated. (0.56 - 0.95m)*
		0.72-1.00	B			(0.74)		
		1.00 1.00	SPT HV	N=10 (1,2/2,3,3,2) 89 (kPa)				
		1.30-1.40	B		95.08	1.30		Stiff brown to grey sandy CLAY. [GLACIAL TILL]
						(0.50)		
		1.80-1.90	B		94.58	1.80		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		2.00 2.00	SPT HV	N=32 (4,4/7,6,9,10) 118 (kPa)		(0.35)		
		2.15-2.25	B		94.23	2.15		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		2.90-3.00	B			(1.12)		
		3.00	SPT	N=50 for 10mm (18,7/50 for 10mm)				
		3.13	SPT	N=50 for 25mm (25 for 50mm/50 for 25mm)				
					93.11	3.27		*End of Borehole at 3.27m*

Remarks

BH terminated on possible bedrock.

No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m IP Hand Tools — SW
Stable

1.00 - 3.27m WLS Competitior Windowless Sampling Rig — SW
Stable

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS15
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434007.11	409881.45	97.30	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client	Consultant	Contractor
Vistry	SW	TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
						(0.19)		Reinforced Concrete. [MADE GROUND]
		0.19-0.29	ES		97.11	0.19		
						(0.19)		'Compact' brown to red brown gravelly sand. Gravel comprises fine to coarse angular to sub-angular sandstone and anthropogenic fragments of brick. [MADE GROUND]
		0.40-0.50	B		96.92	0.38		
						(0.42)		Stiff orange brown mottled light grey sandy CLAY. [GLACIAL TILL]
		0.70-0.80	B					
		0.75	HV	78 (kPa)				
					96.50	0.80		
		0.90-1.00	B					Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.00	SPT	N=22 (2,3/3,5,6,8)				
		1.20-1.40	B					
						(1.10)		
		1.60-1.80	B					
		1.90-2.00	B		95.40	1.90		
		2.00	SPT	N=50 for 242mm (5,6/10,14,19,7 for 17mm)				Extremely weak dark brown to brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(0.48)		
					94.92	2.38		*End of Borehole at 2.38m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 2.83m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS16
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434045.93	409889.89	97.40	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client	Consultant	Contractor
Vistry	SW	TDS

Inst/ Backfill	Water Levels	Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Legend	Description
						(0.14)		Reinforced Concrete. [MADE GROUND]
		0.20-0.30	ES		97.26	0.14		Soft, locally very soft, orange brown to grey mottled silty sandy clay. [MADE GROUND]
		0.50-0.60	ES			(0.86)		
		0.90-1.00	ES					
		1.00	SPT	N=3 (0,0/0,1,1,1)	96.40	1.00		Soft green-grey to brown silty clay. [MADE GROUND]
		1.10-1.30	ES			(0.50)		
		1.50-1.60	B		95.90	1.50		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		1.60	HV	70 (kPa)				
		2.00	SPT	N=12 (3,3/3,3,3,3)				
		2.00-2.20	B			(1.10)		
		2.60-2.80	B		94.80	2.60		Stiff brown to light grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		3.00	SPT	N=50 for 280mm (11,10/11,13,13,13 for 55mm)		(0.60)		
		3.20-3.30	D		94.20	3.20		Extremely weak dark brown to brown sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
						(0.23)		
					93.97	3.43		*End of Borehole at 3.43m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions

			Logger
0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.43m Stable	IP	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Dynamic (Windowless) Sampler

WS17
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434095.76	409917.44	96.10	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.20-0.40	ES			(1.00)		Vegetation overlying dark brown sandy clayey slightly gravelly soil. Gravel comprises fine to medium angular to sub-angular sandstone with anthropogenic fragments of brick and concrete. [MADE GROUND]
		0.60-0.80	ES					
		1.00	SPT	N=5 (0,1 for 0mm/0,1,2,2 for 0mm)	95.10	1.00		
		1.00-1.30	B			(0.30)		Soft green-grey to brown sandy silty clay. [MADE GROUND]
		1.60	HV	78 (kPa)	94.80	1.30		Stiff dark brown mottled grey sandy CLAY. [GLACIAL TILL]
		1.60-1.80	B			(0.60)		
		1.80	HV	76 (kPa)				
		2.00	SPT	N=22 (3,3/4,4,6,8)	94.20	1.90		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
		2.00-2.20	B					
		2.60-2.80	B			(1.36)		
		3.00	SPT	N=50 for 10mm (11,14 for 60mm/50 for 10mm)				
		3.13	SPT	N=50 for 10mm (24,1 for 5mm/50 for 10mm)				
					92.84	3.26		*End of Borehole at 3.26m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.26m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Dynamic (Windowless) Sampler

WS18
Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
WLS	434060.00	409936.75	96.68	1:20

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	24/07/2026	24/07/2026

Client Vistry
Consultant SW
Contractor TDS

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Description
		0.10-0.20	ES					Vegetation overlying dark brown fine to medium sandy gravel. Gravel comprises fine to medium angular to sub-angular sandstone and mudstone with anthropogenic fragments of brick and concrete. [MADE GROUND]
		0.60-0.70	B			(0.90)		
		1.00	SPT	N=11 (3,3/3,2,3,3)	95.78	0.90		Stiff dark brown mottled grey sandy CLAY. [GLACIAL TILL]
		1.00-1.20	B					
		1.50	HV	112 (kPa)				
		1.60-1.80	B			(1.50)		
		2.00	SPT	N=16 (4,4/4,4,4,4)				
		2.00-2.20	B					
					94.28	2.40		Stiff dark brown to grey sandy slightly gravelly CLAY. Gravel comprises fine to medium angular to sub-angular mudstone. Clay was noted as friable. [RESIDUAL SOIL]
						(0.30)		
		2.70-2.90	B		93.98	2.70		Extremely weak dark brown to grey sandy friable completely weathered MUDSTONE. [PENNINE MIDDLE COAL MEASURES]
		3.00	SPT	N=50 for 10mm (15,10 for 30mm/50 for 10mm)		(0.53)		
		3.10	SPT	N=50 for 10mm (25 for 70mm/50 for 10mm)				
					93.45	3.23		*End of Borehole at 3.23m*

Remarks
BH terminated on possible bedrock.
No water observed during or on completion of the borehole.

Method, Plant, Stability, Dimensions — **Logger**

0.00 - 1.00m Stable	IP	Hand Tools	SW
1.00 - 3.23m Stable	WLS	Competitior Windowless Sampling Rig	SW

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Borehole Log

RBH01

Sheet 1 of 2

Hole Type	Easting	Northing	Ground Level (m)	Scale
IP+RO+RC	434009.00	409963.00	97.33	1:100

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	02/06/2026	03/06/2026

Client Vistry

Consultant KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Coring: Core Run	TCR (%)	SCR (%)	RQD (%)	Frac FI	Level m	Depth (thickness) m	Strata: Legend	Description
										97.03	(0.30) 0.30		Grey concrete (MADE GROUND) [Drillers Description]
											(0.60)		
										96.43	0.90		Light yellowish brown sandy gravel with fragments of brick (MADE GROUND) [Drillers Description]
					1.00 2.50	93	44	8	25		(2.00)		Extremely weak completely weathered becoming highly weathered brownish grey ironstained SILTSTONE recovered as very clayey gravel. [PENNINE MIDDLE COAL MEASURES]
					2.50 4.00	100	49	10	22	94.43	2.90		Very weak moderately weathered browinsh grey ironstained SILTSTONE with frequent clay infills. [PENNINE MIDDLE COAL MEASURES]
					4.00 5.50	100	85	17	19	93.33	4.00		Very weak to weak dark grey ironstained fine grained SILTSTONE with occasional clay infills. Fractures are medium spaced stepped smooth faced sub horizontal. [PENNINE MIDDLE COAL MEASURES]
					5.50 7.00	100	90	49	13		(3.00)		
										90.33	7.00		Light grey SILTSTONE. [Drillers Description]
											(15.00)		
													Continued on next page

Remarks

Method, Plant, Stability, Dimensions

			Logger
0.00 - 1.00m Stable	IP	Hand Tools	KC
1.00 - 7.00m Stable	RC	Geobore-S	KC
7.00 - 30.00m Stable	RO	Geobore NCA	KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Borehole Log

RBH01

Sheet 2 of 2

Hole Type	Easting	Northing	Ground Level (m)	Scale
IP+RO+RC	434009.00	409963.00	97.33	1:100

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	02/06/2026	03/06/2026

Client
Vistry

Consultant
KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Coring: Core Run	TCR (%)	SCR (%)	RQD (%)	Frac FI	Level m	Depth (thickness) m	Strata: Legend	Description
													As previous page.
										75.33	22.00		
											(1.00)		INTACT COAL. [Drillers Description]
										74.33	23.00		
													Light grey SILTSTONE. [Drillers Description]
											(7.00)		
										67.33	30.00		*End of Borehole at 30.00m*

20.5 21.0 21.5 22.0 22.5 23.0 23.5 24.0 24.5 25.0 25.5 26.0 26.5 27.0 27.5 28.0 28.5 29.0 29.5 30.0 30.5 31.0 31.5 32.0 32.5 33.0 33.5 34.0 34.5 35.0 35.5 36.0 36.5 37.0 37.5 38.0 38.5 39.0 39.5 40.0

Remarks

Method, Plant, Stability, Dimensions

			Logger
0.00 - 1.00m Stable	IP	Hand Tools	KC
1.00 - 7.00m Stable	RC	Geobore-S	KC
7.00 - 30.00m Stable	RO	Geobore NCA	KC

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Open Hole Log

RBH02

Sheet 1 of 2

Hole Type	Easting	Northing	Ground Level (m)	Scale
RO	434072.00	409972.00	97.50	1:100

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	03/06/2026	04/06/2026

Client
Vistry

Consultant
KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Coring: Core Run	Coring: TCR (%)	Coring: SCR (%)	Coring: RQD (%)	Frac	Level m	Depth (thickness) m	Strata: Legend	Strata: Description
										97.20	(0.30) 0.30		Vegetation overlying sandy soil. [Drillers Description]
													Firm light orangish brown sandy CLAY. [Drillers Description]
											(2.70)		
										94.50	3.00		Light grey SILTSTONE. [Drillers Description]
											(22.00)		
													Continued on next page

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 20.0

Remarks

Method, Plant, Stability, Dimensions

0.00 - 1.20m IP Hand Tools — Logger: KC
Stable

1.20 - 30.00m RO Geobore NCA — Logger: KC
Stable

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Open Hole Log

RBH02

Sheet 2 of 2

Hole Type	Easting	Northing	Ground Level (m)	Scale
RO	434072.00	409972.00	97.50	1:100

Project Name	Project No.	Start Date	End Date
Mapplewell Site 2	26-405	03/06/2026	04/06/2026

Client
Vistry

Consultant
KC

Contractor

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Type/ Ref	Results	Coring: Core Run	TCR (%)	SCR (%)	RQD (%)	Frac	Level m	Depth (thickness) m	Strata: Legend	Description
													As previous page.
										72.50	25.00		INTACT COAL. [Drillers Description]
											(1.00)		
										71.50	26.00		Light grey SILTSTONE. [Drillers Description]
											(4.00)		
										67.50	30.00		*End of Borehole at 30.00m*

Remarks

Method, Plant, Stability, Dimensions

0.00 - 1.20m IP Hand Tools — Logger: KC
Stable

1.20 - 30.00m RO Geobore NCA — Logger: KC
Stable

Checked By: S.D **Approved By:** S.D **Status:** FINAL

Created using Pebble Geo

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
17	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	64.58	64,577.40

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	28.41	28,414.06

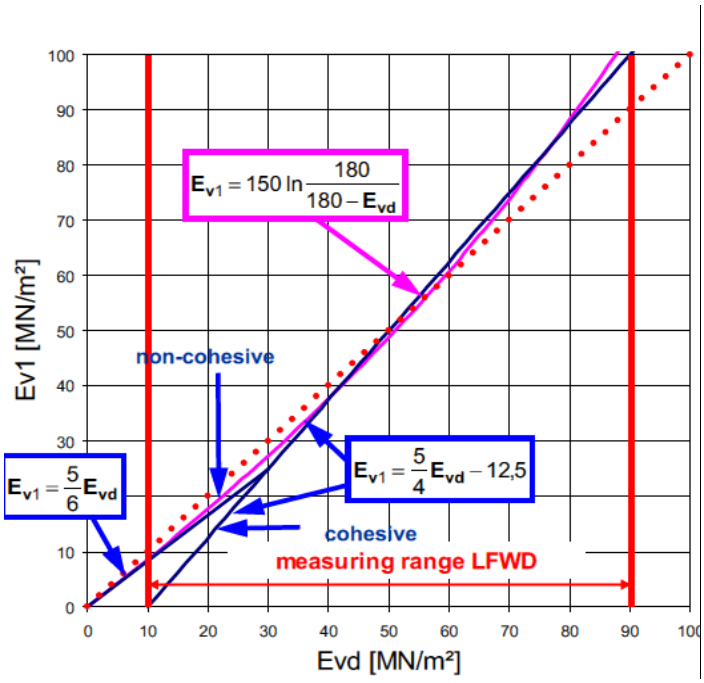
Criteria	Result
CBR (%)	3.2

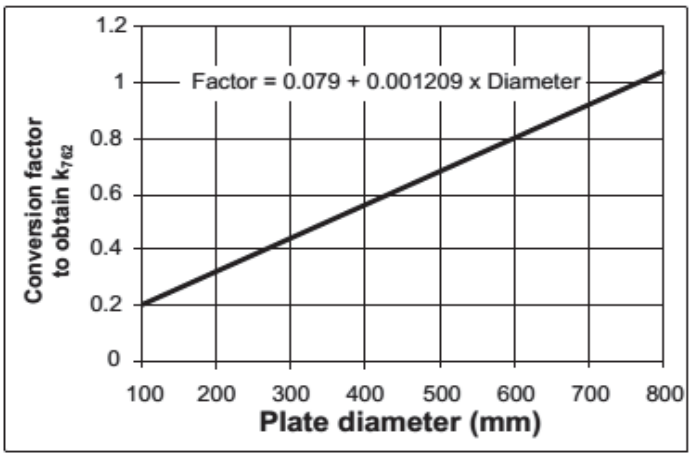
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





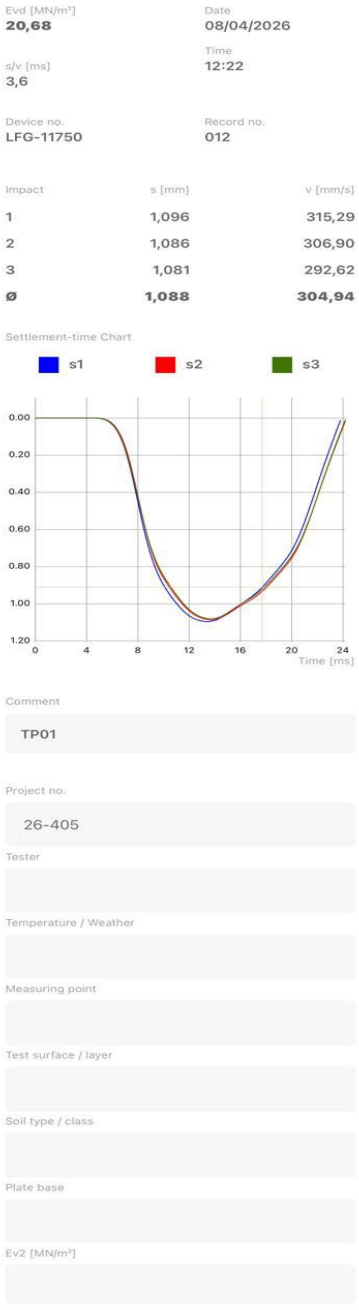


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
22.5	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	85.47	85,470.09

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	37.61	37,606.84

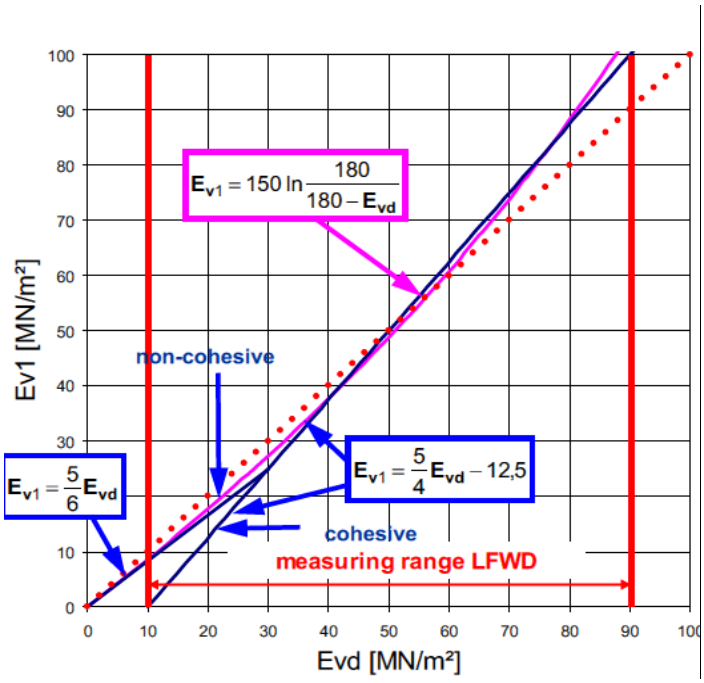
Criteria	Result
CBR (%)	5.2

Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$



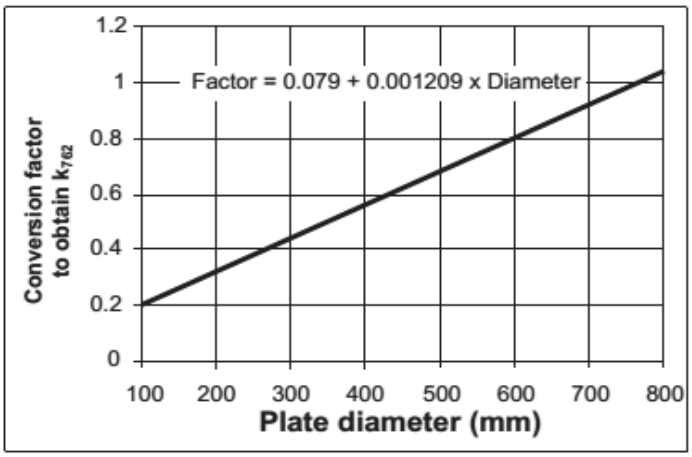




Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
8	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	30.39	30,389.36

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	13.37	13,371.32

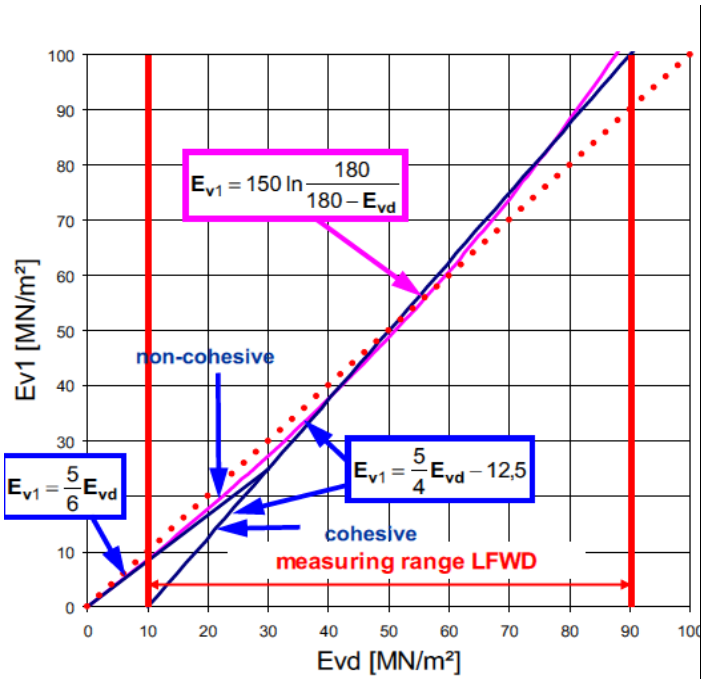
Criteria	Result
CBR (%)	0.9

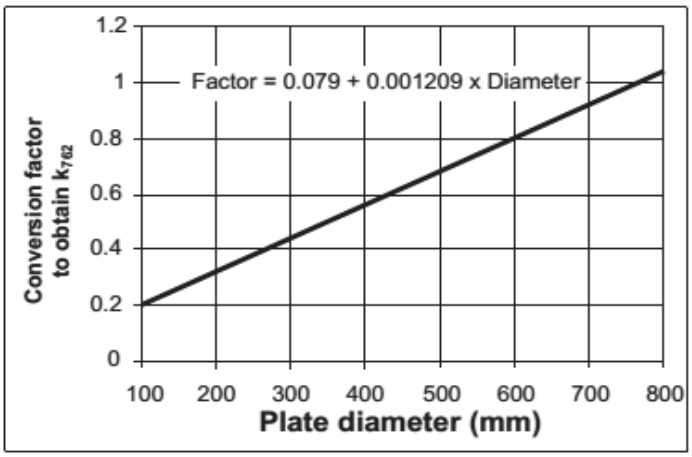
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





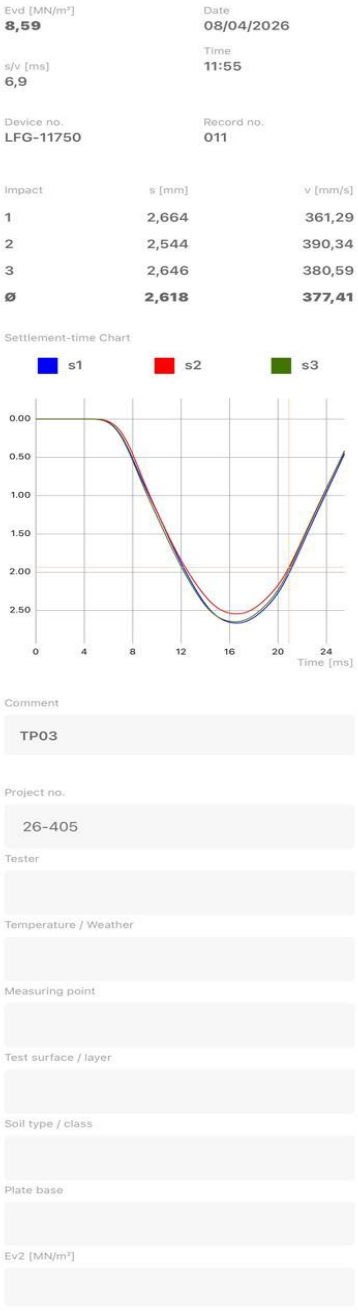


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
18.7	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	71.04	71,035.14

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	31.26	31,255.46

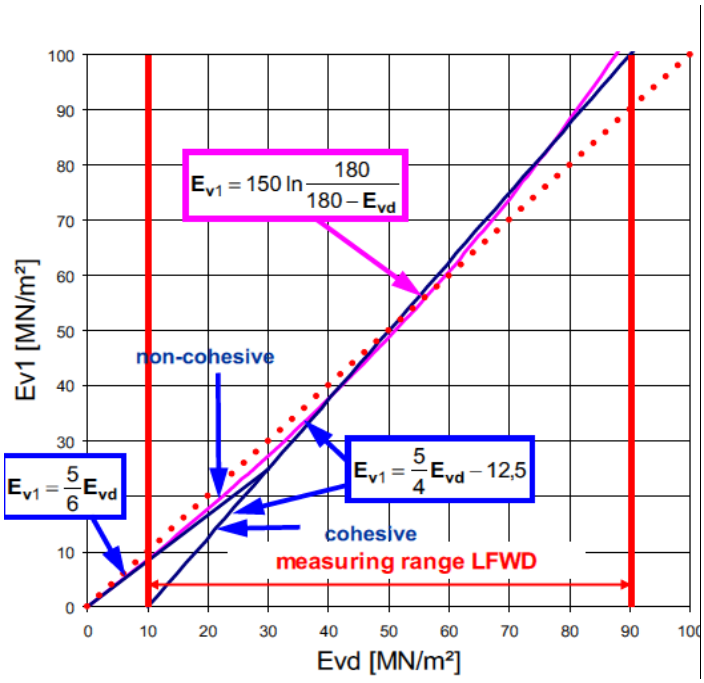
Criteria	Result
CBR (%)	3.8

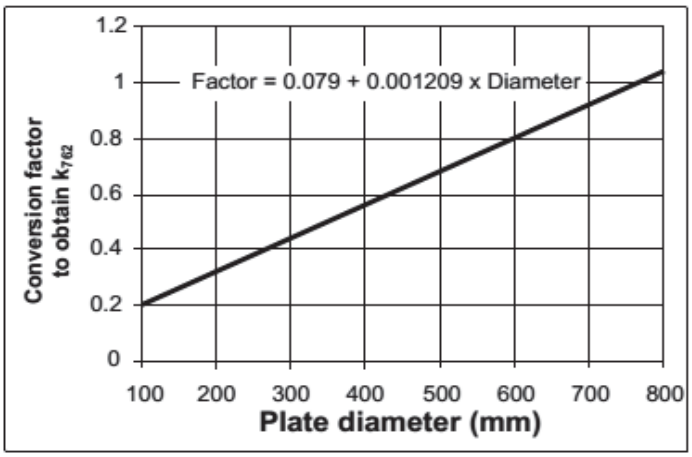
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





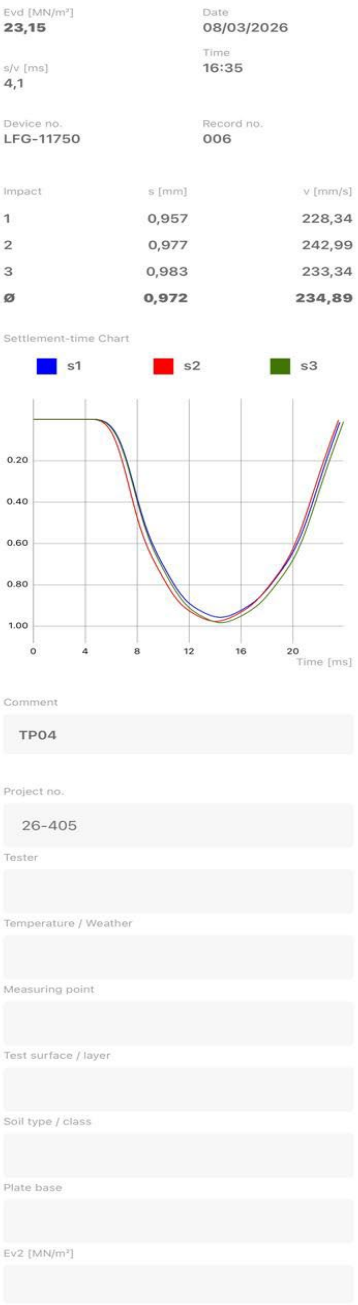


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
23.5	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	89.27	89,268.76

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	39.28	39,278.25

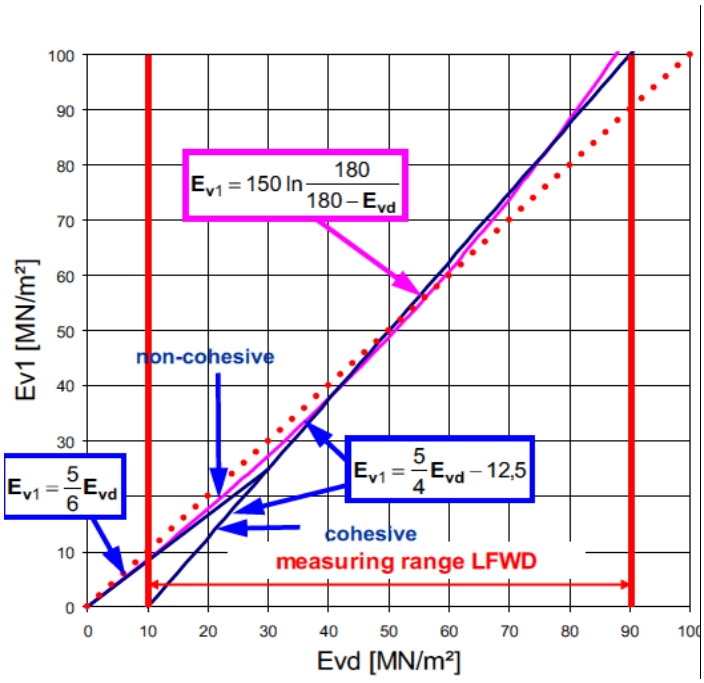
Criteria	Result
CBR (%)	5.6

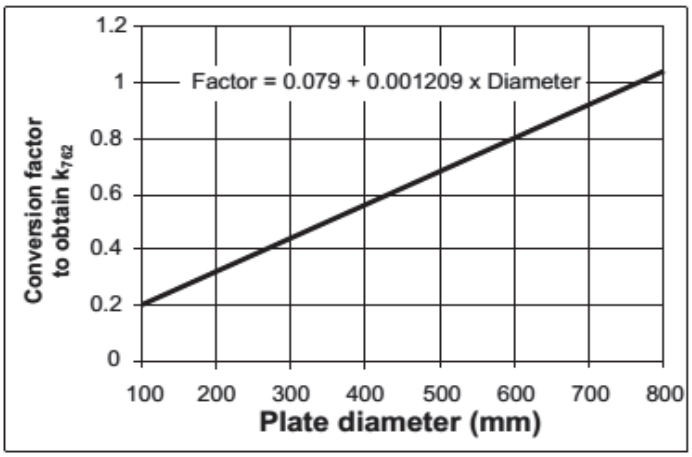
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





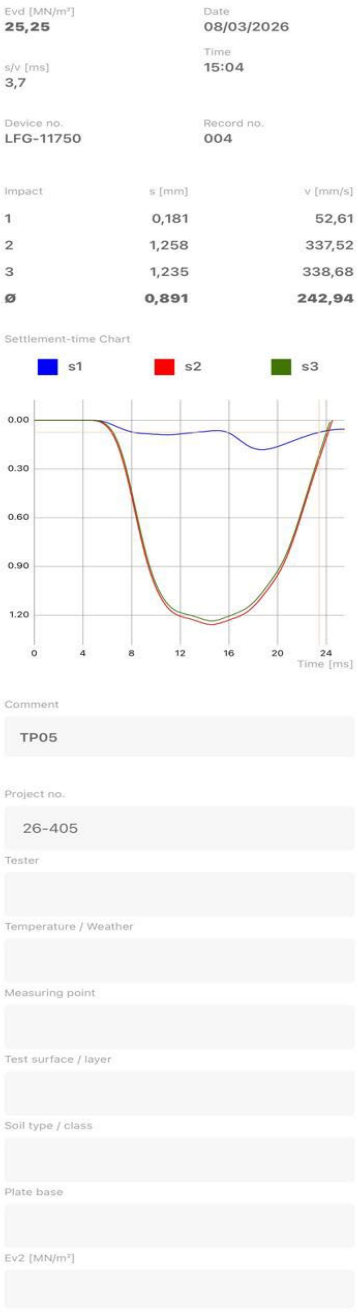


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
16.4	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	62.30	62,298.20

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	27.41	27,411.21

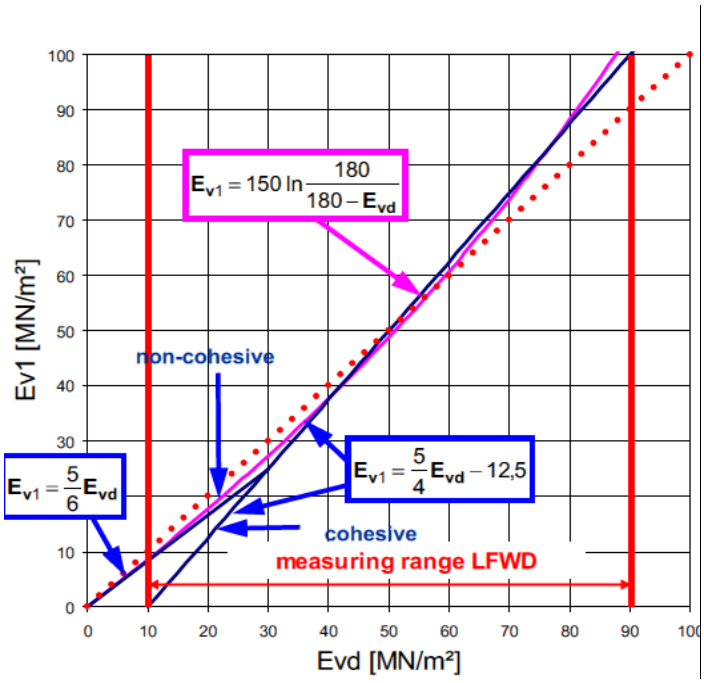
Criteria	Result
CBR (%)	3.0

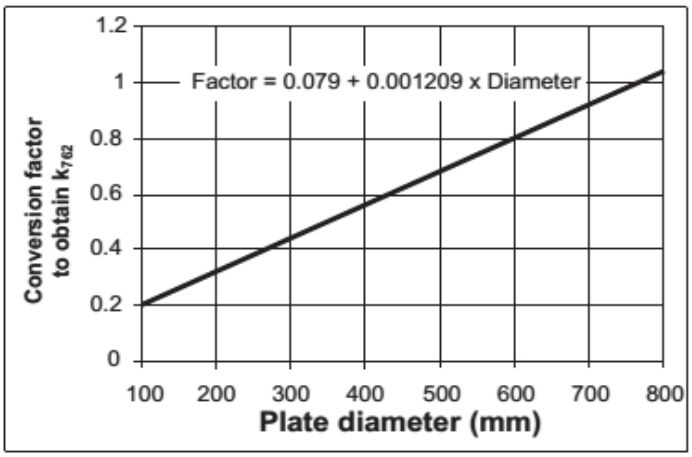
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





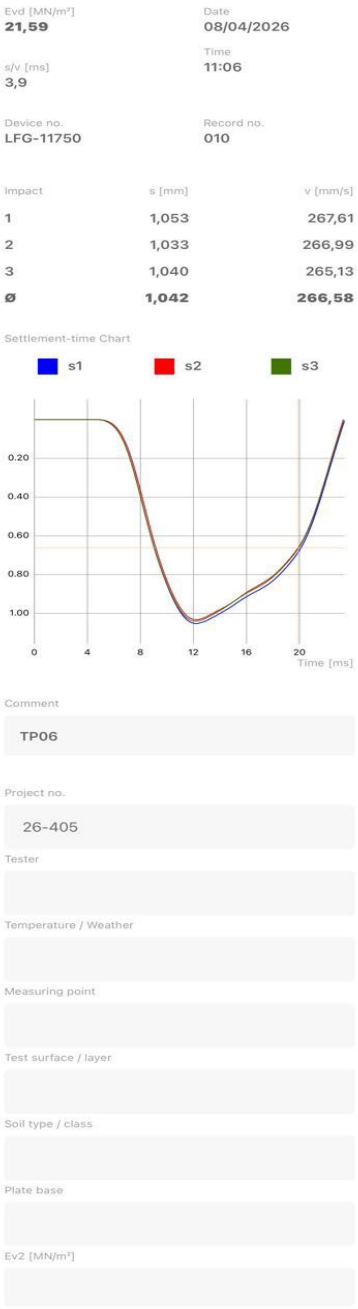


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
15.9	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	60.40	60,398.86

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	26.58	26,575.50

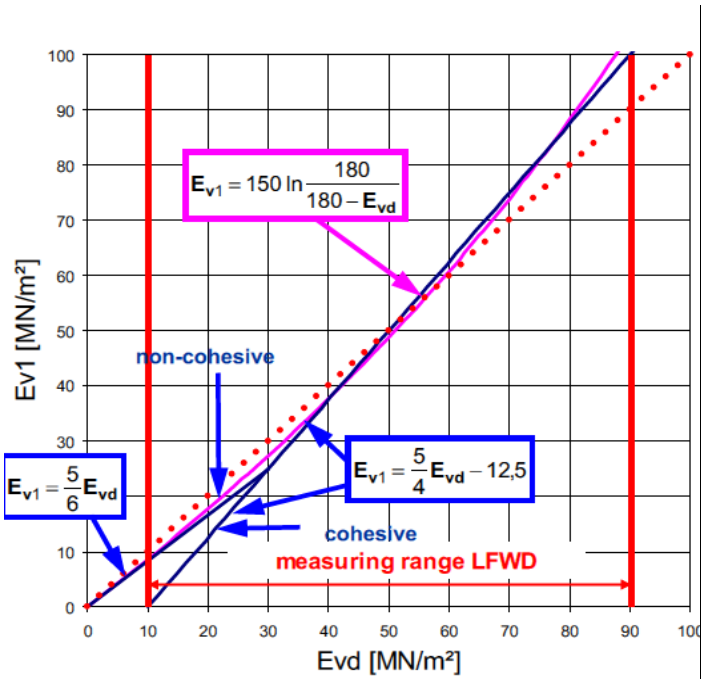
Criteria	Result
CBR (%)	2.8

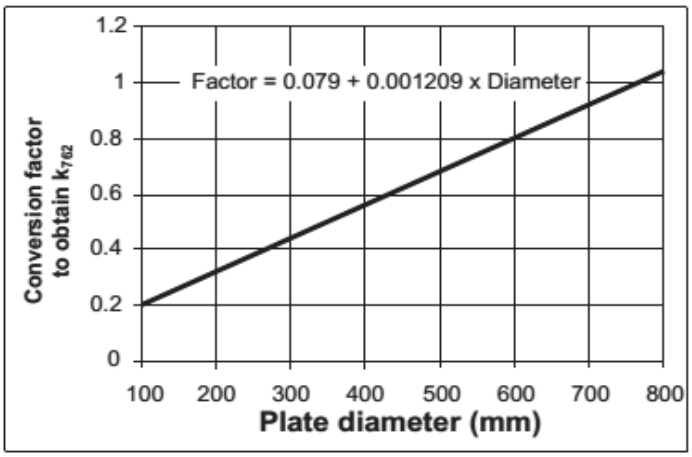
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





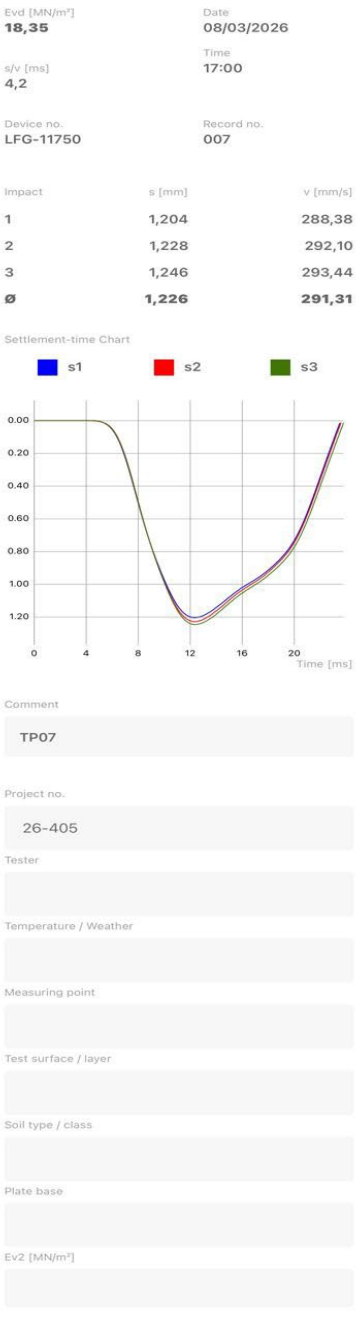


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
27	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	102.56	102,564.10

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	45.13	45,128.21

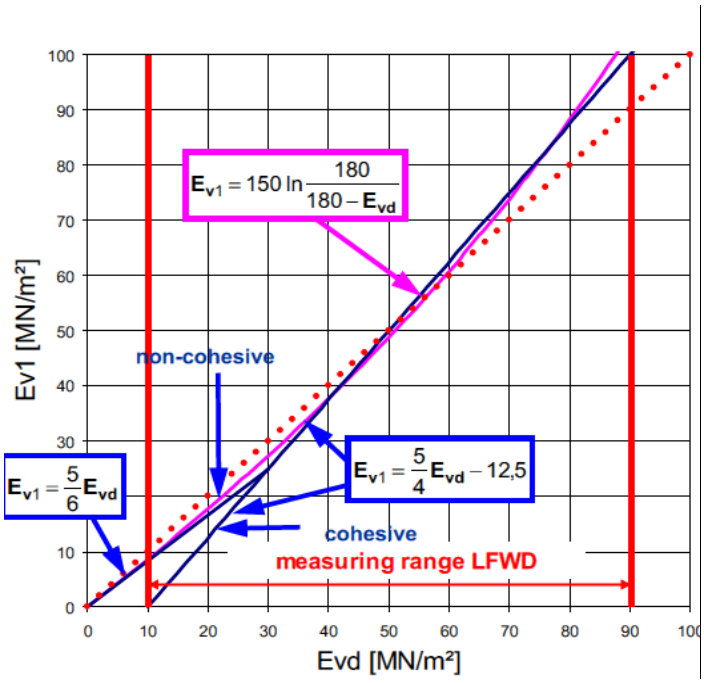
Criteria	Result
CBR (%)	7.1

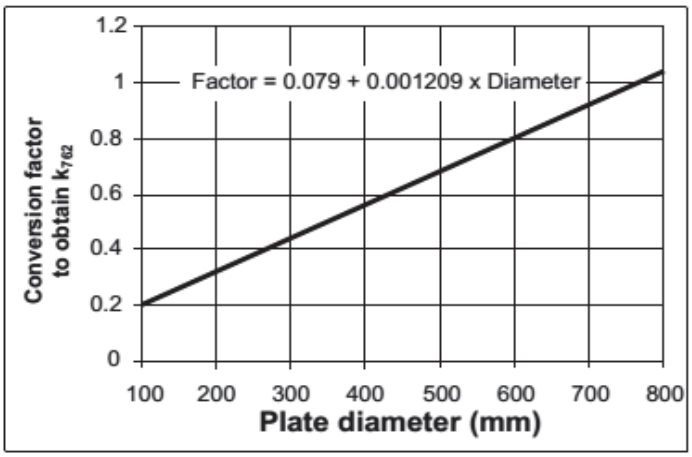
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





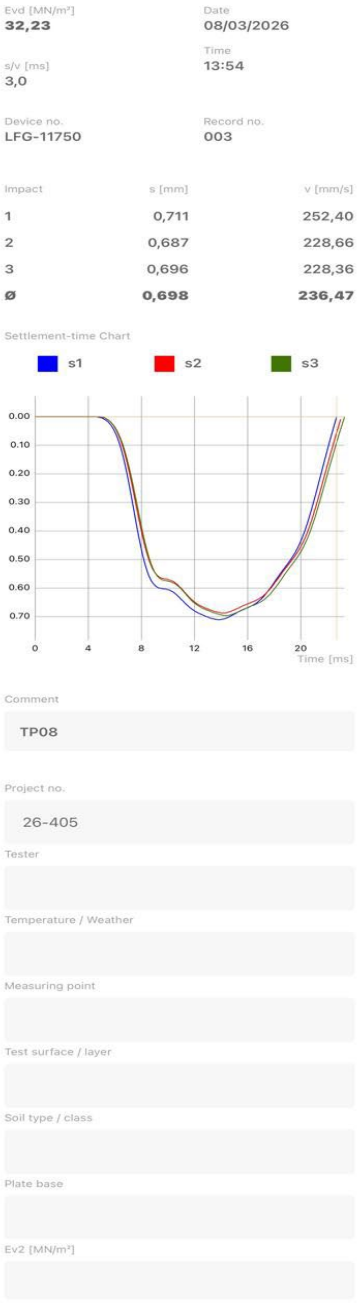


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
15.3	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	58.12	58,119.66

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	25.57	25,572.65

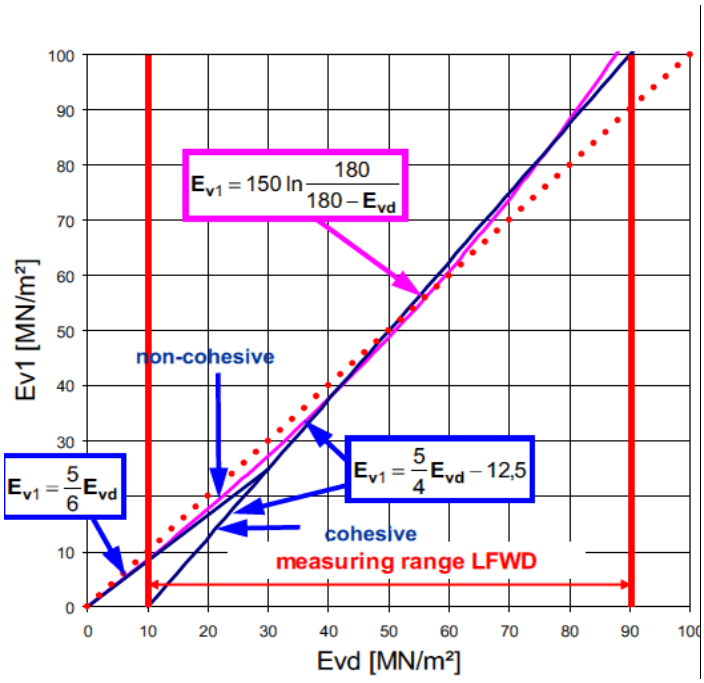
Criteria	Result
CBR (%)	2.7

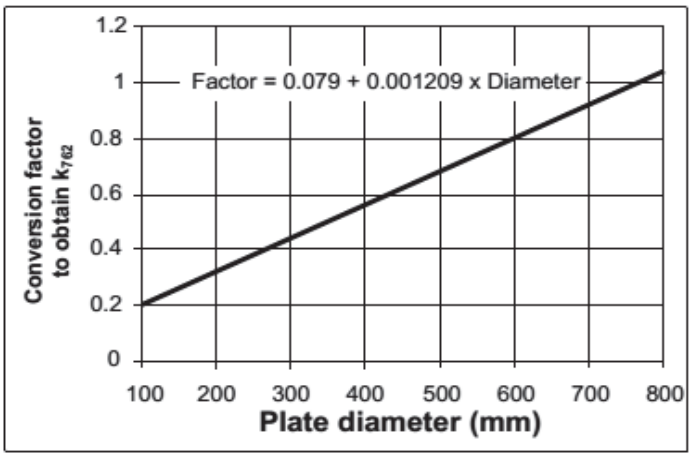
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





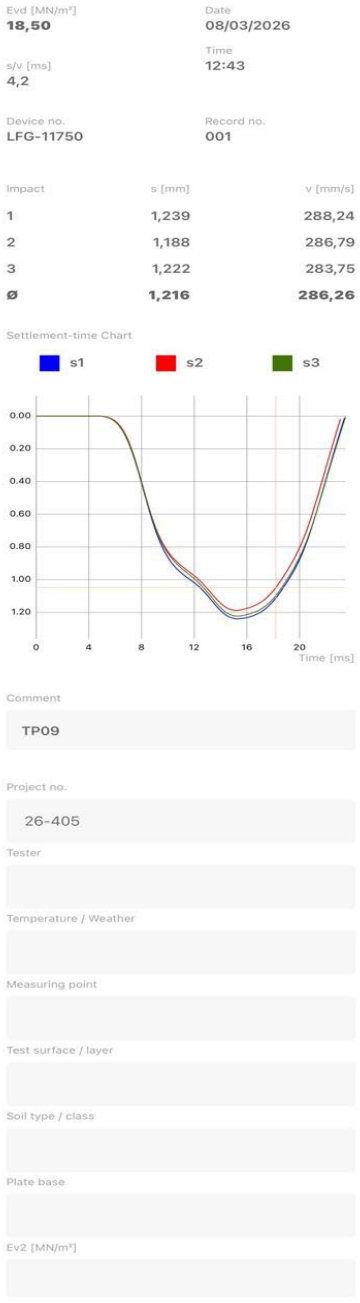


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
16.5	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	62.68	62,678.06

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	27.58	27,578.35

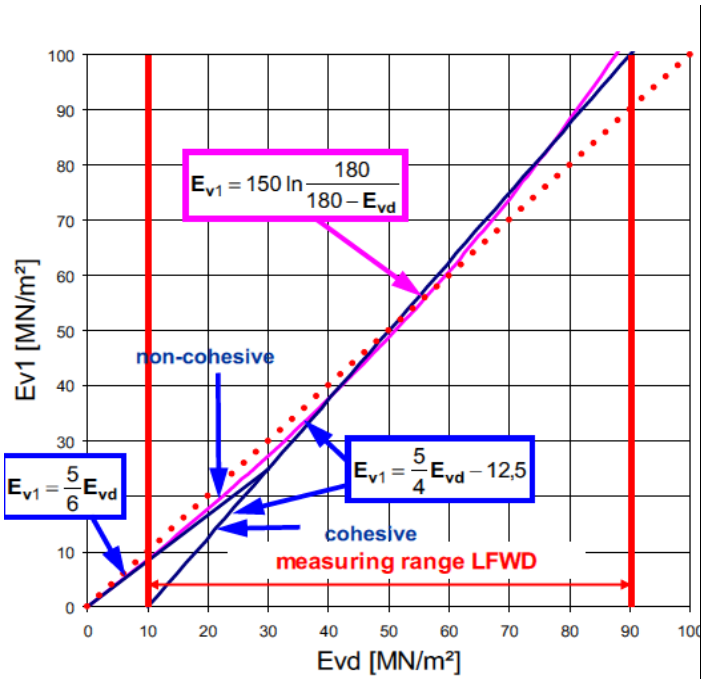
Criteria	Result
CBR (%)	3.0

Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$



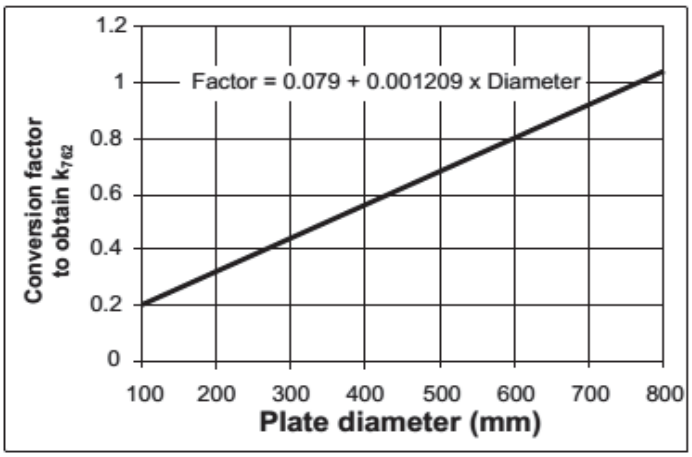




Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
14	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	53.18	53,181.39

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	23.40	23,399.81

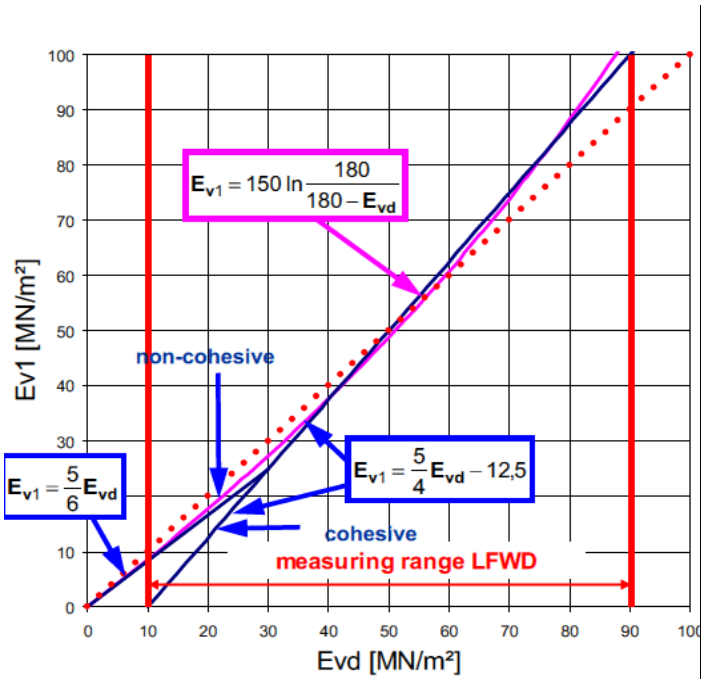
Criteria	Result
CBR (%)	2.3

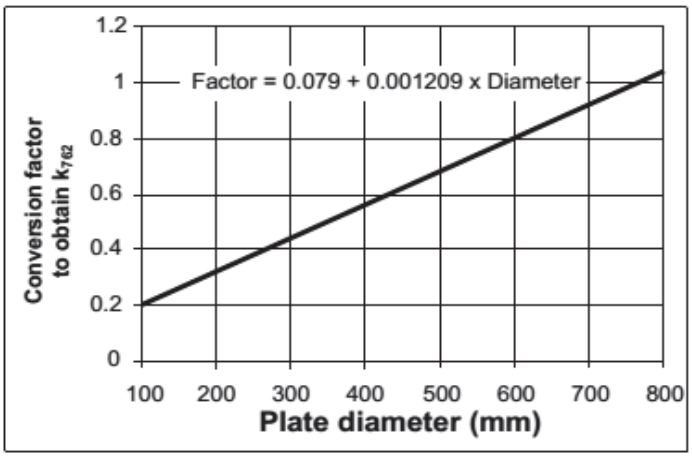
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





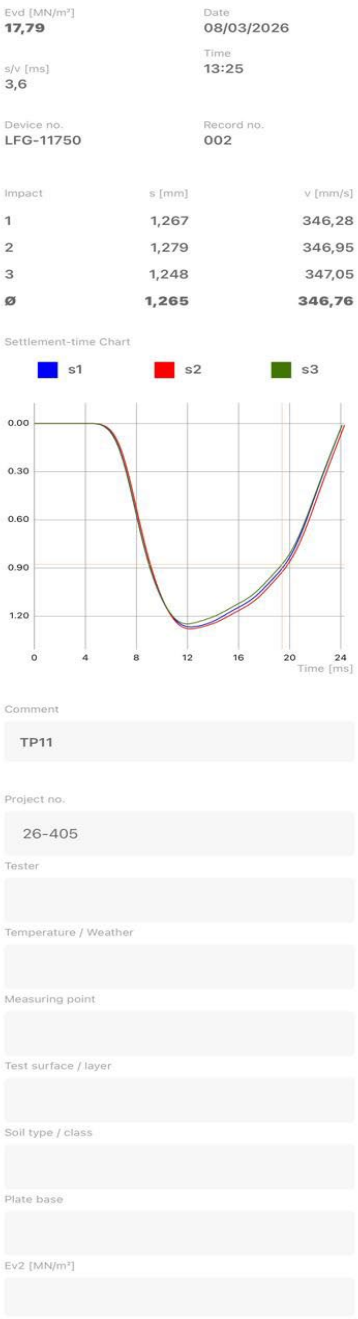


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

Conversion of Dynamic Modulus (Evd) obtained using Light Weight Deflectometer (LWD) to California Bearing Ratio (CBR).

Enter values for Ev1, V, and B to determine CBR(%)

Dynamic Modulus	Poissons's Ratio	Plate Width
Ev1 (MN/m^2)	V	B (m)
17.6	0.35	0.3

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{300}	66.86	66,856.60

Criteria	Result ($MN/m^2/m$)	Result ($kN/m^2/m$)
K_{762}	29.42	29,416.90

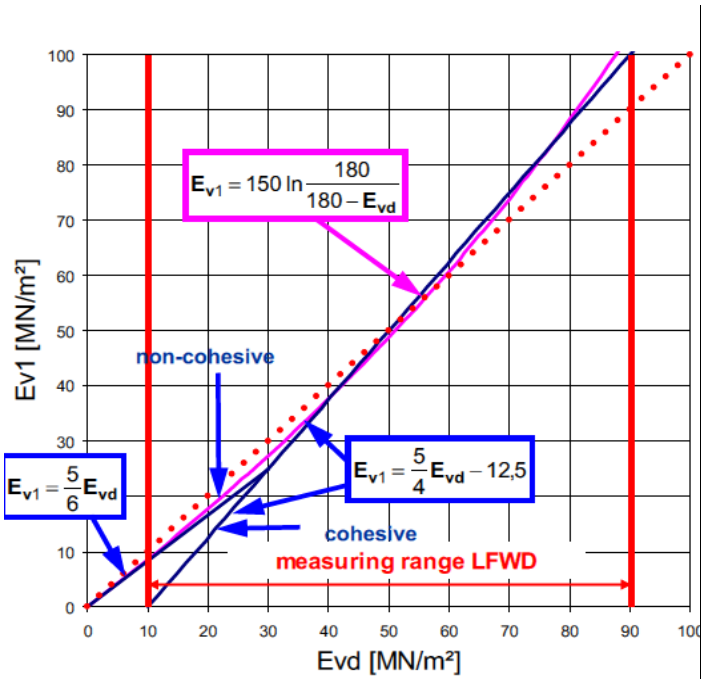
Criteria	Result
CBR (%)	3.4

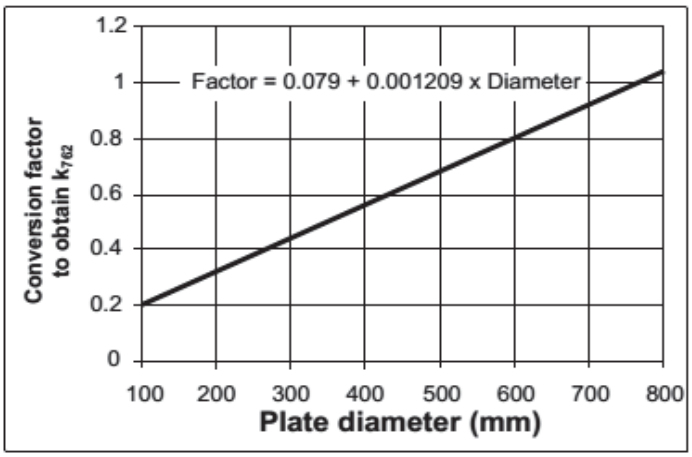
Theoretical Formula

$$K_{300} = \frac{Ev1}{B \cdot (1 - v^2)}$$

$$K_{762} = K_{300} \cdot 0.44$$

$$CBR(\%) = 6.1x10^{-8} \cdot (K_{762})^{1.733}$$





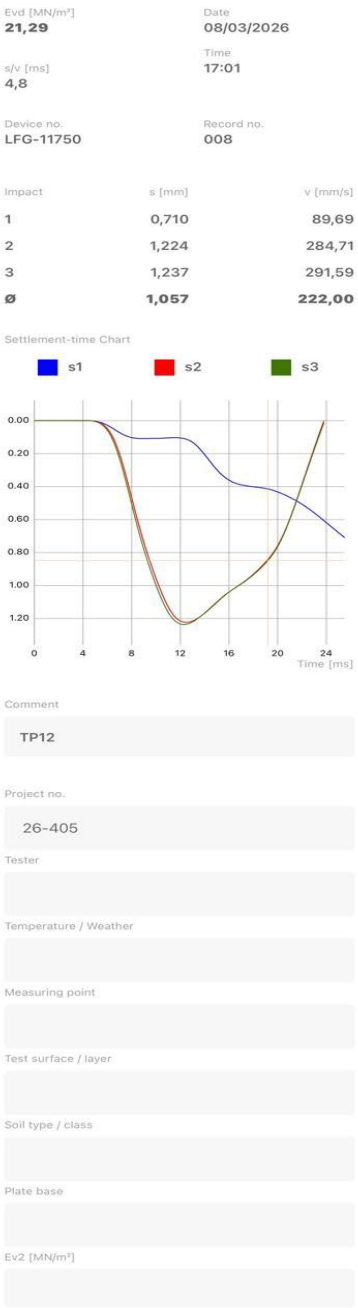


Table 1: Soil characterisation scheme for cohesionless soils

Cohesionless soils	Very loose	Loose	Medium dense	Dense	Very dense
Evd (MPa)	0-12	12-24	24-34	34-50	50-90
Ev1 (MPa)	0-10	10-20	20-30	30-50	50-100

Table 2: Soil characterisation scheme for cohesive soils

Cohesive soils	Very soft	Soft	Firm	Stiff	Very stiff	Hard
Evd (MPa)	0-22	22-30	30-36	36-43	43-50	50-90
Ev1 (MPa)	0-15	15-25	25-33	33-41	41-50	50-100

APPENDIX III

Arc Environmental Ground Gas & Groundwater Monitoring Certificate

Site:	Mapplewell 2
Ref:	26-405

Visit	Date	Time	Equipment	Weather	Initials	Comments	Borehole	Gas Flow (l/hr)	Atmospheric Pressure (mb)	Trend	Methane (% v/v)		Methane (% LEL)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Hydrocarbons (GFM 435 only)		Other Gases (PPM)			Depth to Water (m bgl)
										R/F/S	Initial	Steady	Initial	Steady	Initial	Steady	Initial	Steady	Hex %	PID Cf	PID (Isobutylene)	H_2S	CO	
1	04/08/2026	11.35	GFM435	CLEAR	JB		WS03	<0.1	997			0.0		0.0		0.7		20.2						Dry
							WS04	<0.1	997			0.0		0.0		0.7		20.1						Dry
							WS08	<0.1	997			0.0		0.0		0.8		16.1						Dry
							WS11	<0.1	997			0.0		0.0		0.2		20.3						2.61
							WS12	<0.1	997			0.0		0.0		0.8		19.5						Dry
							WS16	<0.1	997			0.0		0.0		3.0		16.7						2.04
2	18/08/26	08:24	GFM435	CLEAR	JB		WS03	<0.1	998			0.0		0.0		0.6		20.3						2.5
							WS04	<0.1	998			0.0		0.0		0.2		20.5						Dry
							WS08	<0.1	1000			0.0		0.0		0.7		18.6						Dry
							WS11	<0.1	999			0.0		0.0		0.3		20.3						2.1
							WS12	<0.1	999			0.0		0.0		0.9		19.5						Dry
							WS16	<0.1	1000			0.0		0.0		3.3		16.6						Dry
3	02/09/2026	08:24	GFM435	CLEAR	JB		WS03	<0.1	1006			0.0		0.0		0.8		20.6						2.2
							WS04	<0.1	1005			0.0		0.0		0.4		20.1						Dry
							WS08	<0.1	1006			0.0		0.0		1.1		18.2						Dry
							WS11	<0.1	1005			0.0		0.0		0.5		20.5						2
							WS12	<0.1	1005			0.0		0.0		1.0		19.0						Dry
							WS16	<0.1	1006			0.0		0.0		3.2		14.4						1.8
4																								
5																								
6																								

Notes:

Detection limits - Methane = 0.0%, Carbon Dioxide = 0.0%, LEL = 0.0%, Oxygen = 0.0%, Flow = 0.1l/hr

Monitoring order is from **Left to Right** across table

Monitoring should be for **Not Less** than 3 minutes However, if high concentrations of gasses initially recorded, monitoring should be for up to 10 minutes

N/A = Not applicable = Off the scale

Cf = PID compensation Factor (1-10) - Must be used to multiply the PID reading to give an accuate measure of the total hydrocarbons in the borehole when methane is present

Hex = Hexane (Valid and in range up to 2.000%) - Recorded when abnormally high methane is present.

PID = Photo Ionisation Detector (Calibrated to Isobutylene)

APPENDIX IV

ANALYTICAL TEST REPORT

Report Number	26-09274, issue number 3
Contract name:	Mapplewell 2, Barnsely
Client reference:	26-405
Clients name:	ARC Environmental Ltd
Clients address:	ARC Environmental Ltd Solum House, Unit 1 Elliott Court St Johns Road DH7 8PN
Samples received:	30/07/2026
Analysis started:	03/08/2026
Analysis completed:	27/08/2026
Report issued:	27/08/2026 3. Replaces Analytical Report number 26-09274; issue no.2

Key

U UKAS accredited test
M MCERTS & UKAS accredited test
(B) Analysis performed at Southampton Site
I/S Insufficient sample to carry out test
U/S Sample not suitable for testing
NAD No Asbestos Detected
Full key available on Information page

Approved by:

Georgia Hunter
Senior Reporting Administrator

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
% Moisture reported as MCERTS drying at 30ºC

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
122745	WS05	0.90 - 1.00	Brown Clay with Stones and Vegetation.	-	-	15.3
122746	WS07	0.70 - 0.90	Brown Clay with Stones and Vegetation.	-	-	15.8
122747	WS10	0.90 - 1.00	Brown Sandy Clay with Stones and Vegetation.	-	-	11.4
122748	WS18	0.60 - 0.70	Brown Sandy Clay with Stones and Vegetation.	-	-	6.2
122749	WS01	0.17 - 0.20	Brown Sandy Clay with Stones and Vegetation.	-	-	13.7
122750	WS02	0.15 - 0.25	Brown Sandy Clay with Stones and Vegetation.	-	-	9.7
122751	WS03	0.00 - 0.10	Brown Loamy Sand with Stones and Vegetation.	-	-	3.6
122752	WS04	0.10 - 0.20	Brown Sandy Clay with Stones and Vegetation.	-	-	7.8
122753	WS08	0.29 - 0.40	Brown Clayey Sand with Stones and Vegetation.	-	-	8.7
122754	WS11	0.00 - 0.10	Brown Sandy Clay with Stones and Vegetation.	-	-	11.1
122755	WS12	0.70 - 0.80	Brown Sand with Stones and Vegetation.	-	-	6.9
122756	WS13	0.20 - 0.30	Red Sandy Loamy Clay with Stones and Vegetation.	-	-	6.4
122757	WS16	1.10 - 1.30	Brown Sandy Loamy Clay with Stones and Vegetation.	-	-	20.0
122758	WS17	0.60 - 0.80	Brown Sandy Clayey Loam with Stones and Vegetation.	-	-	18.0
122759	WS08	0.19 - 0.29	Brown Sandy Clayey Loam with Stones and Vegetation.	-	-	9.1
122760	WS10	0.16 - 0.23	Brown Sandy Clay with Stones and Vegetation.	-	-	10.9
122761	WS16	0.50 - 0.60	Brown Sandy Clay with Stones and Vegetation.	-	-	13.2
122762	WS18	0.10 - 0.20	Brown Sandy Clay with Stones and Vegetation.	-	-	5.5
122763	WS02	2.50 - 2.60	Brown Sandy Clay with Stones and Vegetation.	-	-	9.0
122764	WS06	1.90 - 2.00	Brown Sandy Clay with Stones and Vegetation.	-	-	10.1
122765	WS09	2.20 - 2.30	Brown Sandy Clay with Stones and Vegetation.	-	-	6.3
122766	WS13	2.90 - 3.00	Brown Sandy Clay with Stones and Vegetation.	-	-	6.0
122767	WS17	2.60 - 2.80	Brown Sandy Clay with Stones and Vegetation.	-	-	13.8

SOILS

Lab Number					122745	122746	122747	122748	122749
Sample ID					WS05	WS07	WS10	WS18	WS01
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.17 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Moisture Content	CE001	N	0.1	%	15.3	15.8	11.4	6.2	13.7
Arsenic	CE264	M	2.3	mg/kg	n/t	n/t	n/t	n/t	8.3
Cadmium	CE264	M	1.1	mg/kg	n/t	n/t	n/t	n/t	1.9
Chromium	CE264	U	1.3	mg/kg	n/t	n/t	n/t	n/t	28.7
Chromium III	CE208	N	2	mg/kg	n/t	n/t	n/t	n/t	28.7
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	n/t	n/t	n/t	n/t	< 0.040
Copper	CE264	M	1.2	mg/kg	n/t	n/t	n/t	n/t	32.3
Lead	CE264	U	2.4	mg/kg	n/t	n/t	n/t	n/t	19.6
Mercury	CE264	M	0.6	mg/kg	n/t	n/t	n/t	n/t	< 0.6
Nickel	CE264	M	1.6	mg/kg	n/t	n/t	n/t	n/t	13.8
Selenium	CE264	M	3	mg/kg	n/t	n/t	n/t	n/t	< 3.0
Sulphur %	CE264	N	0.0026	%	n/t	n/t	n/t	n/t	n/t
Zinc	CE264	M	2.4	mg/kg	n/t	n/t	n/t	n/t	57.3
Electrical Conductivity	CE007	U	10	µS/cm	207	34.0	205	61.0	n/t
pH	CE004	M	0.1	pH units	4.5	6.2	5.4	6.3	5.2
Redox Potential	CE082	N	-1000	mV	304	513	299	396	n/t
Water Soluble Magnesium	CE061	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Water Soluble Sulphate	CE061	M	10	mg/l	n/t	n/t	n/t	n/t	72.9
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	n/t	n/t	n/t	n/t	n/t
Water Soluble Chloride	CE261	U	1.5	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrate as NO3	CE261	N	3.8	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrite as N	CE261	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Free Cyanide	CE077	N	1	mg/kg	n/t	n/t	n/t	n/t	< 1.0
Combustion									
Total Organic Carbon	CE197	M	0.1	%	n/t	n/t	n/t	n/t	0.94
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	n/t	n/t	n/t	n/t	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	n/t	n/t	n/t	n/t	< 0.013
Fluorene	CE087	U	0.013	mg/kg	n/t	n/t	n/t	n/t	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	n/t	n/t	n/t	n/t	< 0.014

SOILS

Lab Number					122745	122746	122747	122748	122749
Sample ID					WS05	WS07	WS10	WS18	WS01
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.17 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Anthracene	CE087	U	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017
Pyrene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	< 0.016
Benzo(a)anthracene	CE087	U	0.012	mg/kg	n/t	n/t	n/t	n/t	< 0.012
Chrysene	CE087	M	0.028	mg/kg	n/t	n/t	n/t	n/t	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	n/t	n/t	n/t	n/t	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	n/t	n/t	n/t	n/t	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	< 0.019
Total PAH(16)	CE087	N	0.28	mg/kg	n/t	n/t	n/t	n/t	< 0.280
BTEX & Total Petroleum Hydrocarbons									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	f < 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	f < 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	f < 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	f < 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	f < 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	f < 0.002
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
>C5-C10 Total (HS_1D_Total)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	n/t
>C10-C16 Soil (EH_1D_Total)	CE033	N	6	mg/kg	< 6.0	< 6.0	< 6.0	< 6.0	n/t
>C16-C40 Soil (EH_1D_Total)	CE033	N	12	mg/kg	< 12.0	< 12.0	< 12.0	< 12.0	n/t
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t	n/t	< 2.5
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	n/t	n/t	n/t	n/t	< 4.3

SOILS

Lab Number					122745	122746	122747	122748	122749
Sample ID					WS05	WS07	WS10	WS18	WS01
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.17 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t	n/t	< 2.5
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	n/t	n/t	n/t	n/t	< 5.2
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	n/t	n/t	n/t	n/t	< 2.6
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	n/t	n/t	n/t	n/t	< 5.0
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	n/t	n/t	n/t	n/t	< 5.5
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	n/t	n/t	n/t	n/t	< 4.5
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	n/t	n/t	n/t	n/t	< 11.0
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	n/t	n/t	n/t	n/t	< 5.2
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	n/t	n/t	n/t	n/t	< 21.4
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	n/t	n/t	n/t	n/t	NAD
Asbestos Quantification	SUBCON	SN	0.001	%	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					122750	122751	122752	122753	122754
Sample ID					WS02	WS03	WS04	WS08	WS11
Depth (m)					0.15 - 0.25	0.00 - 0.10	0.10 - 0.20	0.29 - 0.40	0.00 - 0.10
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Moisture Content	CE001	N	0.1	%	9.7	3.6	7.8	8.7	11.1
Arsenic	CE264	M	2.3	mg/kg	7.2	6.6	5.4	7.7	9.8
Cadmium	CE264	M	1.1	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Chromium	CE264	U	1.3	mg/kg	16.7	12.8	13.6	15.9	20.8
Chromium III	CE208	N	2	mg/kg	16.7	12.8	13.6	15.9	20.8
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040
Copper	CE264	M	1.2	mg/kg	10.4	8.4	11.0	14.5	12.1
Lead	CE264	U	2.4	mg/kg	27.3	26.9	26.3	24.1	41.9
Mercury	CE264	M	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Nickel	CE264	M	1.6	mg/kg	9.9	7.4	7.4	13.0	14.0
Selenium	CE264	M	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Sulphur %	CE264	N	0.0026	%	n/t	n/t	n/t	n/t	n/t
Zinc	CE264	M	2.4	mg/kg	53.4	43.0	50.9	26.3	68.1
Electrical Conductivity	CE007	U	10	µS/cm	n/t	n/t	n/t	n/t	n/t
pH	CE004	M	0.1	pH units	f 5.9	5.5	6.7	7.2	7.0
Redox Potential	CE082	N	-1000	mV	n/t	n/t	n/t	n/t	n/t
Water Soluble Magnesium	CE061	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Water Soluble Sulphate	CE061	M	10	mg/l	39.6	37.7	26.5	128	31.0
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	n/t	n/t	n/t	n/t	n/t
Water Soluble Chloride	CE261	U	1.5	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrate as NO3	CE261	N	3.8	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrite as N	CE261	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Free Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Total Organic Carbon	CE197	M	0.1	%	3.32	5.88	4.38	0.99	2.80
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.048	0.046	0.057	0.059	0.034
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	0.046	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	0.097	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	0.040	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.137	0.108	0.162	0.154	0.137

SOILS

Lab Number					122750	122751	122752	122753	122754
Sample ID					WS02	WS03	WS04	WS08	WS11
Depth (m)					0.15 - 0.25	0.00 - 0.10	0.10 - 0.20	0.29 - 0.40	0.00 - 0.10
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Anthracene	CE087	U	0.017	mg/kg	0.027	0.018	0.033	0.044	0.028
Fluoranthene	CE087	M	0.017	mg/kg	0.234	0.174	0.315	0.162	0.284
Pyrene	CE087	M	0.016	mg/kg	0.200	0.151	0.268	0.114	0.254
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.115	0.085	0.150	0.082	0.149
Chrysene	CE087	M	0.028	mg/kg	0.139	0.102	0.159	0.101	0.154
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.071	0.050	0.085	0.155	0.227
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.178	0.132	0.219	0.061	0.091
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.107	0.083	0.150	0.111	0.160
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.106	0.079	0.135	0.145	0.150
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.023	< 0.017	0.025	0.030	0.027
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.081	0.065	0.106	0.102	0.122
Total PAH(16)	CE087	N	0.28	mg/kg	1.47	1.09	1.87	1.50	1.82
BTEX & Total Petroleum Hydrocarbons									
Benzene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	f < 0.001
Toluene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	f < 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	f < 0.001
MTBE	CE267	N	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	f < 0.002
Total BTEX	CE267	N	0.007	mg/kg	n/t	n/t	n/t	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	f < 0.002
oXylenes	CE267	U	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	f < 0.002
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	0.11	< 0.10	< 0.10	< 0.10
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C5-C10 Total (HS_1D_Total)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C16 Soil (EH_1D_Total)	CE033	N	6	mg/kg	n/t	n/t	n/t	n/t	n/t
>C16-C40 Soil (EH_1D_Total)	CE033	N	12	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	< 4.3	< 4.3	< 4.3	< 4.3	< 4.3

SOILS

Lab Number					122750	122751	122752	122753	122754
Sample ID					WS02	WS03	WS04	WS08	WS11
Depth (m)					0.15 - 0.25	0.00 - 0.10	0.10 - 0.20	0.29 - 0.40	0.00 - 0.10
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	< 5.2	40.3	8.2	< 5.2	< 5.2
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	< 5.5	< 5.5	< 5.5	< 5.5	< 5.5
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	< 11.0	44.8	15.5	< 11.0	< 11.0
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	< 5.2	19.0	5.6	< 5.2	< 5.2
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	< 21.4	108	33.8	< 21.4	< 21.4
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	Chrysotile	NAD	NAD	NAD	NAD
Asbestos Quantification	SUBCON	SN	0.001	%	< 0.001	n/t	n/t	n/t	n/t

SOILS

Lab Number					122755	122756	122757	122758	122759
Sample ID					WS12	WS13	WS16	WS17	WS08
Depth (m)					0.70 - 0.80	0.20 - 0.30	1.10 - 1.30	0.60 - 0.80	0.19 - 0.29
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Moisture Content	CE001	N	0.1	%	6.9	6.4	20.0	18.0	9.1
Arsenic	CE264	M	2.3	mg/kg	6.9	3.3	5.2	8.2	n/t
Cadmium	CE264	M	1.1	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	n/t
Chromium	CE264	U	1.3	mg/kg	14.9	8.5	18.8	20.4	n/t
Chromium III	CE208	N	2	mg/kg	14.9	8.50	18.8	20.4	n/t
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	< 0.040	< 0.040	< 0.040	< 0.040	n/t
Copper	CE264	M	1.2	mg/kg	18.8	12.4	11.2	13.1	n/t
Lead	CE264	U	2.4	mg/kg	45.0	11.5	20.1	29.3	n/t
Mercury	CE264	M	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	n/t
Nickel	CE264	M	1.6	mg/kg	11.7	5.8	13.7	14.4	n/t
Selenium	CE264	M	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	n/t
Sulphur %	CE264	N	0.0026	%	n/t	n/t	n/t	n/t	n/t
Zinc	CE264	M	2.4	mg/kg	59.2	28.5	54.9	98.3	n/t
Electrical Conductivity	CE007	U	10	µS/cm	n/t	n/t	n/t	n/t	n/t
pH	CE004	M	0.1	pH units	6.9	8.9	7.7	6.5	n/t
Redox Potential	CE082	N	-1000	mV	n/t	n/t	n/t	n/t	n/t
Water Soluble Magnesium	CE061	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Water Soluble Sulphate	CE061	M	10	mg/l	48.5	35.1	318	206	n/t
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	n/t	n/t	n/t	n/t	n/t
Water Soluble Chloride	CE261	U	1.5	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrate as NO3	CE261	N	3.8	mg/l	n/t	n/t	n/t	n/t	n/t
Nitrite as N	CE261	N	1	mg/l	n/t	n/t	n/t	n/t	n/t
Free Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t
Combustion									
Total Organic Carbon	CE197	M	0.1	%	2.80	0.43	2.17	2.71	n/t
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.062	< 0.016	0.018	0.062	n/t
Acenaphthylene	CE087	M	0.015	mg/kg	0.017	< 0.015	< 0.015	< 0.015	n/t
Acenaphthene	CE087	M	0.013	mg/kg	0.022	< 0.013	< 0.013	< 0.013	n/t
Fluorene	CE087	U	0.013	mg/kg	0.017	< 0.013	< 0.013	< 0.013	n/t
Phenanthrene	CE087	M	0.014	mg/kg	0.272	0.045	0.103	0.203	n/t

SOILS

Lab Number					122755	122756	122757	122758	122759
Sample ID					WS12	WS13	WS16	WS17	WS08
Depth (m)					0.70 - 0.80	0.20 - 0.30	1.10 - 1.30	0.60 - 0.80	0.19 - 0.29
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Anthracene	CE087	U	0.017	mg/kg	0.048	< 0.017	0.040	0.037	n/t
Fluoranthene	CE087	M	0.017	mg/kg	0.661	0.049	0.211	0.368	n/t
Pyrene	CE087	M	0.016	mg/kg	0.579	0.038	0.183	0.320	n/t
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.321	0.020	0.099	0.172	n/t
Chrysene	CE087	M	0.028	mg/kg	0.314	< 0.028	0.088	0.188	n/t
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.507	< 0.020	0.118	0.285	n/t
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.170	< 0.025	0.047	0.103	n/t
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.348	< 0.019	0.080	0.179	n/t
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.335	< 0.019	0.068	0.185	n/t
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.062	< 0.017	< 0.017	0.035	n/t
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.266	< 0.019	0.057	0.149	n/t
Total PAH(16)	CE087	N	0.28	mg/kg	4.00	< 0.280	1.11	2.29	n/t
BTEX & Total Petroleum Hydrocarbons									
Benzene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	n/t
Toluene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	f < 0.001	f < 0.001	f < 0.001	f < 0.001	n/t
MTBE	CE267	N	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	n/t
Total BTEX	CE267	N	0.007	mg/kg	n/t	n/t	n/t	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	n/t
oXylenes	CE267	U	0.002	mg/kg	f < 0.002	f < 0.002	f < 0.002	f < 0.002	n/t
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	n/t
>C5-C10 Total (HS_1D_Total)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C16 Soil (EH_1D_Total)	CE033	N	6	mg/kg	n/t	n/t	n/t	n/t	n/t
>C16-C40 Soil (EH_1D_Total)	CE033	N	12	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	< 2.5	< 2.5	< 2.5	n/t
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	< 4.3	< 4.3	< 4.3	< 4.3	n/t

SOILS

Lab Number					122755	122756	122757	122758	122759
Sample ID					WS12	WS13	WS16	WS17	WS08
Depth (m)					0.70 - 0.80	0.20 - 0.30	1.10 - 1.30	0.60 - 0.80	0.19 - 0.29
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	< 2.5	3.6	3.9	9.4	n/t
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	7.7	25.3	61.4	48.6	n/t
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	< 2.6	< 2.6	22.4	6.3	n/t
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0	n/t
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	< 5.5	< 5.5	< 5.5	< 5.5	n/t
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	5.4	< 4.5	9.5	6.7	n/t
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	32.8	< 11.0	36.4	57.2	n/t
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	10.1	< 5.2	6.0	10.2	n/t
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	59.7	36.1	143	143	n/t
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	n/t
Asbestos Quantification	SUBCON	SN	0.001	%	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					122760	122761	122762	122763	122764
Sample ID					WS10	WS16	WS18	WS02	WS06
Depth (m)					0.16 - 0.23	0.50 - 0.60	0.10 - 0.20	2.50 - 2.60	1.90 - 2.00
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Moisture Content	CE001	N	0.1	%	10.9	13.2	5.5	9.0	10.1
Arsenic	CE264	M	2.3	mg/kg	n/t	n/t	n/t	n/t	n/t
Cadmium	CE264	M	1.1	mg/kg	n/t	n/t	n/t	n/t	n/t
Chromium	CE264	U	1.3	mg/kg	n/t	n/t	n/t	n/t	n/t
Chromium III	CE208	N	2	mg/kg	n/t	n/t	n/t	n/t	n/t
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	n/t	n/t	n/t	n/t	n/t
Copper	CE264	M	1.2	mg/kg	n/t	n/t	n/t	n/t	n/t
Lead	CE264	U	2.4	mg/kg	n/t	n/t	n/t	n/t	n/t
Mercury	CE264	M	0.6	mg/kg	n/t	n/t	n/t	n/t	n/t
Nickel	CE264	M	1.6	mg/kg	n/t	n/t	n/t	n/t	n/t
Selenium	CE264	M	3	mg/kg	n/t	n/t	n/t	n/t	n/t
Sulphur %	CE264	N	0.0026	%	n/t	n/t	n/t	< 0.0026	< 0.0026
Zinc	CE264	M	2.4	mg/kg	n/t	n/t	n/t	n/t	n/t
Electrical Conductivity	CE007	U	10	µS/cm	n/t	n/t	n/t	n/t	n/t
pH	CE004	M	0.1	pH units	n/t	n/t	n/t	8.4	4.8
Redox Potential	CE082	N	-1000	mV	n/t	n/t	n/t	n/t	n/t
Water Soluble Magnesium	CE061	N	1	mg/l	n/t	n/t	n/t	11.4	< 1.00
Water Soluble Sulphate	CE061	M	10	mg/l	n/t	n/t	n/t	104	227
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	n/t	n/t	n/t	0.05	0.04
Water Soluble Chloride	CE261	U	1.5	mg/l	n/t	n/t	n/t	9.38	147
Nitrate as NO3	CE261	N	3.8	mg/l	n/t	n/t	n/t	< 3.80	4.69
Nitrite as N	CE261	N	1	mg/l	n/t	n/t	n/t	< 1.00	< 1.00
Free Cyanide	CE077	N	1	mg/kg	n/t	n/t	n/t	n/t	n/t
Combustion									
Total Organic Carbon	CE197	M	0.1	%	n/t	n/t	n/t	n/t	n/t
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	n/t
Acenaphthylene	CE087	M	0.015	mg/kg	n/t	n/t	n/t	n/t	n/t
Acenaphthene	CE087	M	0.013	mg/kg	n/t	n/t	n/t	n/t	n/t
Fluorene	CE087	U	0.013	mg/kg	n/t	n/t	n/t	n/t	n/t
Phenanthrene	CE087	M	0.014	mg/kg	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					122760	122761	122762	122763	122764
Sample ID					WS10	WS16	WS18	WS02	WS06
Depth (m)					0.16 - 0.23	0.50 - 0.60	0.10 - 0.20	2.50 - 2.60	1.90 - 2.00
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Anthracene	CE087	U	0.017	mg/kg	n/t	n/t	n/t	n/t	n/t
Fluoranthene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	n/t
Pyrene	CE087	M	0.016	mg/kg	n/t	n/t	n/t	n/t	n/t
Benzo(a)anthracene	CE087	U	0.012	mg/kg	n/t	n/t	n/t	n/t	n/t
Chrysene	CE087	M	0.028	mg/kg	n/t	n/t	n/t	n/t	n/t
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	n/t	n/t	n/t	n/t	n/t
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	n/t	n/t	n/t	n/t	n/t
Benzo(a)pyrene	CE087	U	0.019	mg/kg	n/t	n/t	n/t	n/t	n/t
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	n/t
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	n/t	n/t	n/t	n/t	n/t
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	n/t	n/t	n/t	n/t	n/t
Total PAH(16)	CE087	N	0.28	mg/kg	n/t	n/t	n/t	n/t	n/t
BTEX & Total Petroleum Hydrocarbons									
Benzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
Toluene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t	n/t	n/t
MTBE	CE267	N	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
Total BTEX	CE267	N	0.007	mg/kg	n/t	n/t	n/t	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
oXylenes	CE267	U	0.002	mg/kg	n/t	n/t	n/t	n/t	n/t
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t	n/t	n/t
>C5-C10 Total (HS_1D_Total)	CE267	N	0.1	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C16 Soil (EH_1D_Total)	CE033	N	6	mg/kg	n/t	n/t	n/t	n/t	n/t
>C16-C40 Soil (EH_1D_Total)	CE033	N	12	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					122760	122761	122762	122763	122764
Sample ID					WS10	WS16	WS18	WS02	WS06
Depth (m)					0.16 - 0.23	0.50 - 0.60	0.10 - 0.20	2.50 - 2.60	1.90 - 2.00
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	n/t	n/t	n/t	n/t	n/t
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	n/t	n/t	n/t	n/t	n/t
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	n/t	n/t	n/t	n/t	n/t
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	n/t	n/t	n/t	n/t	n/t
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	n/t	n/t	n/t	n/t	n/t
Asbestos Quantification	SUBCON	SN	0.001	%	n/t	n/t	n/t	n/t	n/t

SOILS

Lab Number					122765	122766	122767
Sample ID					WS09	WS13	WS17
Depth (m)					2.20 - 2.30	2.90 - 3.00	2.60 - 2.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**			
Moisture Content	CE001	N	0.1	%	6.3	6.0	13.8
Arsenic	CE264	M	2.3	mg/kg	n/t	n/t	n/t
Cadmium	CE264	M	1.1	mg/kg	n/t	n/t	n/t
Chromium	CE264	U	1.3	mg/kg	n/t	n/t	n/t
Chromium III	CE208	N	2	mg/kg	n/t	n/t	n/t
Water Soluble Chromium VI	CE263	N	0.04	mg/kg	n/t	n/t	n/t
Copper	CE264	M	1.2	mg/kg	n/t	n/t	n/t
Lead	CE264	U	2.4	mg/kg	n/t	n/t	n/t
Mercury	CE264	M	0.6	mg/kg	n/t	n/t	n/t
Nickel	CE264	M	1.6	mg/kg	n/t	n/t	n/t
Selenium	CE264	M	3	mg/kg	n/t	n/t	n/t
Sulphur %	CE264	N	0.0026	%	< 0.0026	< 0.0026	< 0.0026
Zinc	CE264	M	2.4	mg/kg	n/t	n/t	n/t
Electrical Conductivity	CE007	U	10	µS/cm	n/t	n/t	n/t
pH	CE004	M	0.1	pH units	6.1	7.1	5.8
Redox Potential	CE082	N	-1000	mV	n/t	n/t	n/t
Water Soluble Magnesium	CE061	N	1	mg/l	< 1.00	10.5	1.04
Water Soluble Sulphate	CE061	M	10	mg/l	< 10.0	44.2	15.2
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.01	< 0.01	< 0.01
Water Soluble Chloride	CE261	U	1.5	mg/l	103	3.74	7.72
Nitrate as NO3	CE261	N	3.8	mg/l	< 3.80	< 3.80	< 3.80
Nitrite as N	CE261	N	1	mg/l	< 1.00	< 1.00	< 1.00
Free Cyanide	CE077	N	1	mg/kg	n/t	n/t	n/t
Combustion							
Total Organic Carbon	CE197	M	0.1	%	n/t	n/t	n/t
Polyaromatic hydrocarbons							
Naphthalene	CE087	M	0.016	mg/kg	n/t	n/t	n/t
Acenaphthylene	CE087	M	0.015	mg/kg	n/t	n/t	n/t
Acenaphthene	CE087	M	0.013	mg/kg	n/t	n/t	n/t
Fluorene	CE087	U	0.013	mg/kg	n/t	n/t	n/t
Phenanthrene	CE087	M	0.014	mg/kg	n/t	n/t	n/t

SOILS

Lab Number					122765	122766	122767
Sample ID					WS09	WS13	WS17
Depth (m)					2.20 - 2.30	2.90 - 3.00	2.60 - 2.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**			
Anthracene	CE087	U	0.017	mg/kg	n/t	n/t	n/t
Fluoranthene	CE087	M	0.017	mg/kg	n/t	n/t	n/t
Pyrene	CE087	M	0.016	mg/kg	n/t	n/t	n/t
Benzo(a)anthracene	CE087	U	0.012	mg/kg	n/t	n/t	n/t
Chrysene	CE087	M	0.028	mg/kg	n/t	n/t	n/t
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	n/t	n/t	n/t
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	n/t	n/t	n/t
Benzo(a)pyrene	CE087	U	0.019	mg/kg	n/t	n/t	n/t
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	n/t	n/t	n/t
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	n/t	n/t	n/t
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	n/t	n/t	n/t
Total PAH(16)	CE087	N	0.28	mg/kg	n/t	n/t	n/t
BTEX & Total Petroleum Hydrocarbons							
Benzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t
Toluene	CE267	U	0.001	mg/kg	n/t	n/t	n/t
Ethylbenzene	CE267	U	0.001	mg/kg	n/t	n/t	n/t
MTBE	CE267	N	0.002	mg/kg	n/t	n/t	n/t
Total BTEX	CE267	N	0.007	mg/kg	n/t	n/t	n/t
m,p-Xylene	CE267	U	0.002	mg/kg	n/t	n/t	n/t
oXylenes	CE267	U	0.002	mg/kg	n/t	n/t	n/t
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	n/t	n/t	n/t
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	n/t	n/t	n/t
>C5-C10 Total (HS_1D_Total)	CE267	N	0.1	mg/kg	n/t	n/t	n/t
>C10-C16 Soil (EH_1D_Total)	CE033	N	6	mg/kg	n/t	n/t	n/t
>C16-C40 Soil (EH_1D_Total)	CE033	N	12	mg/kg	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t
>C12-C16 Aliphatic (EH_CU_1D_AL)	CE286	N	4.3	mg/kg	n/t	n/t	n/t

SOILS

Lab Number					122765	122766	122767
Sample ID					WS09	WS13	WS17
Depth (m)					2.20 - 2.30	2.90 - 3.00	2.60 - 2.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**			
>C16-C21 Aliphatic (EH_CU_1D_AL)	CE286	N	2.5	mg/kg	n/t	n/t	n/t
>C21-C35 Aliphatic (EH_CU_1D_AL)	CE286	N	5.2	mg/kg	n/t	n/t	n/t
>C35-C44 Aliphatic (EH_CU_1D_AL)	CE286	N	2.6	mg/kg	n/t	n/t	n/t
>C10-C12 Aromatic (EH_CU_1D_AR)	CE286	N	5	mg/kg	n/t	n/t	n/t
>C12-C16 Aromatic (EH_CU_1D_AR)	CE286	N	5.5	mg/kg	n/t	n/t	n/t
>C16-C21 Aromatic (EH_CU_1D_AR)	CE286	N	4.5	mg/kg	n/t	n/t	n/t
>C21-C35 Aromatic (EH_CU_1D_AR)	CE286	N	11	mg/kg	n/t	n/t	n/t
>C35-C44 Aromatic (EH_CU_1D_AR)	CE286	N	5.2	mg/kg	n/t	n/t	n/t
>C5-C44 Total (EH_CU+HS_1D_Total)	CE286	N	21.4	mg/kg	n/t	n/t	n/t
Asbestos							
Asbestos Identification	SUBCON	SU	0	-	n/t	n/t	n/t
Asbestos Quantification	SUBCON	SN	0.001	%	n/t	n/t	n/t

SOIL VOCS

Lab Number					122745	122746	122747	122748	122755
Sample ID					WS05	WS07	WS10	WS18	WS12
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.70 - 0.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
VOC									
Benzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Toluene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Ethylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
m,p-Xylene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
o-xylene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1-Dichloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Chloroform	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Tetrachloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1,1-Trichloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Trichloroethylene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Tetrachloroethylene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Chlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Bromobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Bromodichloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1-Dichloro-1-propene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Trans - 1-2 -dichloroethylene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
2,2-Dichloropropane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Bromochloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2-Dichloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Dibromomethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2-Dichloropropane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1,2-Trichloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Dibromochloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,3-Dichloropropane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2-dibromoethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Styrene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Propylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
2-Chlorotoluene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2,4-Trimethylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
4-Chlorotoluene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010

SOIL VOCS

Lab Number					122745	122746	122747	122748	122755
Sample ID					WS05	WS07	WS10	WS18	WS12
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.70 - 0.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
t-butylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,3,5-Trimethylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,3-Dichlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Butylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Hexachlorobutadiene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1-2-3 - Trichlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Naphthalene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1-2-4 - Trichlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,4-Dichlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2-Dichlorobenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Bromoform	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2-Dibromo-3-Chloropropane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
4-Isopropyltoluene_(p-Cymene)	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1,1,2-Tetrachloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Bromomethane	CE174	N	0.03	mg/kg	n/t	n/t	n/t	n/t	< 0.030
Chloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Chloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Cis-1,2-Dichloroethene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
cis-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1,2,2-Tetrachloroethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Dichlorodifluoromethane_(CFC-12)	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Dichloromethane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Isopropylbenzene_(Cumene)	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
MTBE	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
sec-Butylbenzene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
trans-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Trichlorofluoromethane_(CFC-11)	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
Vinyl chloride	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,1-Dichloroethene	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
1,2,3-Trichloropropane	CE174	N	0.01	mg/kg	n/t	n/t	n/t	n/t	< 0.010
UKWIR									

SOIL VOCS

Lab Number					122745	122746	122747	122748	122755
Sample ID					WS05	WS07	WS10	WS18	WS12
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.70 - 0.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
VOC (total) inc TICS	CE174	N	1	µg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t
BTEX & MTBE (total)	CE267	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t

SOIL VOCS

Lab Number					122759	122760	122761	122762
Sample ID					WS08	WS10	WS16	WS18
Depth (m)					0.19 - 0.29	0.16 - 0.23	0.50 - 0.60	0.10 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
VOC								
Benzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Toluene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Ethylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
m,p-Xylene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
o-xylene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1-Dichloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Chloroform	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Tetrachloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1,1-Trichloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Trichloroethylene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Tetrachloroethylene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Chlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Bromobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Bromodichloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1-Dichloro-1-propene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Trans - 1-2 -dichloroethylene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
2,2-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Bromochloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dichloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Dibromomethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1,2-Trichloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Dibromochloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,3-Dichloropropane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2-dibromoethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Styrene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Propylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
2-Chlorotoluene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2,4-Trimethylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
4-Chlorotoluene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010

SOIL VOCS

Lab Number					122759	122760	122761	122762
Sample ID					WS08	WS10	WS16	WS18
Depth (m)					0.19 - 0.29	0.16 - 0.23	0.50 - 0.60	0.10 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
t-butylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,3,5-Trimethylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,3-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Butylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Hexachlorobutadiene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1-2-3 - Trichlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Naphthalene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1-2-4 - Trichlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,4-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dichlorobenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Bromoform	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dibromo-3-Chloropropane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
4-Isopropyltoluene_(p-Cymene)	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1,1,2-Tetrachloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Bromomethane	CE174	N	0.03	mg/kg	< 0.030	< 0.030	< 0.030	< 0.030
Chloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Chloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Cis-1,2-Dichloroethene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
cis-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1,2,2-Tetrachloroethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Dichlorodifluoromethane_(CFC-12)	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Dichloromethane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Isopropylbenzene_(Cumene)	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
MTBE	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
sec-Butylbenzene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
trans-1,3-Dichloro-1-Propene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Trichlorofluoromethane_(CFC-11)	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
Vinyl chloride	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,1-Dichloroethene	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
1,2,3-Trichloropropane	CE174	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010
UKWIR								

SOIL VOCS

Lab Number					122759	122760	122761	122762
Sample ID					WS08	WS10	WS16	WS18
Depth (m)					0.19 - 0.29	0.16 - 0.23	0.50 - 0.60	0.10 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
VOC (total) inc TICS	CE174	N	1	µg/kg	n/t	n/t	n/t	n/t
BTEX & MTBE (total)	CE267	N	1	mg/kg	n/t	n/t	n/t	n/t

SOIL SVOCS

Lab Number					122745	122746	122747	122748	122755
Sample ID					WS05	WS07	WS10	WS18	WS12
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.70 - 0.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
SVOC									
Phenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Bis(2-chloroethyl)ether	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-Chlorophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
1-3-Dichlorobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
1-4-Dichlorobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
1-2-Dichlorobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-Methylphenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Bis(2-chloroisopropyl)ether	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
3 and 4-methylphenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
N-Nitrosodi-n-propylamine	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Hexachloroethane	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Nitrobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Isophorone	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2- Nitrophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-4-Dimethylphenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Bis(2-chloroethoxy)methane	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-4-Dichlorophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-Chloroaniline	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Hexachloro- 1-3-butadiene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-Chloro-3-methylphenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-Methylnaphthalene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
1-Methylnaphthalene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Hexachlorocyclopentadiene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2.4.6-Trichlorophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2.4.5-Trichlorophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-Nitroaniline	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Dimethyl phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-6-dinitrotoluene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
3-Nitroaniline	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-nitrophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10

SOIL SVOCS

Lab Number					122745	122746	122747	122748	122755
Sample ID					WS05	WS07	WS10	WS18	WS12
Depth (m)					0.90 - 1.00	0.70 - 0.90	0.90 - 1.00	0.60 - 0.70	0.70 - 0.80
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Dibenzofuran	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Diethyl phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-Nitroaniline	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2-Methyl-4,6-dinitrophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Azobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Hexachlorobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Pentachlorophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Carbazole	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Di-n-butyl phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Butyl benzyl phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Di-n-octyl phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Bis(2-ethylhexyl)phthalate	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-Bromophenylphenylether	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
4-Chlorophenylphenylether	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
1,2,4-Trichlorobenzene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
Naphthalene, 2-chloro-	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
N-Nitrosodimethylamine	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2,4-Dinitrophenol	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
2,4-Dinitrotoluene	CE189	N	0.1	mg/kg	n/t	n/t	n/t	n/t	< 0.10
UKWIR									
SVOC (total) inc TICS	CE174	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t
Phenols (total)	CE174	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t
Cresols & chlorinated phenols (total)	CE174	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	n/t

SOIL SVOCS

Lab Number					122759	122760	122761	122762
Sample ID					WS08	WS10	WS16	WS18
Depth (m)					0.19 - 0.29	0.16 - 0.23	0.50 - 0.60	0.10 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
SVOC								
Phenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Bis(2-chloroethyl)ether	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-Chlorophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
1-3-Dichlorobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
1-4-Dichlorobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
1-2-Dichlorobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-Methylphenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Bis(2-chloroisopropyl)ether	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
3 and 4-methylphenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
N-Nitrosodi-n-propylamine	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Hexachloroethane	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Nitrobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Isophorone	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2- Nitrophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-4-Dimethylphenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Bis(2-chloroethoxy)methane	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-4-Dichlorophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-Chloroaniline	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Hexachloro- 1-3-butadiene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-Chloro-3-methylphenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-Methylnaphthalene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
1-Methylnaphthalene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Hexachlorocyclopentadiene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2.4.6-Trichlorophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2.4.5-Trichlorophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-Nitroaniline	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Dimethyl phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-6-dinitrotoluene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
3-Nitroaniline	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-nitrophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10

SOIL SVOCS

Lab Number					122759	122760	122761	122762
Sample ID					WS08	WS10	WS16	WS18
Depth (m)					0.19 - 0.29	0.16 - 0.23	0.50 - 0.60	0.10 - 0.20
Sampling Date					24/07/2026	24/07/2026	24/07/2026	24/07/2026
Test	**Method**	**Accred**	**LoD**	**Units**				
Dibenzofuran	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Diethyl phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-Nitroaniline	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2-Methyl-4,6-dinitrophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Azobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Hexachlorobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Pentachlorophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Carbazole	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Di-n-butyl phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Butyl benzyl phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Di-n-octyl phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Bis(2-ethylhexyl)phthalate	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-Bromophenylphenylether	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
4-Chlorophenylphenylether	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
1,2,4-Trichlorobenzene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
Naphthalene, 2-chloro-	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
N-Nitrosodimethylamine	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2,4-Dinitrophenol	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
2,4-Dinitrotoluene	CE189	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10
UKWIR								
SVOC (total) inc TICS	CE174	N	1	mg/kg	n/t	n/t	n/t	n/t
Phenols (total)	CE174	N	1	mg/kg	n/t	n/t	n/t	n/t
Cresols & chlorinated phenols (total)	CE174	N	1	mg/kg	n/t	n/t	n/t	n/t

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
SUBCON	Asbestos Soil	HSG248	Air Dried Sample
CE033	EPH in Soil	Acetone:Hexane Extraction and GCFID	As submitted sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE007	Electrical conductivity of Solids	Potentiometric	As submitted sample
CE082	Redox potential in Soil	Potentiometric	As submitted sample
CE174	VOC in Soil	HS-GCMS	As submitted sample
CE062	Acid Soluble Sulphate in Soils	HCl Extract and ICPOES	Air dried sample
CE189	SVOC in solids	DCM Extraction and GCMS	As submitted sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE261	Anions by Discrete Analyser in Soils	Gallery	Air dried sample
CE263	ChromiumVI by Discrete Analyser in Soil	Gallery	Air dried sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE077	Cyanides in Soils	Continuous Flow Analyser	As submitted sample
CE208	Chromium Hexavalent in Soil	Colorimetry	Air dried sample
CE197	TOC In Soil	PRIMACS Combustion Analyser	Air dried sample
CE286	TPHCWG in Soil	Acetone:Hexane Extraction, SPE and GCFID	As submitted sample

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to receipt
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
122745	WS05	0.90 - 1.00	N	
122746	WS07	0.70 - 0.90	N	
122747	WS10	0.90 - 1.00	N	
122748	WS18	0.60 - 0.70	N	
122749	WS01	0.17 - 0.20	Y	BTEX in Soils (f)
122750	WS02	0.15 - 0.25	Y	BTEX in Soils (f), PAH in Soil (f), TPHCWG in Soil (f)
122751	WS03	0.00 - 0.10	Y	BTEX in Soils (f)
122752	WS04	0.10 - 0.20	Y	BTEX in Soils (f)
122753	WS08	0.29 - 0.40	Y	BTEX in Soils (f)
122754	WS11	0.00 - 0.10	Y	BTEX in Soils (f)
122755	WS12	0.70 - 0.80	Y	BTEX in Soils (f)
122756	WS13	0.20 - 0.30	Y	BTEX in Soils (f)
122757	WS16	1.10 - 1.30	Y	BTEX in Soils (f)
122758	WS17	0.60 - 0.80	Y	BTEX in Soils (f)
122763	WS02	2.50 - 2.60	N	
122764	WS06	1.90 - 2.00	N	
122765	WS09	2.20 - 2.30	N	
122766	WS13	2.90 - 3.00	N	
122767	WS17	2.60 - 2.80	N	

REPORT INFORMATION

Report No.:26-09274, issue number 3

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

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Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Where sampling was undertaken by Chemtech Environmental Limited it is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones and 'inert' material, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

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
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

LABORATORY REPORT

Contract Number: PSL26/6320

Report Date: 19 August 2026

Client's Reference: 26-405

Client Name: ARC Environmental
Solum House
Unit 1 Elliott Court
St Johns Road, Meadowfield
Durham
DH7 8PN

For the attention of: Stephen Donald

Contract Title: Mapplewell 2, Barnsley

Date Received: 30/07/2026
Date Commenced: 30/07/2026
Date Completed: 19/08/2026

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. 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 other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins (Managing Director)	R Berriman (Associate Director)	S Royle (Laboratory Manager)
L Knight (Assistant Laboratory Manager)	S Eyre (Senior Technician)	D Nicholson (Senior Technician)

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SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS02			0.90	1.00	Brown mottled grey slightly sandy slightly gravelly CLAY.
WS03			0.90	1.00	Brown mottled grey slightly sandy slightly gravelly CLAY.
WS04			1.40	1.50	Brown mottled grey slightly sandy CLAY.
WS05			1.00	1.10	Brown mottled grey slightly sandy CLAY.
WS06			0.90	1.00	Brown mottled grey slightly sandy CLAY.
WS08			0.60	0.80	Brown slightly sandy slightly gravelly CLAY.
WS09			0.90	1.00	Brown mottled grey slightly sandy CLAY.
WS10			0.90	1.00	Brown mottled grey slightly sandy CLAY.
WS11			0.90	1.00	Brown mottled grey slightly sandy CLAY.
WS12			1.40	1.50	Brown mottled grey slightly sandy slightly gravelly CLAY.
WS13			1.00	1.20	Brown mottled grey slightly sandy slightly gravelly CLAY.
WS14			1.30	1.40	Brown mottled grey slightly sandy CLAY.
WS16			1.50	1.60	Brown mottled grey slightly sandy CLAY.
WS17			1.60	1.80	Brown mottled grey slightly sandy CLAY.
WS18			1.00	1.20	Brown mottled grey slightly sandy CLAY.

SUMMARY OF SOIL CLASSIFICATION TESTS

BS 1377 - Part 2 : 2022 in accordance with BS EN ISO 17892 (as below)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Water Content %	Linear Shrinkage	Particle Density Mg/m^3	Liquid Limit %	Plastic Limit %	Plasticity Index %	Passing 0.425mm %	Remarks
WS02			0.90	1.00	17.1			62	30	32	92	High Plasticity CIH
WS03			0.90	1.00	21.2			73	33	40	91	Very High Plasticity CIV
WS04			1.40	1.50	11.1			45	25	20	100	Medium Plasticity CIM
WS05			1.00	1.10	13.1			53	23	30	100	High Plasticity CIH
WS06			0.90	1.00	20.4			65	30	35	100	High Plasticity CIH
WS08			0.60	0.80	8.5			44	24	20	97	Medium Plasticity CIM
WS09			0.90	1.00	19.7			88	37	51	100	Very High Plasticity CIV
WS10			0.90	1.00	12.9			45	25	20	100	Medium Plasticity CIM
WS11			0.90	1.00	19.7			59	29	30	100	High Plasticity CIH
WS12			1.40	1.50	11.6			36	21	15	94	Medium Plasticity CIM
WS13			1.00	1.20	18.2			53	23	30	93	High Plasticity CIH
WS14			1.30	1.40	15.9			52	23	29	100	High Plasticity CIH
WS16			1.50	1.60	20.1			40	21	19	100	Medium Plasticity CIM
WS17			1.60	1.80	26.5			62	30	32	100	High Plasticity CIH
WS18			1.00	1.20	16.3			48	26	22	100	Medium Plasticity CIM

Water Content - BS 1377 - Part 2 : 2022 : Clause 4 in accordance with BS EN ISO 17892 - 1 : 2014 + A1 : 2022
Linear Shrinkage - BS 1377 - Part 2 : 2022 : Clause 7
Particle Density (Gas Jar method) - BS 1377 - Part 2 : 2022 : Clause 9
Liquid, Plastic Limit & Plasticity Index - BS 1377 - Part 2 : 2022 : Clause 5 & 6 in accordance with BS EN ISO 17892 - 12 : 2018 + A2 : 2022

SYMBOLS : NP = Non Plastic

UKAS TESTING 4043

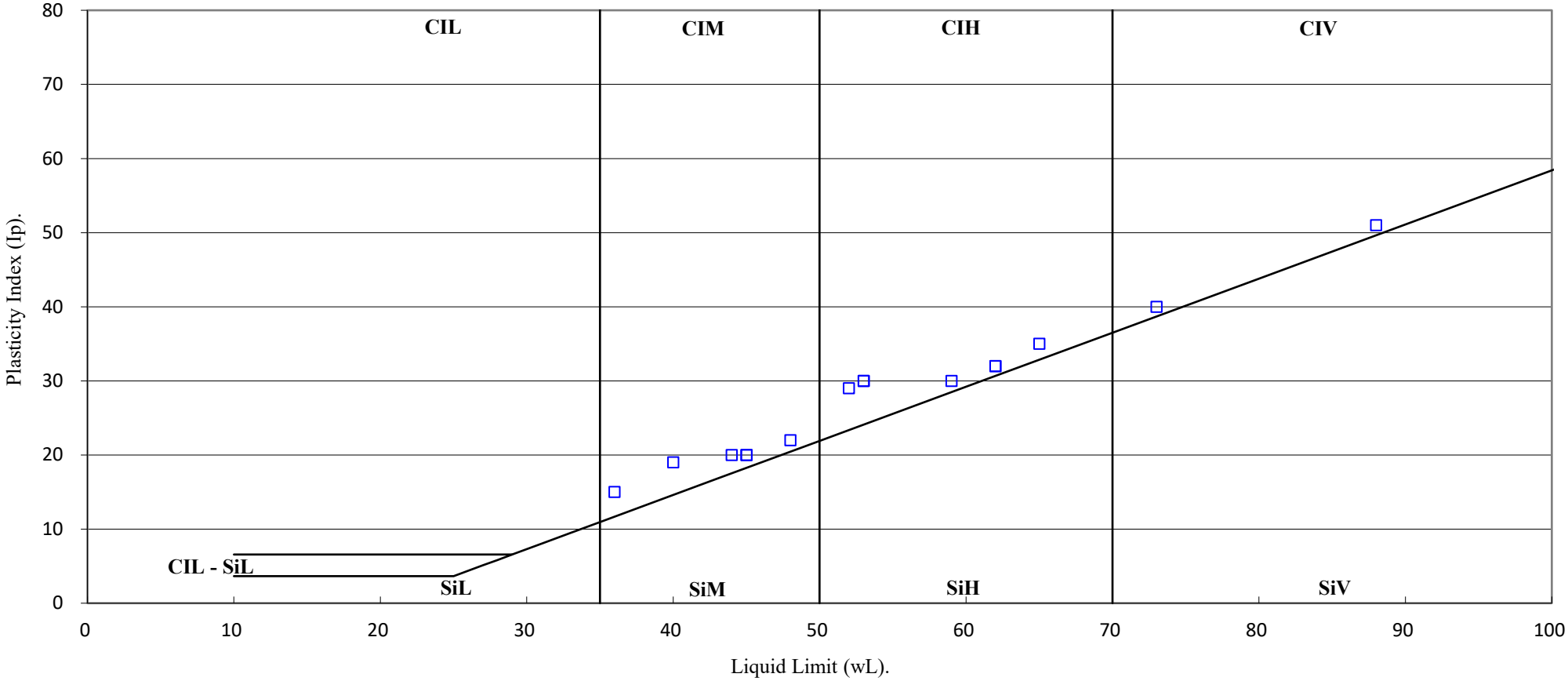
PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract No:
PSL26/6320
Client Ref:
26-405

PLASTICITY CHART

BS EN ISO 14688-2:2017 Clause 4.4



UKAS TESTING 4043 / PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY	**Mapplewell 2, Barnsley**	**Contract No:**
		PSL26/6320
		Client Ref:
		26-405

LABORATORY REPORT

Contract Number: PSL26/6661

Report Date:	27 August 2026
Client's Reference:	26-405
Client Name:	ARC Environmental Solum House Unit 1 Elliott Court St Johns Road, Meadowfield Durham DH7 8PN
For the attention of:	**Kris Cowie**
Contract Title:	Mapplewell 2, Barnsley
Date Received:	12/8/2026
Date Commenced:	12/8/2026
Date Completed:	27/8/2026
Notes:	**Opinions and Interpretations are outside the UKAS Accreditation**

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. 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 other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins (Managing Director)	R Berriman (Associate Director)	S Royle (Laboratory Manager)
L Knight (Assistant Laboratory Manager)	S Eyre (Senior Technical Coordinator)	T Watkins (Senior Technician)

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awatkins@prosoils.co.uk

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
TP01			0.90		Brown slightly sandy slightly gravelly CLAY.
TP02			1.20		Brown slightly sandy CLAY.
TP03			1.50		Brown slightly sandy CLAY.
TP04			1.00		Brown slightly sandy slightly gravelly CLAY.
TP05			1.40		Brown slightly sandy slightly gravelly CLAY.
TP06			1.20		Brown slightly sandy slightly gravelly CLAY.
TP08			1.00		Brown slightly sandy CLAY.
TP09			1.20		Brown slightly sandy slightly gravelly CLAY.
TP11			1.00		Brown slightly sandy CLAY.
TP12			1.50		Brown slightly sandy CLAY.
TP02			1.90		Brown slightly sandy CLAY.
TP07			1.30		Brown slightly sandy CLAY.
TP10			0.60		Brown slightly sandy CLAY.
TP12			2.50		Brown slightly sandy slightly gravelly CLAY.
TP01			2.50		Brown MUDSTONE.
TP07			1.20		Brown sandy gravelly CLAY.
TP12			3.00		Brown sandy gravelly CLAY.

SUMMARY OF SOIL CLASSIFICATION TESTS

BS 1377 - Part 2 : 2022 in accordance with BS EN ISO 17892 (as below)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Water Content %	Linear Shrinkage	Particle Density Mg/m^3	Liquid Limit %	Plastic Limit %	Plasticity Index %	Passing 0.425mm %	Remarks
TP01			0.90		18.0			59	28	31	90	High Plasticity CIH
TP02			1.20		14.2			42	20	22	100	Medium Plasticity CIM
TP03			1.50		16.4			43	20	23	100	Medium Plasticity CIM
TP04			1.00		12.2			58	28	30	91	High Plasticity CIH
TP05			1.40		24.1			75	30	45	90	Very High Plasticity CIV
TP06			1.20		16.2			46	22	24	91	Medium Plasticity CIM
TP08			1.00		20.0			68	29	39	100	High Plasticity CIH
TP09			1.20		15.2			49	23	26	92	Medium Plasticity CIM
TP11			1.00		13.5			49	23	26	100	Medium Plasticity CIM
TP12			1.50		22.1			55	24	31	100	High Plasticity CIH
TP02			1.90		13.7			49	23	26	100	Medium Plasticity CIM
TP07			1.30		12.5			43	21	22	100	Medium Plasticity CIM
TP10			0.60		16.5			40	20	20	100	Medium Plasticity CIM
TP12			2.50		14.5			41	20	21	80	Medium Plasticity CIM

Water Content - BS 1377 - Part 2 : 2022 : Clause 4 in accordance with BS EN ISO 17892 - 1 : 2014 + A1 : 2022
Linear Shrinkage - BS 1377 - Part 2 : 2022 : Clause 7
Particle Density (Gas Jar method) - BS 1377 - Part 2 : 2022 : Clause 9
Liquid, Plastic Limit & Plasticity Index - BS 1377 - Part 2 : 2022 : Clause 5 & 6 in accordance with BS EN ISO 17892 - 12 : 2018 + A2 : 2022

SYMBOLS : NP = Non Plastic

UKAS TESTING 4043

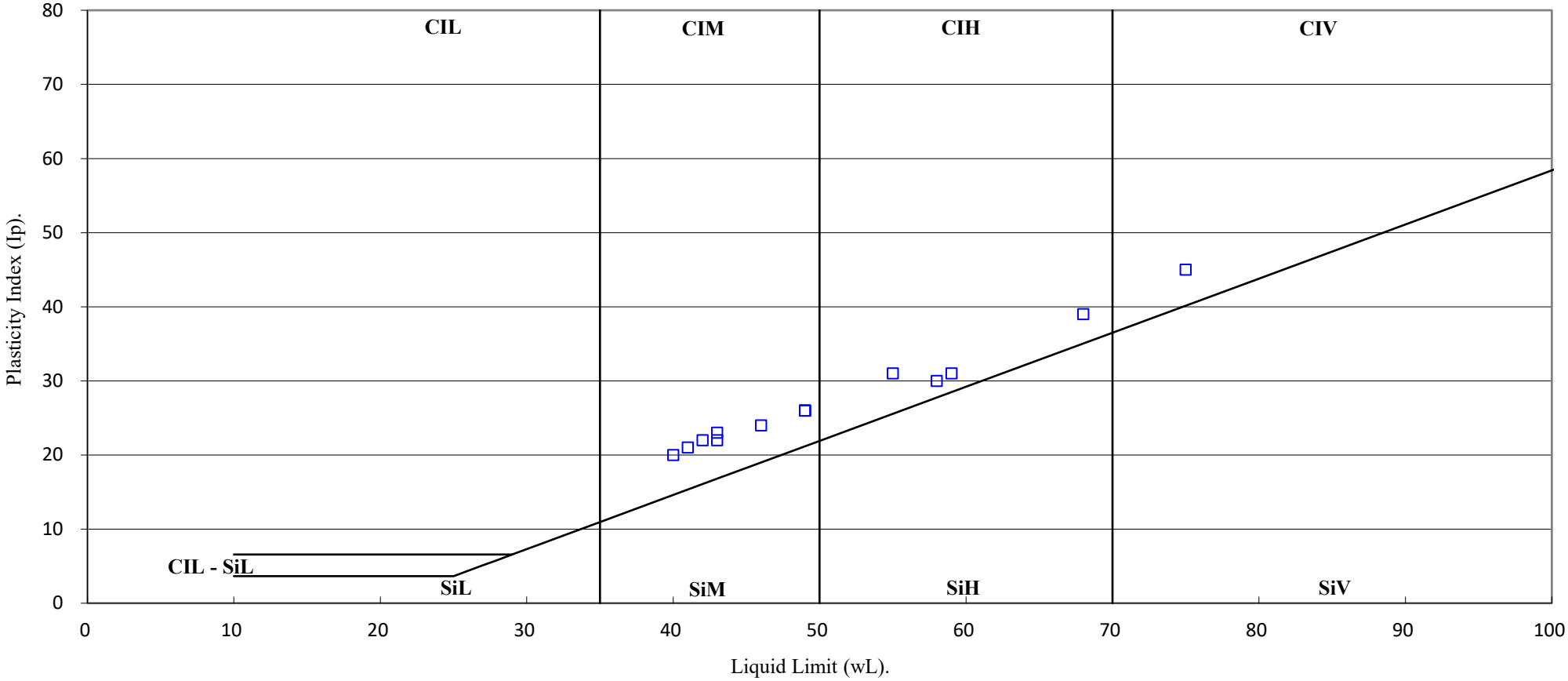
PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract No:
PSL26/6661
Client Ref:
26-405

PLASTICITY CHART

BS EN ISO 14688-2:2017 Clause 4.4



UKAS TESTING 4043 / PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY	**Mapplewell 2, Barnsley**	**Contract No:** PSL26/6661 **Client Ref:** 26-405

SUMMARY OF LABORATORY HAND VANES

(Inhouse Method using the principles of BS1377 - PART 9 : Clause 4.4 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Water Content %	Peak Shear Strength kPa	Residual Shear Strength kPa	Remarks
TP01			2.50		14.8	>150		Natural
TP01			2.50		16.5	>150		+2%
TP01			2.50		18.2	148		+4%
TP01			2.50		20.4	105		+6%
TP01			2.50		22.6	68		+8%
TP07			1.20		8.6	>150		-3%
TP07			1.20		11.4	147		Natural
TP07			1.20		14.7	100		+3%
TP07			1.20		17.5	63		+6%
TP07			1.20		20.3	38		+9%
TP12			3.00		7.4	>150		-3%
TP12			3.00		10.6	142		Natural
TP12			3.00		13.5	90		+3%
TP12			3.00		16.2	54		+6%
TP12			3.00		19.0	25		+9%

* This test is out of our UKAS scope

PROFESSIONAL SOILS LABORATORY
A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract No:
PSL26/6661
Client Ref:
26-405

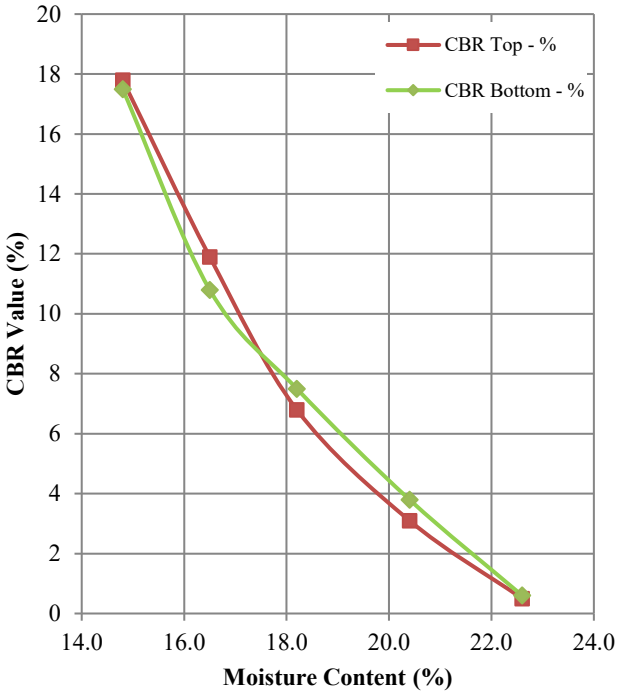
DRY DENSITY/WATER CONTENT RELATIONSHIP

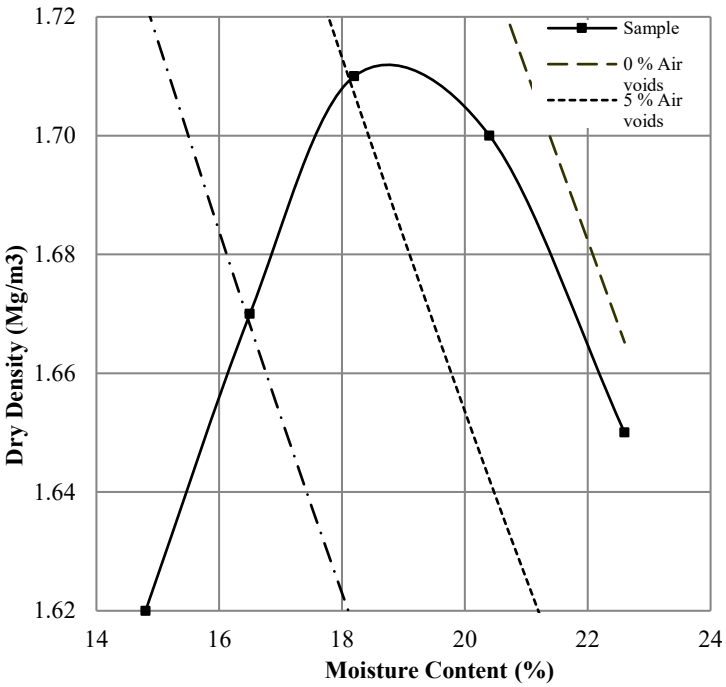
BS 1377 - Part 2 : Clause 11 : 2022

Hole Number: TP01 **Top Depth (m) :** 2.50

Sample Number: **Base Depth (m) :**

Sample Type:





Initial Water Content:		14.8	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m3):	2.67	Assumed	Material Retained on 37.5 mm Test Sieve (%):		0
Maximum Dry Density (Mg/m3):		1.71	Material Retained on 20.0 mm Test Sieve (%):		0
Optimum Water Content (%):		18	Grading Zone:		1
Remarks See summary of soil descriptions					

CALIFORNIA BEARING RATIO (CBR) AT EACH COMPACTION POINT

BS 1377 - Part 2 : Clause 15 : 2022

Water Content (%)	Dry Density (Mg/m3)	CBR Value %		Surcharge (kg)	Soaking Time (hr)	Swelling (mm)
		Sample Top	Sample Bottom			
14.8	1.62	17.8	17.5	4	n/a	n/a
16.5	1.67	11.9	10.8	4	n/a	n/a
18.2	1.71	6.8	7.5	4	n/a	n/a
20.4	1.70	3.1	3.8	4	n/a	n/a
22.6	1.65	0.5	0.6	4	n/a	n/a

UKAS TESTING 4043

PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract
PSL26/6661
Client Ref
26-405

MCV/WATER CONTENT RELATION OF SOIL

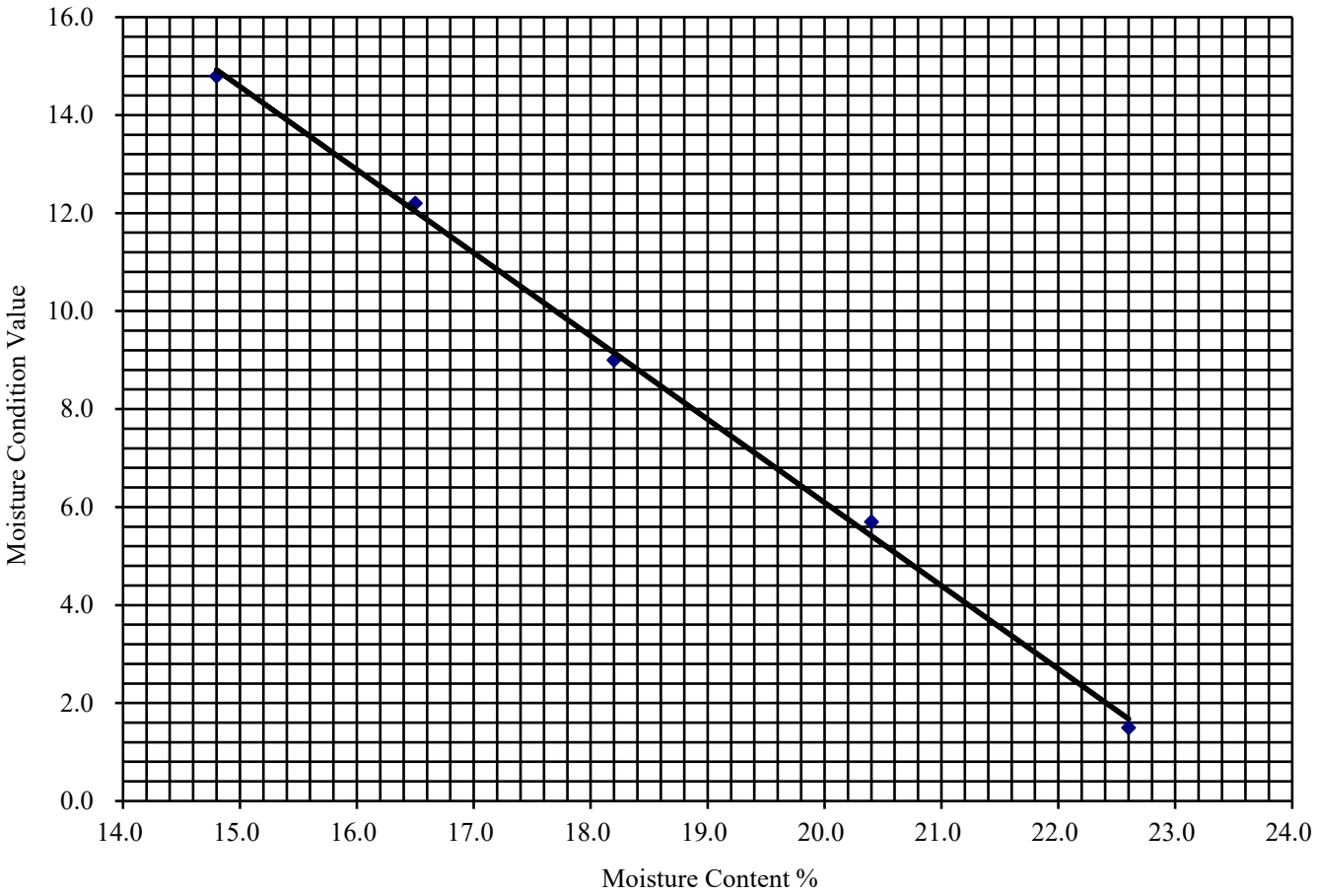
BS1377 - Part 2 : 2022 Clause 13.5

Hole Number: TP01 **Top Depth (m):** 2.50

Sample Number: **Base Depth (m):**

Sample Type:

Initial Water Content (%):	14.8
Single/Separate Samples Tested	Separate
Material Retained on the 20mm BS Test Sieve (%):	0



Test Results.

Test Number	1	2	3	4	5
Water Content (%)	14.8	16.5	18.2	20.4	22.6
MCV	14.8	12.2	9.0	5.7	1.5

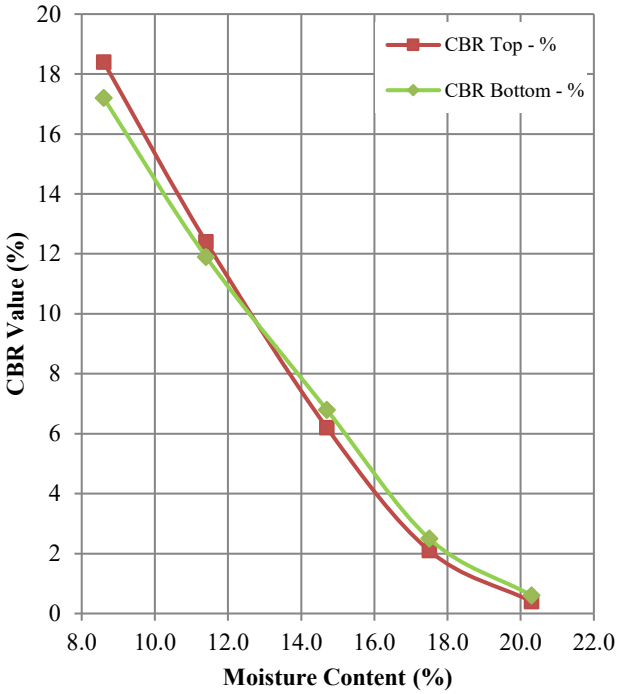
DRY DENSITY/WATER CONTENT RELATIONSHIP

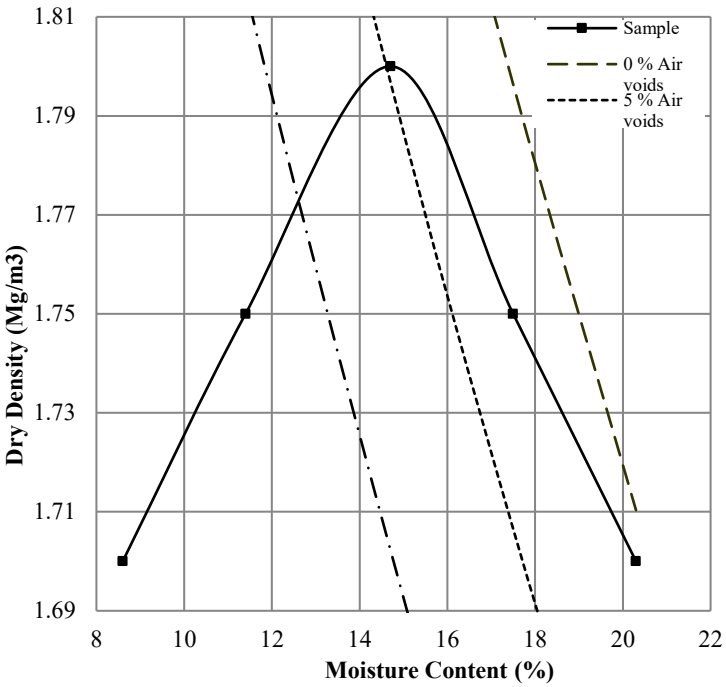
BS 1377 - Part 2 : Clause 11 : 2022

Hole Number: TP07 **Top Depth (m) :** 1.20

Sample Number: **Base Depth (m) :**

Sample Type:





Initial Water Content:		11.4	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m3):	2.62	Assumed	Material Retained on 37.5 mm Test Sieve (%):		0
Maximum Dry Density (Mg/m3):		1.80	Material Retained on 20.0 mm Test Sieve (%):		0
Optimum Water Content (%):		15	Grading Zone:		1
Remarks See summary of soil descriptions					

CALIFORNIA BEARING RATIO (CBR) AT EACH COMPACTION POINT

BS 1377 - Part 2 : Clause 15 : 2022

Water Content (%)	Dry Density (Mg/m3)	CBR Value %		Surcharge (kg)	Soaking Time (hr)	Swelling (mm)
		Sample Top	Sample Bottom			
8.6	1.70	18.4	17.2	4	n/a	n/a
11.4	1.75	12.4	11.9	4	n/a	n/a
14.7	1.80	6.2	6.8	4	n/a	n/a
17.5	1.75	2.1	2.5	4	n/a	n/a
20.3	1.70	0.4	0.6	4	n/a	n/a

UKAS TESTING 4043

PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract
PSL26/6661
Client Ref
26-405

MCV/WATER CONTENT RELATION OF SOIL

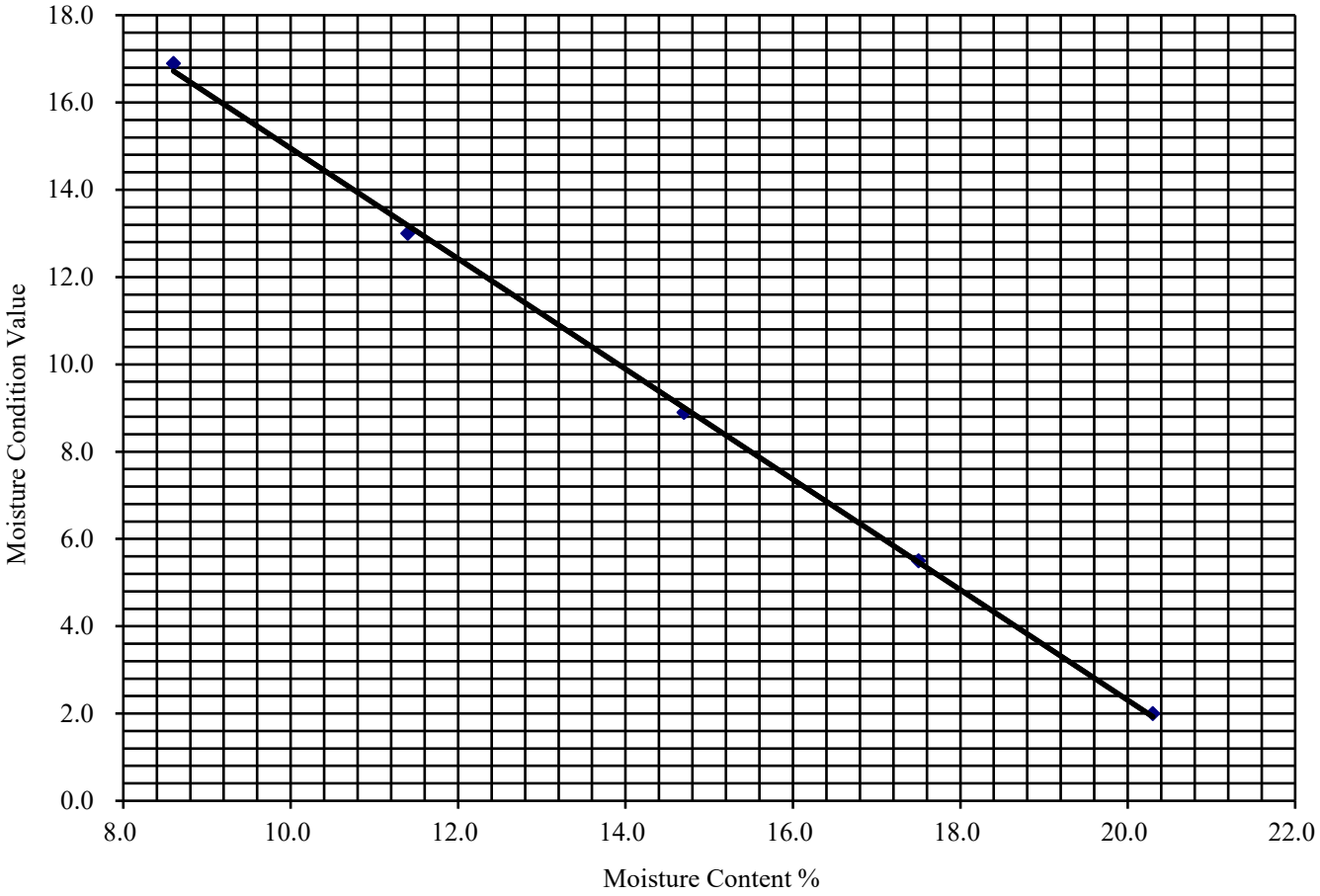
BS1377 - Part 2 : 2022 Clause 13.5

Hole Number: TP07 **Top Depth (m):** 1.20

Sample Number: **Base Depth (m):**

Sample Type:

Initial Water Content (%):	11.4
Single/Separate Samples Tested	Separate
Material Retained on the 20mm BS Test Sieve (%):	0



Test Results.

Test Number	1	2	3	4	5
Water Content (%)	8.6	11.4	14.7	17.5	20.3
MCV	16.9	13.0	8.9	5.5	2.0

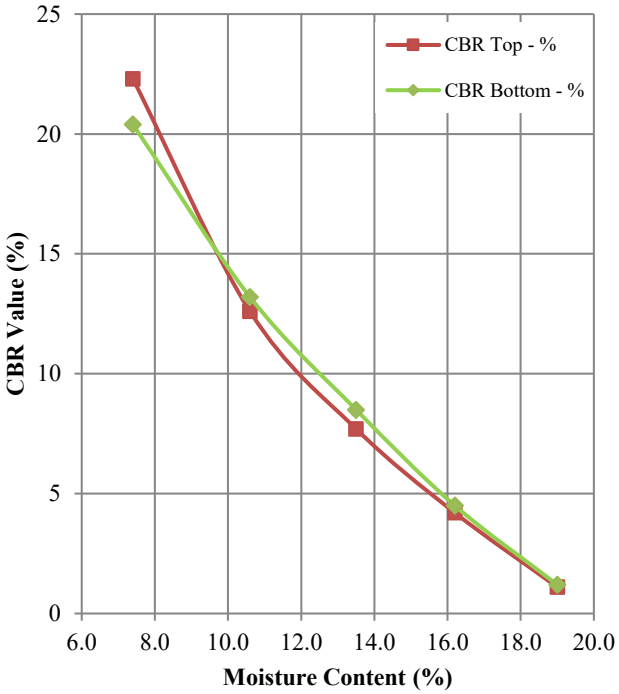
DRY DENSITY/WATER CONTENT RELATIONSHIP

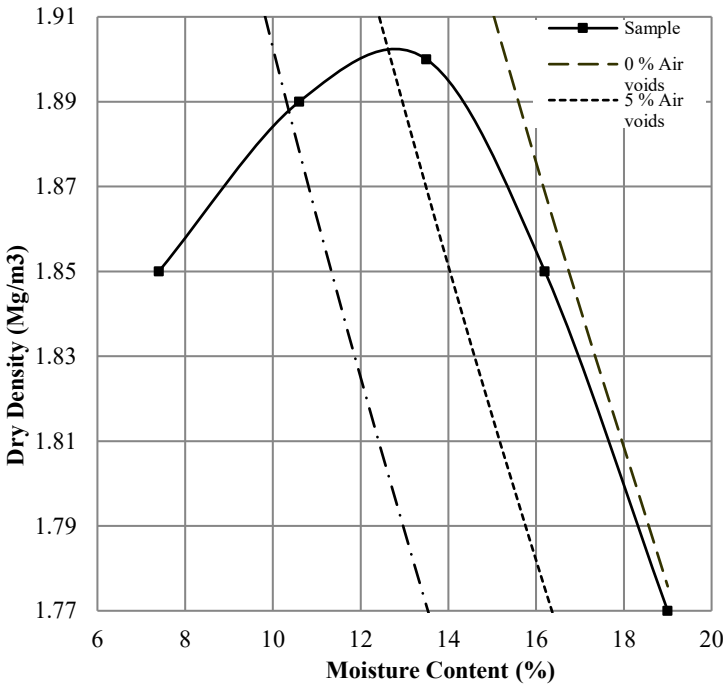
Non compliance with BS 1377 - Part 2 : Clause 11 : 2022

Hole Number: TP12 **Top Depth (m) :** 3.00

Sample Number: **Base Depth (m) :**

Sample Type:





Initial Water Content:		10.2	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m3):	2.68	Assumed	Material Retained on 37.5 mm Test Sieve (%):		19
Maximum Dry Density (Mg/m3):		1.90	Material Retained on 20.0 mm Test Sieve (%):		25
Optimum Water Content (%):		14	Grading Zone:		X
Remarks See summary of soil descriptions					

CALIFORNIA BEARING RATIO (CBR) AT EACH COMPACTION POINT

Non compliance with BS 1377 - Part 2 : Clause 15 : 2022

Water Content (%)	Dry Density (Mg/m3)	CBR Value %		Surcharge (kg)	Soaking Time (hr)	Swelling (mm)
		Sample Top	Sample Bottom			
7.4	1.85	22.3	20.4	4	n/a	n/a
10.6	1.89	12.6	13.2	4	n/a	n/a
13.5	1.90	7.7	8.5	4	n/a	n/a
16.2	1.85	4.2	4.5	4	n/a	n/a
19.0	1.77	1.1	1.2	4	n/a	n/a

MCV/WATER CONTENT RELATION OF SOIL

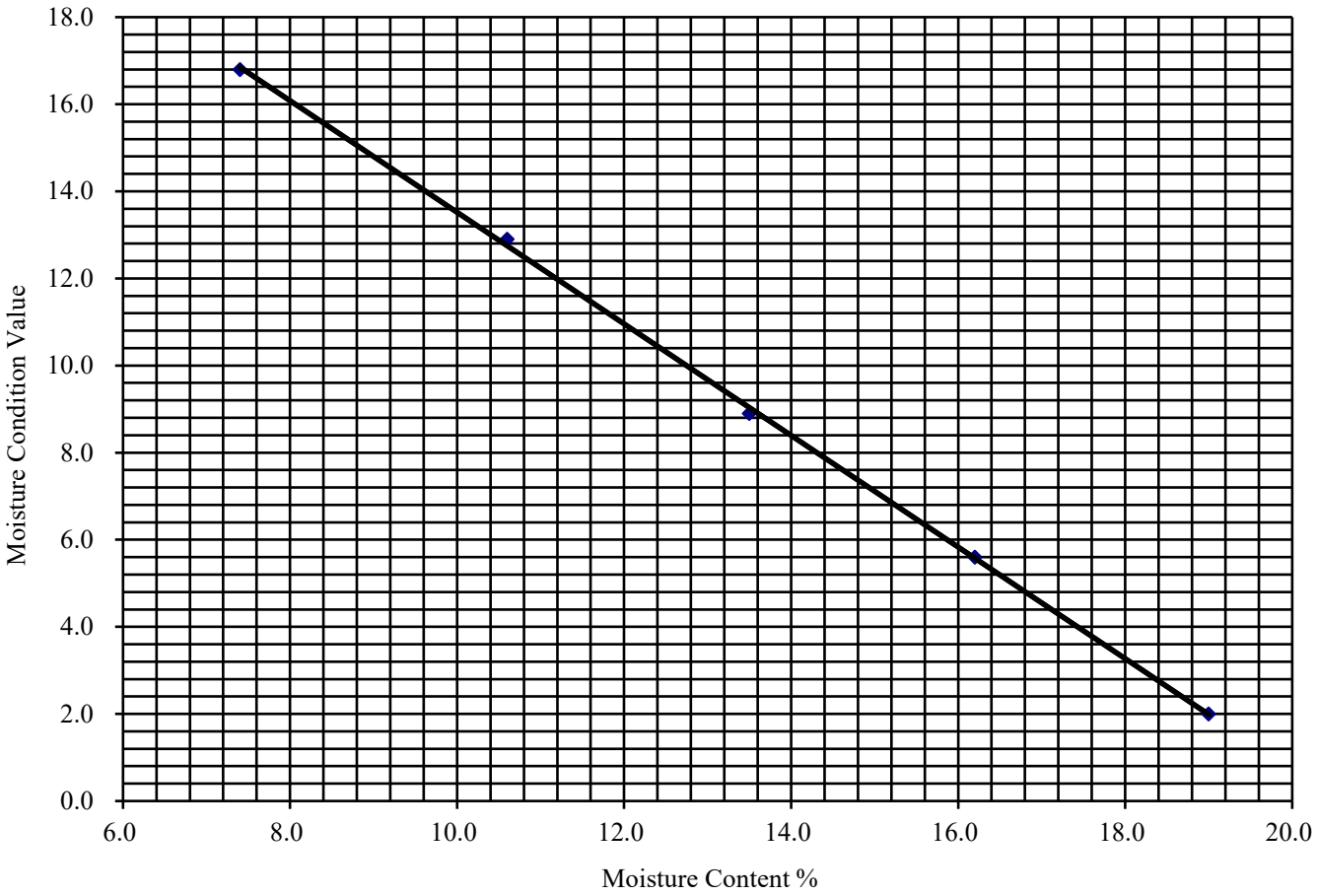
BS1377 - Part 2 : 2022 Clause 13.5

Hole Number: TP12 **Top Depth (m):** 3.00

Sample Number: **Base Depth (m):**

Sample Type:

Initial Water Content (%):	10.6
Single/Separate Samples Tested	Separate
Material Retained on the 20mm BS Test Sieve (%):	44



Test Results.

Test Number	1	2	3	4	5
Water Content (%)	7.4	10.6	13.5	16.2	19.0
MCV	16.8	12.9	8.9	5.6	2.0

LABORATORY REPORT

Contract Number: PSL26/6662

Report Date:	09 September 2026
Client's Reference:	26-405
Client Name:	ARC Environmental Solum House Unit 1 Elliott Court St Johns Road, Meadowfield Durham DH7 8PN
For the attention of:	**Kris Cowie**
Contract Title:	Mapplewell 2, Barnsley
Date Received:	12/08/2026
Date Commenced:	12/08/2026
Date Completed:	09/09/2026
Notes:	**Opinions and Interpretations are outside the UKAS Accreditation**

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. 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 other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins (Managing Director)	R Berriman (Associate Director)	S Royle (Laboratory Manager)
L Knight (Assistant Laboratory Manager)	S Eyre (Senior Technician)	D Nicholson (Senior Technician)

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Doncaster,
DN4 0AR
Tel: 01302 768098
Email: rberriman@prosoils.co.uk
awatkins@prosoils.co.uk

SUMMARY OF POINT LOAD TEST RESULTS

ISRM Suggested Methods : 2007

Borehole Number	Depth (m)	Sample Ref	Test Type	Orientation	Dimensions (mm)		Area	D_e^2	D_e	Failure Load (P)		I_s	Corr Fac	I_{s50}	Failure Type	Remarks
				Par / Perp	W	D	(mm2)		(mm)	(Mpa)	(kN)	(MPa)	F	(MPa)		
RBH01	2.30	-	A	Perp	101	55	5555	7072.85	84.10	-	7.10	0.97	1.264	1.22	Valid	
RBH01	3.00	-	A	Perp	101	49	4949	6301.26	79.38	-	3.22	0.49	1.231	0.61	Valid	
RBH01	3.80	-	A	Perp	101	48	4848	6172.67	78.57	-	4.56	0.71	1.226	0.87	Valid	
RBH01	4.10	-	A	Perp	101	43	4343	5529.68	74.36	-	1.04	0.18	1.196	0.22	Valid	
RBH01	4.80	-	A	Perp	101	56	5656	7201.44	84.86	-	3.78	0.51	1.269	0.64	Valid	
RBH01	5.40	-	A	Perp	101	48	4848	6172.67	78.57	-	3.71	0.58	1.226	0.71	Valid	
RBH01	6.90	-	A	Perp	101	55	5555	7072.85	84.10	-	5.85	0.80	1.264	1.01	Valid	

Note All testing carried out on samples at as received water content

Par = parallel, Perp = perpendicular, U = Random

A = Axial, D = Diametral, I = Irregular

UKAS TESTING 4043

PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY

Mapplewell 2, Barnsley

Contract No:

PSL26/6662

Client Ref:

26-405

APPENDIX V

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:

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

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

HLZKQ-WK459-1JS6X

Report is invalid if pages are removed.

Job name

26-405

Description/Comments

Project

26-405

Site

Maplewell 2, Barnsley

Classified by

Name:
Sai Turlapati
Date:
19 Aug 2026 09:32 GMT
Telephone:

Company:
Arc Environmental Ltd
Solum House, Unit 1
Elliott Court, St. Johns Road
Meadowfield
DH7 8PN

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: CERTIFIED

Course	Date
Hazardous Waste Classification	03 Apr 2025

Next 3 year Refresher due by Apr 2028

Purpose of classification

2 - Material Characterisation

Address of the waste

Land Adjacent to Wakefield Road Mapplewell Road, Barnsley **Post Code** S75 6DJ

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Construction Waste.

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

Excavation of made ground / topsoil materials.

Description of the waste

Dark brown slightly clayey gravelly sandy soil with much glass and fragments of brick, coarse sandy fine to coarse angular to sub-angular burnt shale fragments, dark brown sandy gravel with whole brick and sandstone cobbles, dark grey and black sandy clay with fragments of brick along with multi coloured landfill waste.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP01--0.15-04/08/2026--124339		Non Hazardous		3
2	TP04--0.10-04/08/2026--124340		Non Hazardous		6
3	TP05--0.10-04/08/2026--124341		Non Hazardous		9
4	TP06--0.40-04/08/2026--124342		Non Hazardous		12
5	TP07--0.35-04/08/2026--124343		Non Hazardous		15
6	TP08--0.30-04/08/2026--124344		Non Hazardous		18
7	TP10--0.25-04/08/2026--124345		Non Hazardous		21
8	TP12--0.35-04/08/2026--124346		Non Hazardous		24
9	TP13--1.50-04/08/2026--124347		Non Hazardous		27
10	TP14--0.50-04/08/2026--124348		Hazardous	HP 14	30

Related documents

#	Name	Description
1	HWOL_26-09620-20260818.HWOL	Chemtech Environmental .hwol file used to populate the Job
2	Example worst case waste stream template: 17 05 04 or 17 05 03 *	waste stream template used to create this Job

Report

Created by: Sai Turlapati

Created date: 19 Aug 2026 09:32 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	33
Appendix B: Rationale for selection of metal species	34
Appendix C: Version	35

Classification of sample: TP01--0.15-04/08/2026--124339

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

Sample details

Sample name:
TP01--0.15-04/08/2026--124339
Moisture content:
11.2%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 11.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				8.9 mg/kg	1.895	14.973 mg/kg	0.0015 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<**LOD**
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		18.2 mg/kg	1.462	23.621 mg/kg	0.00236 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<**LOD**
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		22.6 mg/kg	3.929	78.851 mg/kg	0.00789 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	49.7 mg/kg	1.56	68.84 mg/kg	0.00441 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9 mg/kg	1.353	1.082 mg/kg	0.000108 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		12.8 mg/kg	5.358	60.905 mg/kg	0.00609 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		102 mg/kg	1.245	112.741 mg/kg	0.0113 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		25 mg/kg		22.2 mg/kg	0.00222 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0017 mg/kg	0.000000178 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8	pH		8	pH	8pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.044	mg/kg		0.0391	mg/kg	0.00000391 %	✓	
22		acenaphthylene		205-917-1	208-96-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
23		acenaphthene		201-469-6	83-32-9		0.014	mg/kg		0.0124	mg/kg	0.00000124 %	✓	
24		fluorene		201-695-5	86-73-7		0.019	mg/kg		0.0169	mg/kg	0.00000169 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.184	mg/kg		0.163	mg/kg	0.0000163 %	✓	
26		anthracene		204-371-1	120-12-7		0.046	mg/kg		0.0408	mg/kg	0.00000408 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.304	mg/kg		0.27	mg/kg	0.000027 %	✓	
28		pyrene		204-927-3	129-00-0		0.264	mg/kg		0.234	mg/kg	0.0000234 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.153	mg/kg		0.136	mg/kg	0.0000136 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.133	mg/kg	0.0000133 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.213	mg/kg		0.189	mg/kg	0.0000189 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.066	mg/kg		0.0586	mg/kg	0.00000586 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.141	mg/kg		0.125	mg/kg	0.0000125 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.105	mg/kg		0.0932	mg/kg	0.00000932 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.096	mg/kg		0.0852	mg/kg	0.00000852 %	✓	
											Total:	0.036 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.78e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00222%)

Classification of sample: TP04--0.10-04/08/2026--124340

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

Sample details

Sample name:
TP04--0.10-04/08/2026--124340
Moisture content:
8.7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				7.8 mg/kg	1.895	13.492 mg/kg	0.00135 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20.4 mg/kg	1.462	27.222 mg/kg	0.00272 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		14.6 mg/kg	3.929	52.373 mg/kg	0.00524 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38.9 mg/kg	1.56	55.398 mg/kg	0.00355 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7 mg/kg	1.353	0.865 mg/kg	0.0000865 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		13 mg/kg	5.358	63.598 mg/kg	0.00636 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		74.4 mg/kg	1.245	84.55 mg/kg	0.00845 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		42.3 mg/kg		38.62 mg/kg	0.00386 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.003 mg/kg		0.0027 mg/kg	0.000000274 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				5.7	pH		5.7	pH	5.7 pH		
				PH									
21		naphthalene				0.034	mg/kg		0.031	mg/kg	0.0000031 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.134	mg/kg		0.122	mg/kg	0.0000122 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.031	mg/kg		0.0283	mg/kg	0.00000283 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.245	mg/kg		0.224	mg/kg	0.0000224 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.216	mg/kg		0.197	mg/kg	0.0000197 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.126	mg/kg		0.115	mg/kg	0.0000115 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.121	mg/kg		0.11	mg/kg	0.000011 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.174	mg/kg		0.159	mg/kg	0.0000159 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.057	mg/kg		0.052	mg/kg	0.0000052 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.112	mg/kg		0.102	mg/kg	0.0000102 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.092	mg/kg		0.084	mg/kg	0.0000084 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.082	mg/kg		0.0749	mg/kg	0.00000749 %	✓	
			205-883-8	191-24-2									
										Total:	0.0318 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 2.74e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00386%)

Classification of sample: TP05--0.10-04/08/2026--124341

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

Sample details

Sample name:
TP05--0.10-04/08/2026--124341
Moisture content:
7.7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				14.6 mg/kg	1.895	25.53 mg/kg	0.00255 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		1.4 mg/kg	1.855	2.396 mg/kg	0.00024 %	✓	
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		23.1 mg/kg	1.462	31.162 mg/kg	0.00312 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		9.8 mg/kg	3.929	35.54 mg/kg	0.00355 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	40 mg/kg	1.56	57.588 mg/kg	0.00369 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		15.9 mg/kg	5.358	78.637 mg/kg	0.00786 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		78.8 mg/kg	1.245	90.531 mg/kg	0.00905 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		64.8 mg/kg		59.81 mg/kg	0.00598 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0018 mg/kg	0.000000185 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				5.6	pH		5.6	pH	5.6 pH		
				PH									
21		naphthalene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.042	mg/kg		0.0388	mg/kg	0.00000388 %	✓	
			201-581-5	85-01-8									
26		anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.067	mg/kg		0.0618	mg/kg	0.00000618 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.054	mg/kg		0.0498	mg/kg	0.00000498 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.039	mg/kg		0.036	mg/kg	0.0000036 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.033	mg/kg		0.0305	mg/kg	0.00000305 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-883-8	191-24-2									
										Total:	0.0361 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.85e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00598%)

Classification of sample: TP06--0.40-04/08/2026--124342

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

Sample details

Sample name:
TP06--0.40-04/08/2026--124342
Moisture content:
10.3%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 10.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				8.2 mg/kg	1.895	13.935 mg/kg	0.00139 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		18.6 mg/kg	1.462	24.385 mg/kg	0.00244 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		12.8 mg/kg	3.929	45.112 mg/kg	0.00451 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33.7 mg/kg	1.56	47.151 mg/kg	0.00302 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.971 mg/kg	0.0000971 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		12.5 mg/kg	5.358	60.08 mg/kg	0.00601 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		62.3 mg/kg	1.245	69.558 mg/kg	0.00696 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		103 mg/kg		92.391 mg/kg	0.00924 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0017 mg/kg	0.000000179 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				6.2	pH		6.2	pH	6.2 pH		
				PH									
21		naphthalene				0.042	mg/kg		0.0377	mg/kg	0.00000377 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				0.015	mg/kg		0.0135	mg/kg	0.00000135 %	✓	
			201-695-5	86-73-7									
25		phenanthrene				0.192	mg/kg		0.172	mg/kg	0.0000172 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.048	mg/kg		0.0431	mg/kg	0.00000431 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.427	mg/kg		0.383	mg/kg	0.0000383 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.373	mg/kg		0.335	mg/kg	0.0000335 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.223	mg/kg		0.2	mg/kg	0.00002 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.213	mg/kg		0.191	mg/kg	0.0000191 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.322	mg/kg		0.289	mg/kg	0.0000289 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.13	mg/kg		0.117	mg/kg	0.0000117 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.213	mg/kg		0.191	mg/kg	0.0000191 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.199	mg/kg		0.179	mg/kg	0.0000179 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.162	mg/kg		0.145	mg/kg	0.0000145 %	✓	
			205-883-8	191-24-2									
										Total:	0.0339 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.79e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00924%)

Classification of sample: TP07--0.35-04/08/2026--124343

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

Sample details

Sample name:
TP07--0.35-04/08/2026--124343
Moisture content:
12.5%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				5.1 mg/kg	1.895	8.454 mg/kg	0.000845 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<**LOD**
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		25.3 mg/kg	1.462	32.355 mg/kg	0.00324 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<**LOD**
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		20.9 mg/kg	3.929	71.853 mg/kg	0.00719 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17.8 mg/kg	1.56	24.294 mg/kg	0.00156 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.6 mg/kg	1.353	0.711 mg/kg	0.0000711 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		30.4 mg/kg	5.358	142.531 mg/kg	0.0143 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		67.8 mg/kg	1.245	73.843 mg/kg	0.00738 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		35 mg/kg		30.625 mg/kg	0.00306 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0017 mg/kg	0.000000175 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		5.8	pH		5.8	pH	5.8 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
											Total:	0.0376 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.75e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00306%)

Classification of sample: TP08--0.30-04/08/2026--124344

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

Sample details

Sample name:
TP08--0.30-04/08/2026--124344
Moisture content:
10.8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 10.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				9.1 mg/kg	1.895	15.378 mg/kg	0.00154 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<**LOD**
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		21.4 mg/kg	1.462	27.899 mg/kg	0.00279 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<**LOD**
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		14.9 mg/kg	3.929	52.22 mg/kg	0.00522 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36.5 mg/kg	1.56	50.784 mg/kg	0.00326 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9 mg/kg	1.353	1.087 mg/kg	0.000109 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		16.2 mg/kg	5.358	77.43 mg/kg	0.00774 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		71.9 mg/kg	1.245	79.829 mg/kg	0.00798 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		30.6 mg/kg		27.295 mg/kg	0.00273 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				6.7	pH		6.7	pH	6.7 pH		
				PH									
21		naphthalene				0.038	mg/kg		0.0339	mg/kg	0.00000339 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.159	mg/kg		0.142	mg/kg	0.0000142 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.032	mg/kg		0.0285	mg/kg	0.00000285 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.279	mg/kg		0.249	mg/kg	0.0000249 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.242	mg/kg		0.216	mg/kg	0.0000216 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.141	mg/kg		0.126	mg/kg	0.0000126 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.123	mg/kg		0.11	mg/kg	0.000011 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.187	mg/kg		0.167	mg/kg	0.0000167 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.056	mg/kg		0.05	mg/kg	0.000005 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.123	mg/kg		0.11	mg/kg	0.000011 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.093	mg/kg		0.083	mg/kg	0.0000083 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.084	mg/kg		0.0749	mg/kg	0.00000749 %	✓	
			205-883-8	191-24-2									
										Total:	0.0315 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00273%)

Classification of sample: TP10--0.25-04/08/2026--124345

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

Sample details

Sample name:
TP10--0.25-04/08/2026--124345
Moisture content:
6.9%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 6.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				5.3 mg/kg	1.895	9.348 mg/kg	0.000935 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<**LOD**
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		17.7 mg/kg	1.462	24.085 mg/kg	0.00241 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<**LOD**
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		14.2 mg/kg	3.929	51.943 mg/kg	0.00519 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20.9 mg/kg	1.56	30.351 mg/kg	0.00195 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9 mg/kg	1.353	1.134 mg/kg	0.000113 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		20 mg/kg	5.358	99.772 mg/kg	0.00998 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		53 mg/kg	1.245	61.418 mg/kg	0.00614 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		338 mg/kg		314.678 mg/kg	0.0315 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0018 mg/kg	0.000000186 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.2	pH		8.2	pH	8.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.054	mg/kg		0.0503	mg/kg	0.00000503 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.129	mg/kg		0.12	mg/kg	0.000012 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.056	mg/kg		0.0521	mg/kg	0.00000521 %	✓	
24		fluorene		201-695-5	86-73-7		0.054	mg/kg		0.0503	mg/kg	0.00000503 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.639	mg/kg		0.595	mg/kg	0.0000595 %	✓	
26		anthracene		204-371-1	120-12-7		0.368	mg/kg		0.343	mg/kg	0.0000343 %	✓	
27		fluoranthene		205-912-4	206-44-0		7.03	mg/kg		6.545	mg/kg	0.000654 %	✓	
28		pyrene		204-927-3	129-00-0		7.74	mg/kg		7.206	mg/kg	0.000721 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		5.33	mg/kg		4.962	mg/kg	0.000496 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		5.75	mg/kg		5.353	mg/kg	0.000535 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		9.64	mg/kg		8.975	mg/kg	0.000897 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		4.04	mg/kg		3.761	mg/kg	0.000376 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		8	mg/kg		7.448	mg/kg	0.000745 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		6.88	mg/kg		6.405	mg/kg	0.000641 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		1.23	mg/kg		1.145	mg/kg	0.000115 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		5.67	mg/kg		5.279	mg/kg	0.000528 %	✓	
											Total:	0.064 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.86e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0315%)

Classification of sample: TP12--0.35-04/08/2026--124346

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

Sample details

Sample name:
TP12--0.35-04/08/2026--124346
Moisture content:
14.5%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				6.8 mg/kg	1.895	11.015 mg/kg	0.0011 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		18.7 mg/kg	1.462	23.368 mg/kg	0.00234 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		19.4 mg/kg	3.929	65.171 mg/kg	0.00652 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	87.7 mg/kg	1.56	116.96 mg/kg	0.0075 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.157 mg/kg	0.000116 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		14.6 mg/kg	5.358	66.888 mg/kg	0.00669 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		161 mg/kg	1.245	171.341 mg/kg	0.0171 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		154 mg/kg		131.67 mg/kg	0.0132 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.002 mg/kg		0.0017 mg/kg	0.000000171 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				8.3	pH		8.3	pH	8.3 pH		
				PH									
21		naphthalene				0.093	mg/kg		0.0795	mg/kg	0.00000795 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.186	mg/kg		0.159	mg/kg	0.0000159 %	✓	
			205-917-1	208-96-8									
23		acenaphthene				0.088	mg/kg		0.0752	mg/kg	0.00000752 %	✓	
			201-469-6	83-32-9									
24		fluorene				0.142	mg/kg		0.121	mg/kg	0.0000121 %	✓	
			201-695-5	86-73-7									
25		phenanthrene				1.57	mg/kg		1.342	mg/kg	0.000134 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.417	mg/kg		0.357	mg/kg	0.0000357 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				3.94	mg/kg		3.369	mg/kg	0.000337 %	✓	
			205-912-4	206-44-0									
28		pyrene				4.08	mg/kg		3.488	mg/kg	0.000349 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				2.66	mg/kg		2.274	mg/kg	0.000227 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				2.16	mg/kg		1.847	mg/kg	0.000185 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				4.06	mg/kg		3.471	mg/kg	0.000347 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				1.67	mg/kg		1.428	mg/kg	0.000143 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				3.03	mg/kg		2.591	mg/kg	0.000259 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				2.73	mg/kg		2.334	mg/kg	0.000233 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.49	mg/kg		0.419	mg/kg	0.0000419 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				2.26	mg/kg		1.932	mg/kg	0.000193 %	✓	
			205-883-8	191-24-2									
										Total:	0.0571 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 1.71e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0132%)

Classification of sample: TP13--1.50-04/08/2026--124347

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

Sample details

Sample name:
TP13--1.50-04/08/2026--124347
Moisture content:
28.4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 28.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				6.6 mg/kg	1.895	8.953 mg/kg	0.000895 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		2.8 mg/kg	1.855	3.718 mg/kg	0.000372 %	✓	
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		23.9 mg/kg	1.462	25.011 mg/kg	0.0025 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		39.6 mg/kg	3.929	111.403 mg/kg	0.0111 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33.8 mg/kg	1.56	37.749 mg/kg	0.00242 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1 mg/kg	1.353	1.066 mg/kg	0.000107 %	✓	
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		37.1 mg/kg	5.358	142.336 mg/kg	0.0142 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		2050 mg/kg	1.245	1826.991 mg/kg	0.183 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		179 mg/kg		128.164 mg/kg	0.0128 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.003 mg/kg		0.0021 mg/kg	0.000000215 %	✓	
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				7.3	pH		7.3	pH	7.3 pH		
				PH									
21		naphthalene				1.25	mg/kg		0.895	mg/kg	0.0000895 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.09	mg/kg		0.0644	mg/kg	0.00000644 %	✓	
			201-581-5	85-01-8									
26		anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.078	mg/kg		0.0558	mg/kg	0.00000558 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.084	mg/kg		0.0601	mg/kg	0.00000601 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.043	mg/kg		0.0308	mg/kg	0.00000308 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.035	mg/kg		0.0251	mg/kg	0.00000251 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.024	mg/kg		0.0172	mg/kg	0.00000172 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-883-8	191-24-2									
										Total:	0.227 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane (conc.: 2.15e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0128%)

Classification of sample: TP14--0.50-04/08/2026--124348

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

Sample details

Sample name:
TP14--0.50-04/08/2026--124348
Moisture content:
<0.1%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment."

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

zinc oxide (compound conc.: 0.26%)

Determinands

Moisture content: <0.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				5.5 mg/kg	1.895	10.42 mg/kg	0.00104 %		
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		1.4 mg/kg	1.855	2.596 mg/kg	0.00026 %		
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		27.3 mg/kg	1.462	39.9 mg/kg	0.00399 %		
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		29 mg/kg	3.929	113.943 mg/kg	0.0114 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23.1 mg/kg	1.56	36.032 mg/kg	0.00231 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		32.1 mg/kg	5.358	172.002 mg/kg	0.0172 %		
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		2090 mg/kg	1.245	2601.452 mg/kg	0.26 %		
12	TPH (C6 to C40) petroleum group			TPH		341 mg/kg		341 mg/kg	0.0341 %		
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
20		pH			PH		7.7	pH		7.7	pH	7.7 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.114	mg/kg		0.114	mg/kg	0.0000114 %		
22		acenaphthylene		205-917-1	208-96-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<**LOD**
23		acenaphthene		201-469-6	83-32-9		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
24		fluorene		201-695-5	86-73-7		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
25		phenanthrene		201-581-5	85-01-8		0.057	mg/kg		0.057	mg/kg	0.0000057 %		
26		anthracene		204-371-1	120-12-7		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<**LOD**
27		fluoranthene		205-912-4	206-44-0		0.115	mg/kg		0.115	mg/kg	0.0000115 %		
28		pyrene		204-927-3	129-00-0		0.114	mg/kg		0.114	mg/kg	0.0000114 %		
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.058	mg/kg		0.058	mg/kg	0.0000058 %		
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.053	mg/kg		0.053	mg/kg	0.0000053 %		
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.083	mg/kg		0.083	mg/kg	0.0000083 %		
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<**LOD**
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.047	mg/kg		0.047	mg/kg	0.0000047 %		
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.044	mg/kg		0.044	mg/kg	0.0000044 %		
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<**LOD**
36		benzo[ghi]perylene		205-883-8	191-24-2		0.047	mg/kg		0.047	mg/kg	0.0000047 %		
											Total:	0.331 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-hazardous soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0341%)

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: not classified, information only
Data source: N/A
Data source date: 15 Jan 2020
Hazard Statements: None.

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

Description/Comments: Data from ECHACHEM; REACH submission: Not classified;
Sigma Aldrich SDS v6.7 dated 25/12/2025: Not classified
Data source: https://chem.echa.europa.eu/100.013.783/overview
https://www.sigmaaldrich.com/GB/en/sds/sigald/393703
Data source date: 12 May 2026
Hazard Statements: None.

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

Description/Comments: Unknown Oil
Hazard statements taken from WM3 version 1.1.NI and 1.2.GB 2021
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

confirm TPH has NOT arisen from diesel or petrol (CAS Number: TPH_CONFIRM)

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: None.

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments: IARC considers ethylbenzene Group 2B; Possibly carcinogenic to humans;
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2026 - Carc. 2; H351 hazard statement sourced from:: IARC Group 2B (77) 2000

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

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.7 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.380/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/416703
Data source date: 02 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 1; H330 , STOT SE 3; H335

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.8 dated 12/12/2025
Data source: https://chem.echa.europa.eu/100.001.336/industry/113817?searchText=83-32-9
https://www.sigmaaldrich.com/GB/en/sds/aldrich/215376
Data source date: 02 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.6 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.541/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/128333
Data source date: 02 Mar 2026
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 ECHACHEM; CLP submissions;
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.437/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48569
Data source date: 02 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , EUH441

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v9.3 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.003.974/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48567
Data source date: 03 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.376/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/f807
Data source date: 03 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.004.481/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/185515
Data source date: 03 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from ECHACHEM database; CLP submissions
SDS Sigma Aldrich v6.8 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.359/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48499
Data source date: 03 Mar 2026
Hazard Statements: Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from ECHACHEM; CLP submissions; Sigma Aldrich SDS v7.1 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.350/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b9009
Data source date: 18 May 2026
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , vPvB; EUH441 , PBT; EUH440

Appendix B: Rationale for selection of metal species

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

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

cadmium {cadmium sulfate}

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

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

CRIII too low to be oxidised.

chromium in Cr(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

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

copper {copper sulphate pentahydrate}

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

lead {lead chromate}

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

mercury {mercury dichloride}

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

nickel {nickel dibromate}

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

selenium {nickel selenate}

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

zinc {zinc oxide}

Zinc oxide appears to be most appropriate as zinc in soil readily weathers and oxidises.

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

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2026.223.7324.7700c83 (11 Aug 2026)
HazWasteOnline Database: 2026.223.7324.7700c83 (11 Aug 2026)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021
GB MCL List v2.0 - version 2.0 of 20th October 2023
GB MCL List v3.0 - version 3.0 of 11th January 2024
GB MCL List v4.0 - version 4.0 of 2nd March 2024
GB MCL List v5.0 - version 5.0 of 26th June 2024
GB MCL List v6.0 - version 6.0 of 15th February 2025
GB MCL List v7.0 - version 7.0 of 23rd September 2025

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:

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

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

PXN5A-YPNZ8-AUTXX

Report is invalid if pages are removed.

Job name

26-405[3]

Description/Comments

Project

26-405

Site

Maplewell

Classified by

Name:
Sai Turlapati
Date:
11 Sep 2026 12:28 GMT
Telephone:

Company:
Arc Environmental Ltd
Solum House, Unit 1
Elliott Court, St. Johns Road
Meadowfield
DH7 8PN

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: CERTIFIED

Course	Date
Hazardous Waste Classification	03 Apr 2025

Next 3 year Refresher due by Apr 2028

Purpose of classification

2 - Material Characterisation

Address of the waste

LAND NORTH EAST OF WAKEFIELD ROAD **Post Code** S75 6DL

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Construction waste.

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

Excavation of made ground materials.

Description of the waste

Gravelly sand with suspected burnt shale fragments , slightly gravelly clayey soil with anthropogenic fragments of plastic and glass , mixture of plastic, rubber, metal, wood, paper and other deleterious materials.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS01-0.17-0.20-24/07/2026--122749		Non Hazardous		3
2	WS02-0.15-0.25-24/07/2026--122750		Non Hazardous		6
3	WS03-0.00-0.10-24/07/2026--122751		Non Hazardous		9
4	WS04-0.10-0.20-24/07/2026--122752		Non Hazardous		12
5	WS08-0.29-0.40-24/07/2026--122753		Non Hazardous		15
6	WS11-0.00-0.10-24/07/2026--122754		Non Hazardous		18
7	WS12-0.70-0.80-24/07/2026--122755		Non Hazardous		21
8	WS13-0.20-0.30-24/07/2026--122756		Non Hazardous		27
9	WS16-1.10-1.30-24/07/2026--122757		Non Hazardous		30
10	WS17-0.60-0.80-24/07/2026--122758		Non Hazardous		33

Related documents

#	Name	Description
1	HWOL_26-09274-20260827.HWOL	Chemtech Environmental .hwol file used to populate the Job
2	Example worst case waste stream template: 17 05 04 or 17 05 03 * with 92 extra determinands	waste stream template used to create this Job

Report

Created by: Sai Turlapati

Created date: 11 Sep 2026 12:28 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	36
Appendix B: Rationale for selection of metal species	41
Appendix C: Version	41

Classification of sample: WS01-0.17-0.20-24/07/2026--122749

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

Sample details

Sample name:
WS01-0.17-0.20-24/07/2026--122749
Moisture content:
13.7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				8.3 mg/kg	1.895	13.57 mg/kg	0.00136 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		1.9 mg/kg	1.855	3.041 mg/kg	0.000304 %	✓	
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		28.7 mg/kg	1.462	36.2 mg/kg	0.00362 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		32.3 mg/kg	3.929	109.522 mg/kg	0.011 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19.6 mg/kg	1.56	26.384 mg/kg	0.00169 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		13.8 mg/kg	5.358	63.814 mg/kg	0.00638 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57.3 mg/kg	2.774	137.181 mg/kg	0.0137 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		21.4 mg/kg		18.468 mg/kg	0.00185 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				5.2	pH		5.2	pH	5.2 pH		
				PH									
21		naphthalene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
			205-883-8	191-24-2									
										Total:	0.0399 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00185%)

Classification of sample: WS02-0.15-0.25-24/07/2026--122750

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

Sample details

Sample name:
WS02-0.15-0.25-24/07/2026--122750
Moisture content:
9.7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos	650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<0.001 %		<0.001 %	<0.001 %		<LOD
2	asbestos fibres detected (Yes/No)			ACM_FIBRES		Yes					
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				7.2 mg/kg	1.895	12.317 mg/kg	0.00123 %	✓	
4	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
5	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		16.7 mg/kg	1.462	22.04 mg/kg	0.0022 %	✓	
6	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
7	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		10.4 mg/kg	3.929	36.899 mg/kg	0.00369 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27.3 mg/kg	1.56	38.452 mg/kg	0.00247 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
10	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		9.9 mg/kg	5.358	47.902 mg/kg	0.00479 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		53.4 mg/kg	2.774	133.77 mg/kg	0.0134 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		21.4 mg/kg		19.324 mg/kg	0.00193 %	✓	
14	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		601-022-00-9	215-535-7	1330-20-7									
20		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											
21		pH				5.9	pH		5.9	pH	5.9 pH		
				PH									
22		naphthalene				0.048	mg/kg		0.0433	mg/kg	0.00000433 %	✓	
		601-052-00-2	202-049-5	91-20-3									
23		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<**LOD**
			205-917-1	208-96-8									
24		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
			201-469-6	83-32-9									
25		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
			201-695-5	86-73-7									
26		phenanthrene				0.137	mg/kg		0.124	mg/kg	0.0000124 %	✓	
			201-581-5	85-01-8									
27		anthracene				0.027	mg/kg		0.0244	mg/kg	0.00000244 %	✓	
			204-371-1	120-12-7									
28		fluoranthene				0.234	mg/kg		0.211	mg/kg	0.0000211 %	✓	
			205-912-4	206-44-0									
29		pyrene				0.2	mg/kg		0.181	mg/kg	0.0000181 %	✓	
			204-927-3	129-00-0									
30		benzo[a]anthracene				0.115	mg/kg		0.104	mg/kg	0.0000104 %	✓	
		601-033-00-9	200-280-6	56-55-3									
31		chrysene				0.139	mg/kg		0.126	mg/kg	0.0000126 %	✓	
		601-048-00-0	205-923-4	218-01-9									
32		benzo[b]fluoranthene				0.071	mg/kg		0.0641	mg/kg	0.00000641 %	✓	
		601-034-00-4	205-911-9	205-99-2									
33		benzo[k]fluoranthene				0.178	mg/kg		0.161	mg/kg	0.0000161 %	✓	
		601-036-00-5	205-916-6	207-08-9									
34		benzo[a]pyrene; benzo[def]chrysene				0.107	mg/kg		0.0966	mg/kg	0.00000966 %	✓	
		601-032-00-3	200-028-5	50-32-8									
35		indeno[123-cd]pyrene				0.106	mg/kg		0.0957	mg/kg	0.00000957 %	✓	
			205-893-2	193-39-5									
36		dibenz[a,h]anthracene				0.023	mg/kg		0.0208	mg/kg	0.00000208 %	✓	
		601-041-00-2	200-181-8	53-70-3									
37		benzo[ghi]perylene				0.081	mg/kg		0.0731	mg/kg	0.00000731 %	✓	
			205-883-8	191-24-2									
										Total:	0.0298 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and £ 75 °C;"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00193%)

Classification of sample: WS03-0.00-0.10-24/07/2026--122751

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

Sample details

Sample name:
WS03-0.00-0.10-24/07/2026--122751
Moisture content:
3.6%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 3.6% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		asbestos fibres detected (Yes/No)			ACM_FIBRES		No							
2		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				6.6	mg/kg	1.895	12.054	mg/kg	0.00121 %	✓	
3		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1	mg/kg	1.855	<2.04	mg/kg	<0.000204 %		<LOD
4		chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		12.8	mg/kg	1.462	18.034	mg/kg	0.0018 %	✓	
5		chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04	mg/kg	2.27	<0.0908	mg/kg	<0.00000908 %		<LOD
6		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		8.4	mg/kg	3.929	31.816	mg/kg	0.00318 %	✓	
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.9	mg/kg	1.56	40.449	mg/kg	0.00259 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6	mg/kg	1.353	<0.812	mg/kg	<0.0000812 %		<LOD
9		nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		7.4	mg/kg	5.358	38.224	mg/kg	0.00382 %	✓	
10		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3	mg/kg	2.554	<7.662	mg/kg	<0.000766 %		<LOD
11		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		43	mg/kg	2.774	114.994	mg/kg	0.0115 %	✓	
12		TPH (C6 to C40) petroleum group			TPH		108	mg/kg		104.112	mg/kg	0.0104 %	✓	
13		confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑							
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				5.5	pH		5.5	pH	5.5 pH		
				PH									
21		naphthalene				0.046	mg/kg		0.0443	mg/kg	0.00000443 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.108	mg/kg		0.104	mg/kg	0.0000104 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.018	mg/kg		0.0174	mg/kg	0.00000174 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.174	mg/kg		0.168	mg/kg	0.0000168 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.151	mg/kg		0.146	mg/kg	0.0000146 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.085	mg/kg		0.0819	mg/kg	0.00000819 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.102	mg/kg		0.0983	mg/kg	0.00000983 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.05	mg/kg		0.0482	mg/kg	0.00000482 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.132	mg/kg		0.127	mg/kg	0.0000127 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.083	mg/kg		0.08	mg/kg	0.000008 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.079	mg/kg		0.0762	mg/kg	0.00000762 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.065	mg/kg		0.0627	mg/kg	0.00000627 %	✓	
			205-883-8	191-24-2									
										Total:	0.0346 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0104%)

Classification of sample: WS04-0.10-0.20-24/07/2026--122752

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

Sample details

Sample name:
WS04-0.10-0.20-24/07/2026--122752
Moisture content:
7.8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				5.4 mg/kg	1.895	9.432 mg/kg	0.000943 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		13.6 mg/kg	1.462	18.327 mg/kg	0.00183 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		11 mg/kg	3.929	39.848 mg/kg	0.00398 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.3 mg/kg	1.56	37.823 mg/kg	0.00242 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		7.4 mg/kg	5.358	36.559 mg/kg	0.00366 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		50.9 mg/kg	2.774	130.19 mg/kg	0.013 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		33.8 mg/kg		31.164 mg/kg	0.00312 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				6.7	pH		6.7	pH	6.7 pH		
				PH									
21		naphthalene				0.057	mg/kg		0.0526	mg/kg	0.00000526 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<**LOD**
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<**LOD**
			201-695-5	86-73-7									
25		phenanthrene				0.162	mg/kg		0.149	mg/kg	0.0000149 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.033	mg/kg		0.0304	mg/kg	0.00000304 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.315	mg/kg		0.29	mg/kg	0.000029 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.268	mg/kg		0.247	mg/kg	0.0000247 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.15	mg/kg		0.138	mg/kg	0.0000138 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.159	mg/kg		0.147	mg/kg	0.0000147 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.085	mg/kg		0.0784	mg/kg	0.00000784 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.219	mg/kg		0.202	mg/kg	0.0000202 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.15	mg/kg		0.138	mg/kg	0.0000138 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.135	mg/kg		0.124	mg/kg	0.0000124 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.025	mg/kg		0.0231	mg/kg	0.0000023 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.106	mg/kg		0.0977	mg/kg	0.00000977 %	✓	
			205-883-8	191-24-2									
										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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00312%)

Classification of sample: WS08-0.29-0.40-24/07/2026--122753

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

Sample details

Sample name:
WS08-0.29-0.40-24/07/2026--122753
Moisture content:
8.7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				7.7 mg/kg	1.895	13.319 mg/kg	0.00133 %	✓	
3		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4		chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		15.9 mg/kg	1.462	21.217 mg/kg	0.00212 %	✓	
5		chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		14.5 mg/kg	3.929	52.015 mg/kg	0.0052 %	✓	
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24.1 mg/kg	1.56	34.321 mg/kg	0.0022 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9		nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		13 mg/kg	5.358	63.598 mg/kg	0.00636 %	✓	
10		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		26.3 mg/kg	2.774	66.613 mg/kg	0.00666 %	✓	
12		TPH (C6 to C40) petroleum group			TPH		21.4 mg/kg		19.538 mg/kg	0.00195 %	✓	
13		confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.2	pH		7.2	pH	7.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.059	mg/kg		0.0539	mg/kg	0.00000539 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.046	mg/kg		0.042	mg/kg	0.0000042 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.097	mg/kg		0.0886	mg/kg	0.00000886 %	✓	
24		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.0365	mg/kg	0.00000365 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.154	mg/kg		0.141	mg/kg	0.0000141 %	✓	
26		anthracene		204-371-1	120-12-7		0.044	mg/kg		0.0402	mg/kg	0.00000402 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.162	mg/kg		0.148	mg/kg	0.0000148 %	✓	
28		pyrene		204-927-3	129-00-0		0.114	mg/kg		0.104	mg/kg	0.0000104 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.082	mg/kg		0.0749	mg/kg	0.00000749 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.101	mg/kg		0.0922	mg/kg	0.00000922 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.155	mg/kg		0.142	mg/kg	0.0000142 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.061	mg/kg		0.0557	mg/kg	0.00000557 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.111	mg/kg		0.101	mg/kg	0.0000101 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.145	mg/kg		0.132	mg/kg	0.0000132 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.03	mg/kg		0.0274	mg/kg	0.00000274 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.102	mg/kg		0.0931	mg/kg	0.00000931 %	✓	
											Total:	0.026 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00195%)

Classification of sample: WS11-0.00-0.10-24/07/2026--122754

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

Sample details

Sample name:
WS11-0.00-0.10-24/07/2026--122754
Moisture content:
11.1%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 11.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				9.8 mg/kg	1.895	16.505 mg/kg	0.00165 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20.8 mg/kg	1.462	27.026 mg/kg	0.0027 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		12.1 mg/kg	3.929	42.264 mg/kg	0.00423 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41.9 mg/kg	1.56	58.102 mg/kg	0.00372 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		14 mg/kg	5.358	66.69 mg/kg	0.00667 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		68.1 mg/kg	2.774	167.949 mg/kg	0.0168 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		21.4 mg/kg		19.025 mg/kg	0.0019 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				7	pH		7	pH	7pH		
				PH									
21		naphthalene				0.034	mg/kg		0.0302	mg/kg	0.00000302 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.137	mg/kg		0.122	mg/kg	0.0000122 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.028	mg/kg		0.0249	mg/kg	0.00000249 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.284	mg/kg		0.252	mg/kg	0.0000252 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.254	mg/kg		0.226	mg/kg	0.0000226 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.149	mg/kg		0.132	mg/kg	0.0000132 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.154	mg/kg		0.137	mg/kg	0.0000137 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.227	mg/kg		0.202	mg/kg	0.0000202 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.091	mg/kg		0.0809	mg/kg	0.00000809 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.16	mg/kg		0.142	mg/kg	0.0000142 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.15	mg/kg		0.133	mg/kg	0.0000133 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.027	mg/kg		0.024	mg/kg	0.0000024 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.122	mg/kg		0.108	mg/kg	0.0000108 %	✓	
			205-883-8	191-24-2									
										Total:	0.0378 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0019%)

Classification of sample: WS12-0.70-0.80-24/07/2026--122755

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

Sample details

Sample name:
WS12-0.70-0.80-24/07/2026--122755
Moisture content:
6.9%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 6.9% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		asbestos fibres detected (Yes/No)			ACM_FIBRES		No							
2		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				6.9	mg/kg	1.895	12.17	mg/kg	0.00122 %	✓	
3		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1	mg/kg	1.855	<2.04	mg/kg	<0.000204 %		<LOD
4		chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		14.9	mg/kg	1.462	20.275	mg/kg	0.00203 %	✓	
5		chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04	mg/kg	2.27	<0.0908	mg/kg	<0.00000908 %		<LOD
6		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		18.8	mg/kg	3.929	68.769	mg/kg	0.00688 %	✓	
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	45	mg/kg	1.56	65.348	mg/kg	0.00419 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6	mg/kg	1.353	<0.812	mg/kg	<0.0000812 %		<LOD
9		nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		11.7	mg/kg	5.358	58.367	mg/kg	0.00584 %	✓	
10		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3	mg/kg	2.554	<7.662	mg/kg	<0.000766 %		<LOD
11		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59.2	mg/kg	2.774	152.898	mg/kg	0.0153 %	✓	
12		TPH (C6 to C40) petroleum group			TPH		59.7	mg/kg		55.581	mg/kg	0.00556 %	✓	
13		confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑							
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.9	pH		6.9	pH	6.9 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.062	mg/kg		0.0577	mg/kg	0.00000577 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.017	mg/kg		0.0158	mg/kg	0.00000158 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.022	mg/kg		0.0205	mg/kg	0.00000205 %	✓	
24		fluorene		201-695-5	86-73-7		0.017	mg/kg		0.0158	mg/kg	0.00000158 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.272	mg/kg		0.253	mg/kg	0.0000253 %	✓	
26		anthracene		204-371-1	120-12-7		0.048	mg/kg		0.0447	mg/kg	0.00000447 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.661	mg/kg		0.615	mg/kg	0.0000615 %	✓	
28		pyrene		204-927-3	129-00-0		0.579	mg/kg		0.539	mg/kg	0.0000539 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.321	mg/kg		0.299	mg/kg	0.0000299 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.314	mg/kg		0.292	mg/kg	0.0000292 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.507	mg/kg		0.472	mg/kg	0.0000472 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.17	mg/kg		0.158	mg/kg	0.0000158 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.348	mg/kg		0.324	mg/kg	0.0000324 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.335	mg/kg		0.312	mg/kg	0.0000312 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.062	mg/kg		0.0577	mg/kg	0.00000577 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.266	mg/kg		0.248	mg/kg	0.0000248 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
38		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
39		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
40		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
41		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
42		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
43		1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
44		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
45		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
46		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
47		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
49		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
50		1,3-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
51		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
52		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
53		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
54		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
55		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
56		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
57		2-chlorotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-040-00-X	202-424-3	95-49-8									
58		4-chlorotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-040-00-X	203-397-0	106-43-4									
59		1-isopropyl-4-methylbenzene; p-cymene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-094-00-1	202-796-7	99-87-6									
60		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
61		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
62		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
63		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
64		1,1,2,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
65		bromoethane; ethyl bromide				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-055-00-1	200-825-8	74-96-4									
66		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
67		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
68		chloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
69		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
70		chloromethane; methyl chloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
71		cis-dichloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-026-00-3	205-859-7	156-59-2									
72		1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5	542-75-6									

#		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									
73		dibromochloromethane	204-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
74		dibromomethane	200-824-2	74-95-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
75		1,1,2-trichloroethane	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
76		dichlorodifluoromethane	200-893-9	75-71-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
77		dichloromethane; methylene chloride	200-838-9	75-09-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
78		hexachlorobutadiene	201-765-5	87-68-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79		cumene	202-704-5	98-82-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
80		propylbenzene	203-132-9	103-65-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
81		1,1-dichloropropene	209-253-3	563-58-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
82		sec-butylbenzene	205-227-0	135-98-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
83		tert-butylbenzene	202-632-4	98-06-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84		styrene	202-851-5	100-42-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
85		trans-dichloroethylene	205-860-2	156-60-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86		trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87		trichlorofluoromethane	200-892-3	75-69-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88		1,1-dichloroethane	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89		1,1-dichloroethylene; vinylidene chloride	200-864-0	75-35-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90		1,2,3-trichloropropane	202-486-1	96-18-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91		1,2,4-trimethylbenzene	202-436-9	95-63-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92		DNOC (ISO); 4,6-dinitro-o-cresol	208-601-1	534-52-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
93		o-cresol	202-423-8	95-48-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
94		o-nitroaniline	201-855-4	88-74-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
95		2-nitrophenol	201-857-5	88-75-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
96		mix-cresol	215-293-2	1319-77-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
97		4-chloroaniline	203-401-0	106-47-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
98		4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
99		p-nitroaniline	202-810-1	100-01-6		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
100		4-nitrophenol; p-nitrophenol	202-811-7	100-02-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
101		azobenzene	203-102-5	103-33-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
102	●	bis(2-chloroethoxy)methane		203-920-2	111-91-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
103		bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
104		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
105		2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
106		BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
107	●	carbazole		201-696-0	86-74-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
108	●	dibenzofuran		205-071-3	132-64-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
109	●	diethyl phthalate		201-550-6	84-66-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
110	●	dimethyl phthalate		205-011-6	131-11-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
111		dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
112	●	di-n-octyl phthalate		204-214-7	117-84-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
113		hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
114		2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
115	●	hexachloroethane		200-666-4	67-72-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
116		3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0	78-59-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
117	●	2-chloronaphthalene		202-079-9	91-58-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
118	●	2-methyl naphthalene		202-078-3	91-57-6		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
119		nitrobenzene	609-003-00-7	202-716-0	98-95-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
120		dimethylnitrosoamine; N-nitrosodimethylamine	612-077-00-3	200-549-8	62-75-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
121		nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
122		pentachlorophenol	604-002-00-8	201-778-6	87-86-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
123		2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
124		2,4-xylenol	604-006-00-X	203-321-6	105-67-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
125		2,4-dinitrophenol	609-041-00-4	200-087-7	51-28-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
126		2,4-dinitrotoluene	609-007-00-9	204-450-0	121-14-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
127		2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
128		2-chlorophenol	604-008-00-0	202-433-2	95-57-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
129		m-nitroaniline	612-012-00-9	202-729-1	99-09-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
130	●	4-bromophenylphenylether		202-952-4	101-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
131		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7							
								Total:	0.0414 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and £ 75 °C;"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00556%)

Classification of sample: WS13-0.20-0.30-24/07/2026--122756

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

Sample details

Sample name:
WS13-0.20-0.30-24/07/2026--122756
Moisture content:
6.4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 6.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				3.3 mg/kg	1.895	5.852 mg/kg	0.000585 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		8.5 mg/kg	1.462	11.628 mg/kg	0.00116 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		12.4 mg/kg	3.929	45.602 mg/kg	0.00456 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11.5 mg/kg	1.56	16.79 mg/kg	0.00108 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		5.8 mg/kg	5.358	29.089 mg/kg	0.00291 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		28.5 mg/kg	2.774	74.003 mg/kg	0.0074 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		36.1 mg/kg		33.79 mg/kg	0.00338 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.9	pH		8.9	pH	8.9 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.045	mg/kg		0.0421	mg/kg	0.00000421 %	✓	
26		anthracene		204-371-1	120-12-7		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.049	mg/kg		0.0459	mg/kg	0.00000459 %	✓	
28		pyrene		204-927-3	129-00-0		0.038	mg/kg		0.0356	mg/kg	0.00000356 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.02	mg/kg		0.0187	mg/kg	0.00000187 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.019	mg/kg		<0.019	mg/kg	<0.0000019 %		<LOD
											Total:	0.0211 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00338%)

Classification of sample: WS16-1.10-1.30-24/07/2026--122757

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

Sample details

Sample name:
WS16-1.10-1.30-24/07/2026--122757
Moisture content:
20%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	asbestos fibres detected (Yes/No)			ACM_FIBRES		No					
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				5.2 mg/kg	1.895	7.881 mg/kg	0.000788 %	✓	
3	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1 mg/kg	1.855	<2.04 mg/kg	<0.000204 %		<LOD
4	chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		18.8 mg/kg	1.462	21.982 mg/kg	0.0022 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04 mg/kg	2.27	<0.0908 mg/kg	<0.00000908 %		<LOD
6	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		11.2 mg/kg	3.929	35.204 mg/kg	0.00352 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20.1 mg/kg	1.56	25.082 mg/kg	0.00161 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6 mg/kg	1.353	<0.812 mg/kg	<0.0000812 %		<LOD
9	nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		13.7 mg/kg	5.358	58.727 mg/kg	0.00587 %	✓	
10	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3 mg/kg	2.554	<7.662 mg/kg	<0.000766 %		<LOD
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54.9 mg/kg	2.774	121.841 mg/kg	0.0122 %	✓	
12	TPH (C6 to C40) petroleum group			TPH		143 mg/kg		114.4 mg/kg	0.0114 %	✓	
13	confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑					
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
16		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	215-535-7	1330-20-7									
19		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											
20		pH				7.7	pH		7.7	pH	7.7 pH		
				PH									
21		naphthalene				0.018	mg/kg		0.0144	mg/kg	0.00000144 %	✓	
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.103	mg/kg		0.0824	mg/kg	0.00000824 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.04	mg/kg		0.032	mg/kg	0.0000032 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				0.211	mg/kg		0.169	mg/kg	0.0000169 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.183	mg/kg		0.146	mg/kg	0.0000146 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.099	mg/kg		0.0792	mg/kg	0.00000792 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.088	mg/kg		0.0704	mg/kg	0.00000704 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.118	mg/kg		0.0944	mg/kg	0.00000944 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.047	mg/kg		0.0376	mg/kg	0.00000376 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.08	mg/kg		0.064	mg/kg	0.0000064 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.068	mg/kg		0.0544	mg/kg	0.00000544 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.057	mg/kg		0.0456	mg/kg	0.00000456 %	✓	
			205-883-8	191-24-2									
										Total:	0.0377 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0114%)

Classification of sample: WS17-0.60-0.80-24/07/2026--122758

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

Sample details

Sample name:
WS17-0.60-0.80-24/07/2026--122758
Moisture content:
18%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		asbestos fibres detected (Yes/No)			ACM_FIBRES		No							
2		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				8.2	mg/kg	1.895	12.739	mg/kg	0.00127 %	✓	
3		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<1.1	mg/kg	1.855	<2.04	mg/kg	<0.000204 %		<LOD
4		chromium in Cr(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20.4	mg/kg	1.462	24.449	mg/kg	0.00244 %	✓	
5		chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.04	mg/kg	2.27	<0.0908	mg/kg	<0.00000908 %		<LOD
6		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		13.1	mg/kg	3.929	42.206	mg/kg	0.00422 %	✓	
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29.3	mg/kg	1.56	37.476	mg/kg	0.0024 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.6	mg/kg	1.353	<0.812	mg/kg	<0.0000812 %		<LOD
9		nickel { nickel dibromate }	028-053-00-5	238-596-1	14550-87-9		14.4	mg/kg	5.358	63.271	mg/kg	0.00633 %	✓	
10		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<3	mg/kg	2.554	<7.662	mg/kg	<0.000766 %		<LOD
11		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		98.3	mg/kg	2.774	223.613	mg/kg	0.0224 %	✓	
12		TPH (C6 to C40) petroleum group			TPH		143	mg/kg		117.26	mg/kg	0.0117 %	✓	
13		confirm TPH has NOT arisen from diesel or petrol			TPH_CONFIRM		☑							
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		xylene	601-022-00-9	215-535-7	1330-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.5	pH		6.5	pH	6.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.062	mg/kg		0.0508	mg/kg	0.00000508 %	✓	
22		acenaphthylene		205-917-1	208-96-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.203	mg/kg		0.166	mg/kg	0.0000166 %	✓	
26		anthracene		204-371-1	120-12-7		0.037	mg/kg		0.0303	mg/kg	0.00000303 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.368	mg/kg		0.302	mg/kg	0.0000302 %	✓	
28		pyrene		204-927-3	129-00-0		0.32	mg/kg		0.262	mg/kg	0.0000262 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.172	mg/kg		0.141	mg/kg	0.0000141 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.188	mg/kg		0.154	mg/kg	0.0000154 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.285	mg/kg		0.234	mg/kg	0.0000234 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.103	mg/kg		0.0845	mg/kg	0.00000845 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.179	mg/kg		0.147	mg/kg	0.0000147 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.185	mg/kg		0.152	mg/kg	0.0000152 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.035	mg/kg		0.0287	mg/kg	0.00000287 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.149	mg/kg		0.122	mg/kg	0.0000122 %	✓	
											Total:	0.0509 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 1000 mg/kg (0.1%) because: Total TPH's to be less than 1000 mg/kg to be recorded as Non-Hazardous soils.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0117%)

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: not classified, information only
Data source: N/A
Data source date: 15 Jan 2020
Hazard Statements: None.

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

Description/Comments: Data from ECHACHEM; REACH submission: Not classified;
Sigma Aldrich SDS v6.7 dated 25/12/2025: Not classified
Data source: https://chem.echa.europa.eu/100.013.783/overview
https://www.sigmaaldrich.com/GB/en/sds/sigald/393703
Data source date: 12 May 2026
Hazard Statements: None.

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

Description/Comments: Unknown Oil
Hazard statements taken from WM3 version 1.1.NI and 1.2.GB 2021
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

confirm TPH has NOT arisen from diesel or petrol (CAS Number: TPH_CONFIRM)

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: None.

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments: IARC considers ethylbenzene Group 2B; Possibly carcinogenic to humans;
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2026 - Carc. 2; H351 hazard statement sourced from:: IARC Group 2B (77) 2000

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

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 version 1.1.NI and 1.2.GB 2021
Data source date: 30 Jan 2021
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.7 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.380/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/416703
Data source date: 02 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 1; H330 , STOT SE 3; H335

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.8 dated 12/12/2025
Data source: https://chem.echa.europa.eu/100.001.336/industry/113817?searchText=83-32-9
https://www.sigmaaldrich.com/GB/en/sds/aldrich/215376
Data source date: 02 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from ECHACHEM; CLP submissions;
SDS Sigma Aldrich v6.6 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.541/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/128333
Data source date: 02 Mar 2026
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 ECHACHEM; CLP submissions;
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.437/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48569
Data source date: 02 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , EUH441

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v9.3 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.003.974/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48567
Data source date: 03 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.376/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/f807
Data source date: 03 Mar 2026
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from ECHACHEM; CLP submissions
SDS Sigma Aldrich v7.2 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.004.481/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/185515
Data source date: 03 Mar 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , PBT; EUH440 , EUH441

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from ECHACHEM database; CLP submissions
SDS Sigma Aldrich v6.8 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.359/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48499
Data source date: 03 Mar 2026
Hazard Statements: Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from ECHACHEM; CLP submissions; Sigma Aldrich SDS v7.1 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.005.350/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b9009
Data source date: 18 May 2026
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , vPvB; EUH441 , PBT; EUH440

1,1,1,2-tetrachloroethane (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.6 dated 3/11/23
Data source: https://chem.echa.europa.eu/100.010.124/overview
https://www.sigmaaldrich.com/GB/en/sds/sigald/t7209
Data source date: 14 May 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Acute Tox. 3; H331 , Carc. 2; H351 , Aquatic Chronic 3; H412

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 5/11/2025
Data source: https://chem.echa.europa.eu/100.005.029/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/d72204
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 3; H412

1,2,3-trichlorobenzene (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.3 dated 16/10/2024
Data source: https://chem.echa.europa.eu/100.001.598/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/t54402
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Sens. 1B; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 5/11/2025
Data source: https://chem.echa.europa.eu/100.008.940/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/258571
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319 , Acute Tox. 4; H332

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.7 dated 11/03/2025
Data source: https://chem.echa.europa.eu/100.000.752/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/442498
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Ozone 1; H420

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.5 dated 09/01/2024
Data source: https://chem.echa.europa.eu/100.000.779/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/139181
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 2; H351 , Repr. 1A; H360

n-butylbenzene (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.002.918/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90203
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

dibromochloromethane (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.2 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.004.277/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/206326
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

dichlorodifluoromethane (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
SIAD SDS v3.1 dated 06/03/2025
Data source:
https://chem.echa.europa.eu/100.000.813/overview\nhttps://www.siadmi.com/web/siad-poland/material-safety-data-sheet?p_p_id=com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2&p_p_lifecycle=2&p_p_state=normal&p_p_mode=view&p_p_cacheability=cacheLevelPage&_com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2_filename=00041_LIQ_EN.pdf&_com_liferay_sheet_portlet_SecuritySheetPortlet_INSTANCE_KD1oUobOQ5C2_initial=R
Data source date: 15 May 2026
Hazard Statements: Press. Gas; H280 , Aquatic Chronic 3; H412 , Ozone 1; H420

hexachlorobutadiene (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.0 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.605/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/112194
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

sec-butylbenzene (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.6 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.004.752/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90408
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 4; H302 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

tert-butylbenzene (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.6 dated 27/10/2023
Data source: https://chem.echa.europa.eu/100.002.394/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b90602
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , Aquatic Chronic 2; H411

trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v10.0 dated 16/03/2026
Data source: https://chem.echa.europa.eu/100.154.864/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/47793
Data source date: 15 May 2026
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

trichlorofluoromethane (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v7.5 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.000.812/overview
https://www.sigmaaldrich.com/GB/en/sds/supelco/48541
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

2-nitrophenol (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.8 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.001.688/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/n19702
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

4-chlorophenylphenylether (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.6 dated 01/03/2024
Data source: https://chem.echa.europa.eu/100.027.529/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/357650
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

bis(2-chloroethoxy)methane (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
LGC SDS v1 dated 24/02/2021
Data source: https://chem.echa.europa.eu/100.003.564/overview
https://www.lgcstandards.com/medias/sys_master/root/hd0/hf5/11104042352670/new-SDS_DRE-C10651000_ST-WB-MSDS-3391314-1-1-1/new-SDS-DRE-C10651000-ST-WB-MSDS-3391314-1-1-1.PDF
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Acute Tox. 1; H330 , STOT SE 1; H370 , STOT RE 2; H373

carbazole (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.13 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.001.542/overview
https://www.sigmaaldrich.com/GB/en/sds/sigma/46100
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 2; H341 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

dibenzofuran (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.8 dated 26/06/2025
Data source: https://chem.echa.europa.eu/100.004.612/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/236373
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Aquatic Chronic 2; H411

diethyl phthalate (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.6 dated 15/10/2025
Data source: https://chem.echa.europa.eu/100.001.409/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/w512206
Data source date: 15 May 2026
Hazard Statements: Eye Irrit. 2; H319

dimethyl phthalate (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.4 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.004.557/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/525081
Data source date: 15 May 2026
Hazard Statements: Eye Irrit. 2; H319 , Acute Tox. 3; H331

di-n-octyl phthalate (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v8.0 dated 23/12/2025
Data source: https://chem.echa.europa.eu/100.003.832/overview
https://www.sigmaaldrich.com/GB/en/sds/usp/1800119
Data source date: 15 May 2026
Hazard Statements: Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Resp. Sens. 1; H334 , Repr. 2; H361 , Aquatic Chronic 4; H413

hexachloroethane (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v7.5 dated 05/11/2025
Data source: https://chem.echa.europa.eu/100.000.606/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/185442
Data source date: 15 May 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Carc. 2; H351 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

2-chloronaphthalene (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Angene SDS v2.0 dated 01/05/2021
Data source: https://chem.echa.europa.eu/100.001.891/overview
https://www.angenechemical.com/sds/91-58-7.pdf
Data source date: 15 May 2026
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 3; H412

2-methyl naphthalene (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v9.6 dated 25/12/2025
Data source: https://chem.echa.europa.eu/100.001.890/overview
https://www.sigmaaldrich.com/GB/en/sds/sial/45796
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 2; H411

4-bromophenylphenylether (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from ECHACHEM; CLP submissions;
Sigma Aldrich SDS v6.5 dated 09/01/2024
Data source: https://chem.echa.europa.eu/100.002.685/overview
https://www.sigmaaldrich.com/GB/en/sds/aldrich/b65209
Data source date: 15 May 2026
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

Appendix B: Rationale for selection of metal species

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

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

cadmium {cadmium sulfate}

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

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

CRIII too low to be oxidised.

chromium in Cr(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

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

copper {copper sulphate pentahydrate}

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

lead {lead chromate}

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

mercury {mercury dichloride}

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

nickel {nickel dibromate}

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

selenium {nickel selenate}

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

zinc {zinc chromate}

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

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

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2026.254.7359.1fb7a23 (11 Sep 2026)
HazWasteOnline Database: 2026.254.7359.1fb7a23 (11 Sep 2026)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021
GB MCL List v2.0 - version 2.0 of 20th October 2023
GB MCL List v3.0 - version 3.0 of 11th January 2024
GB MCL List v4.0 - version 4.0 of 2nd March 2024
GB MCL List v5.0 - version 5.0 of 26th June 2024
GB MCL List v6.0 - version 6.0 of 15th February 2025
GB MCL List v7.0 - version 7.0 of 23rd September 2025

APPENDIX VI



ARC ENVIRONMENTAL LTD
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The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
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Legend

	Approximate site boundary
	Windowless sampling borehole location
	Mechanically Excavated Trial Pit Position
	Trial Trench Position to Target Recorded Coal Seams
	Rotary Borehole Position

rev.	date	amendments	drawn	chckd

Client:
VISTRY WEST YORKSHIRE

Project Title:
Proposed Residential Development
Site 2 – Land Adjacent to Wakefield Road
Mapplewell Road, Barnsley

Drawing Title:
Dessicated Soils Assessment Plan

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	07.09.26	P.D	S.D

Job Ref:	Drg no:	Rev:
26-405	–	–