

**SOLMEK**

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Trial Pit Log

TrialPit No
TP01
 Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
 Project No. NE-26-021
 Co-ords: 515528E - 301698N
 Level: 83.03
 Date: 09/04/2026

Plant Used: JCB 3CX
 Dimensions (m):
 Depth: 3.00
 Scale: 1:26
 Client: Morgan Sindall
 Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES		0.08	82.94		MADE GROUND: Red brick paving.
	0.10 - 0.20	B+ES					MADE GROUND: Brown, gravelly Sand subbase. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of basalt, and brick.
	0.30 - 0.40	B+ES		0.25	82.78		Blue-grey, sandy, cobbly GRAVEL. Sand is fine to coarse. Gravel and cobbles are fine to coarse, angular to subangular of slag.
	0.50 - 0.60	B+ES		0.50	82.52		Stiff, red-brown, sandy, gravelly, cobbly, bouldery CLAY. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of siltstone, asphalt, and concrete. Cobbles are fine to coarse, rounded to subrounded of siltstone, and slag. Boulders are fine to coarse, rounded to subrounded of slag.
	0.50	HV	80kPa				
	1.00	HV	76kPa				
	1.10 - 1.20	B+ES					
	1.50	HV	84kPa				
	1.70 - 1.80	B+ES					
	2.00	HV	100kPa				
	2.30 - 2.40	B+ES					
	2.50	HV	120kPa				
	2.90 - 3.00	B+ES					
	3.00	HV	110kPa	3.00	80.03		End of Pit at 3.000m

Remarks: No groundwater encountered.
 Stability: Pit wall stable.



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Trial Pit Log

TrialPit No
TP05
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515485E - 301686N
Level: 82.85
Date: 09/04/2026

Plant Used: JCB 3CX
Dimensions (m):
Scale: 1:26

Client: Morgan Sindall
Depth: 3.00
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES		0.08	82.77		MADE GROUND: Red brick paving.
	0.20 - 0.30	B+ES					MADE GROUND: Brown gravelly sand subbase. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of basalt.
	0.50 - 0.60	B+ES		0.50	82.35		MADE GROUND: Dark brown, clayey, sandy, slightly cobbly gravel. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of basalt, sandstone, brick and slag. Cobbles are fine to coarse, angular to subangular of slag. Sulphurous smell.
	1.10 - 1.20	B+ES					
	1.70 - 1.80	B+ES					
	2.30 - 2.40	B+ES					
	2.90 - 3.00	B+ES		3.00	79.85		End of Pit at 3.000m

Remarks: No groundwater encountered.

Stability: Pit wall stable.



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Trial Pit Log

TrialPit No
TP07
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515516E - 301736N
Level: 83.28
Date: 02/04/2026

Plant Used: JCB 3CX
Dimensions (m): 1.50
Scale: 1:26

Client: Morgan Sindall
Depth: 2.00
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES					
	0.20 - 0.30	B+ES		0.20	83.08		MADE GROUND: Brown, clayey, slightly sandy, slightly gravelly Topsoil. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of mudstone, and brick.
	0.30	HV	76kPa				MADE GROUND: Firm-stiff, red-brown, sandy, gravelly, slightly cobbly, reworked, medium-high strength Clay. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of mudstone, siltstone, sandstone, and pottery. Cobbles are fine to coarse, subangular to subrounded of siltstone. Sulphurous smell.
	0.50 - 0.60	ES					
	0.80 - 0.90	B+ES					
	0.80	HV	68kPa				
	1.30	HV	86kPa				
	1.40 - 1.50	B+ES					
	1.80 - 1.90	B+ES		1.80	81.48		
				2.00	81.28		MADE GROUND: Light grey, sandy, cobbly Gravel. Sand is fine to coarse. Gravel and cobbles are fine to coarse, angular to subangular of slag. Sulphurous smell. End of Pit at 2.000m

Remarks: No groundwater encountered.

Stability: Pit wall stable.



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Trial Pit Log

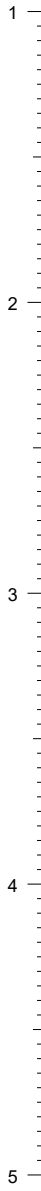
TrialPit No
TP08
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515528E - 301766N
Level: 83.03
Date: 07/04/2026

Plant Used: JCB 3CX
Dimensions (m):
Scale: 1:26

Client: Morgan Sindall
Depth: 1.70
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES					MADE GROUND: Dark grey macadam.
	0.20 - 0.30	B+ES		0.20 0.30	82.83 82.73		MADE GROUND: Dark brown to grey, gravelly sand. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of macadam and slag.
	0.50 - 0.60	B+ES					MADE GROUND: Light grey, sandy gravel. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of slag.
	1.10 - 1.20	B+ES					
	1.60 - 1.70	B+ES		1.70	81.33		
	End of Pit at 1.700m						



Remarks: No groundwater encountered.

Stability: Pit wall stable.



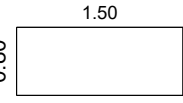
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Trial Pit Log

TrialPit No
TP09
Sheet 1 of 1

Project Name: **Leconfield Industrial Estate, Cleator Moor** Project No. **NE-26-021** Co-ords: **515477E - 301781N** Date **02/04/2026**
Level: **83.06**

Plant Used: **JCB 3CX** Dimensions (m):  Scale **1:26**
Client: **Morgan Sindall** Depth **1.50** Logged **TJ**

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES		0.10	82.96		MADE GROUND: Brown, clayey, slightly sandy, slightly gravelly Topsoil. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of mudstone, and brick. MADE GROUND: Firm-stiff, red-brown, sandy, gravelly, slightly cobbly, reworked, medium-high strength Clay. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of mudstone, siltstone, sandstone, and pottery. Cobbles are fine to coarse, subangular to subrounded of siltstone. Sulphurous smell.
	0.20 - 0.30 0.20	B+ES HV	65kPa				
	0.50 - 0.60	B+ES		0.90	82.16		MADE GROUND: Light grey, sandy, cobbly Gravel. Sand is fine to coarse. Gravel and cobbles are fine to coarse, angular to subangular of slag. Sulphurous smell.
	0.70	HV	80kPa				
	0.90 - 1.00	B+ES		1.50	81.56		End of Pit at 1.500m
	1.40 - 1.50	B+ES					

Remarks: **No groundwater encountered.**

Stability: **Pit wall stable.**



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Trial Pit Log

Trial Pit No
TP10
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515484E - 301800N
Level: 83.15
Date: 02/04/2026

Plant Used: JCB 3CX
Dimensions (m): 1.50
Scale: 1:26

Client: Morgan Sindall
Depth: 2.20
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20 - 0.30	B+ES		0.30	82.85		MADE GROUND: Brown, clayey, slightly sandy, slightly gravelly Topsoil. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of mudstone, and brick.
	0.40	HV	58kPa				MADE GROUND: Firm-stiff, red-brown, sandy, gravelly, slightly cobbly, reworked, medium-high strength Clay. Sand is fine to coarse. Gravel is fine to coarse, subangular to subrounded of mudstone, siltstone, sandstone, and pottery. Cobbles are fine to coarse, subangular to subrounded of siltstone. Sulphurous smell.
	0.50 - 0.60	B+ES		1.50	81.65		MADE GROUND: Light grey, sandy, cobbly Gravel. Sand is fine to coarse. Gravel and cobbles are fine to coarse, angular to subangular of slag. Sulphurous smell.
	0.90	HV	78kPa				
	1.10 - 1.20	B+ES					
	1.30	HV	83kPa	2.20	80.95		End of Pit at 2.200m
	1.60 - 1.70	B+ES					
	2.10 - 2.20	B+ES					

Remarks: No groundwater encountered.

Stability: Pit wall stable.



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Trial Pit Log

TrialPit No
TP11
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515514E - 301765N
Level: 83.17
Date: 08/04/2026

Plant Used: JCB 3CX
Dimensions (m):
Scale: 1:26

Client: Morgan Sindall
Depth: 1.60
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES					MADE GROUND: Grey concrete with rebar.
	0.30 - 0.40	B+ES		0.25	82.92		MADE GROUND: Grey asphalt.
	0.50 - 0.60 0.50	B+ES HV	90kPa	0.40	82.77		MADE GROUND: Stiff, red-brown, sandy, gravelly, slightly cobbly, reworked Clay. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of siltstone, asphalt, and concrete. Cobbles are fine to coarse, rounded to subrounded of siltstone.
	1.00	HV	110kPa				
	1.10 - 1.20	B+ES		1.20	81.97		MADE GROUND: Light grey, fused slag.
	1.30 - 1.40	B+ES					
				1.60	81.57		End of Pit at 1.600m

Remarks: No groundwater encountered.

Stability: Pit wall stable.



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Trial Pit Log

Trial Pit No
TP12
Sheet 1 of 1

Project Name: Leconfield Industrial Estate, Cleator Moor
Project No. NE-26-021
Co-ords: 515490E - 301781N
Level: 83.19
Date: 02/04/2026

Plant Used: JCB 3CX
Dimensions (m): 1.50
Scale: 1:26

Client: Morgan Sindall
Depth: 1.20
Logged: TJ

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.10	B+ES					MADE GROUND: Grey CONCRETE with rebar.
	0.20 - 0.30	B+ES		0.20	82.99		MADE GROUND: Dark grey, sandy, cobbly Gravel. Sand is fine to coarse. Gravel is fine to coarse, angular to subangular of slag, concrete, brick, and timber. Cobbles are fine to coarse, angular to subangular of brick. Large reworked clay lenses.
	0.50 - 0.60	ES		0.70	82.49		
	0.90 - 1.00	B					MADE GROUND: Grey concrete with rebar.
				1.20	81.99		End of Pit at 1.200m

Remarks: No groundwater encountered.

Stability: Pit wall stable.