Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Excavation method/plant: JCB

Shoring/support: None

TP101

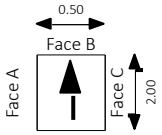
Project Name: Sandfields Young Business Centre
Site Location: Port Talbot
Client: Neath Port Talbot Council
Project No: 9222

Excavation date: 03/03/2025
Backfill date: 03/03/2025
Logged by: ESP-AC

Survey details:

Ground Level: 12.0 mOD
Easting: 273239 mOD
Northing: 191169 mOD
Bearing:

Plan details:



Face Stability:

Spalling throughout

Groundwater observations:

No groundwater encountered.

Depth m	Sample Type	Sample Class	Test Details Type	Test Details Result	Strata Details Description	Depth (thickness)	mOD	Legend
					Grass over (probably soft) dark brown mottled brown slightly clayey silty fine SAND. (MADE GROUND / PLACED TOPSOIL)	(0.20) 0.20	11.80	
0.30	ES				(Probably loose) dark grey mottled brown silty sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND)			
0.60	B							
0.60 - 1.00	ES							
1.00	D					(1.50) 1.0		
1.50	D							
					(Probably loose to medium dense) light brown mottled brown fine SAND with occasional shell fragments. (BLOWN SAND).	1.70	10.30	
1.80	D							
1.90 - 2.20	B					(0.50) 2.0		
2.10	D							
					End of Trialpit at 2.200m	2.20	9.80	
						3.0		
						4.0		

Weather and environmental conditions:

1. Sunny and windy

Other comments:

1. Co-ordinates and ground levels of investigation points obtained by a GNS3 GPS (Geode).
2. Service plans reviewed and area CAT scanned prior to excavation.
3. Upon completion trial pit backfilled with arisings and the surface left proud to accomodate future settlement.
4. No groundwater encountered.
5. Trial pit terminated at 2.20m to conduct infiltration testing.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Excavation method/plant: JCB

Shoring/support: None

TP102

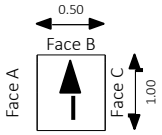
Project Name: Sandfields Young Business Centre
Site Location: Port Talbot
Client: Neath Port Talbot Council
Project No: 9222

Excavation date: 12/03/2025
Backfill date: 12/03/2025
Logged by: ESP-AC

Survey details:

Ground Level: 12.0 mOD
Easting: 273280 mOD
Northing: 191199 mOD
Bearing:

Plan details:



Face Stability:

Spalling throughout

Groundwater observations:

No groundwater encountered.

Depth m	Sample Type	Sample Class	Test Details Type	Test Details Result	Strata Details Description	Depth (thickness)	mOD	Legend
					Black TARMAC (MADE GROUND)	(0.10) 0.10	11.90	
0.30	ES				(Probably medium dense) dark grey mottled brown silty sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND)			
0.60	ES					(1.40)		
1.00	D					1.0		
1.10 - 1.40	B							
1.50	D				(Probably medium dense) light brown mottled brown fine SAND with occasional shell fragments. (BLOWN SAND).	1.50	10.50	
1.60 - 1.90	B					(0.60)		
2.00	D					2.0		
					End of Trialpit at 2.100m	2.10	9.90	
						3.0		
						4.0		

Weather and environmental conditions:

1. Sunny and windy

Other comments:

1. Co-ordinates and ground levels of investigation points obtained by a GNS3 GPS (Geode).
2. Service plans reviewed and area CAT scanned prior to excavation.
3. Upon completion trial pit backfilled with arisings and the surface tarmac reinstated.
4. No groundwater encountered.
5. Trial pit terminated at 2.10m to conduct infiltration testing.