

Consulting Engineers | Geologists | Environmental Scientists

Client:
Neath Port Talbot Council

Project No:
9222

Ground Level:	12.00 mOD
Easting:	273275 m
Northing:	191195 m

WS101

Driller:	SGT-CJ
Logged by:	ESP-AC
Date logged:	04/03/2025

[illegible]

Progress & Standing Water Levels					Water Strikes							Chiselling			Hole Diameter		Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
															3.00		110	3.00

General Remarks	
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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 breaking ground. Hand excavated service inspection pit dug to 1.2m depth.
3. No groundwater encountered.
4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00m and 3.00m.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Project Name:
Sandfields Young Business Centre

Site Location:
Port Talbot

Client:
Neath Port Talbot Council

Project No:
9222

Drilling method
Window Sampler

Equipment
Terrier Dart

Ground Level: 12.00 mOD

Easting: 273268 m

Northing: 191181 m

Start date: 04/03/2025

End date: 04/03/2025

Backfill date: 04/03/2025

Driller: SGT-CJ

Logged by: ESP-AC

Date logged: 04/03/2025

WS102

Depth	Sample		Test Details		Water Depth	Casing Depth	Strata Details			Legend	Water Strikes/ Standing	Depth		Backfill/ Install- ations
	Type	Class	Type	Result			Description	Depth (Thickness)	mOD					
0.30	ES						Black TARMAC (MADE GROUND) (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)					(0.09) 0.09	11.91	
0.60	ES											(1.11)		
1.00	D											1		
1.20 - 2.00	B D		SPT	15 (7 for 0mm/15 for 0mm)	1.20		Medium dense dark grey mottled brown 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)					1.20 (0.20)	10.80	
1.30												1.40	10.60	
1.70	D						Medium dense light brown mottled brown fine SAND with occasional shell fragments and lenses of clay. (BLOWN SAND).					2		
2.00 - 3.00	B		SPT	21 (11 for 0mm/21 for 0mm)	2.00							(1.60)		
2.50	D													
			SPT	36 (14 for 0mm/36 for 0mm)	2.80		End of Borehole at 2.800m					3.00	9.00	
												4		

Progress & Standing Water Levels					Water Strikes						Chiselling			Hole Diameter		Casing Diameter		
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
															2.80		110	2.80

General Remarks

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 breaking ground. Hand excavated service inspection pit dug to 1.2m depth.

3. No groundwater encountered.

4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00 and 2.80m.

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Project Name:

Sandfields Young Business Centre

Site Location:

Port Talbot

Client:

Neath Port Talbot Council

Project No:

9222

Drilling method

Window Sampler

Equipment

Terrier Dart

Ground Level:

12.00 mOD

Easting:

273245 m

Northing:

191160 m

Start date:

04/03/2025

End date:

04/03/2025

Backfill date:

04/03/2025

Driller:

SGT-CJ

Logged by:

ESP-AC

Date logged:

04/03/2025

WS103

Depth	Sample		Test Details		Water Depth	Casing Depth	Strata Details		Water Strikes/ Standing	Depth		Backfill/ Install- ations
	Type	Class	Type	Result			Description	Legend		Depth (Thickness)	mOD	
0.30	ES						Grass over (probably soft) dark brown mottled brown slightly clayey silty fine SAND. (MADE GROUND / PLACED TOPSOIL)			(0.10) 0.10	11.90	
0.60	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)			(1.00)		
1.00	D									1		
1.20 - 2.00	B		SPT	47 (12 for 0mm/47 for 0mm)	1.20		Dense dark grey mottled brown silty gravelly fine SAND with medium cobble content. Gravel is angular to sub angular fine to coarse slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND)			1.10 (0.30)	10.90	
1.50	D						Dense light brown mottled brown fine SAND with frequent lenses of clay and occasional shell fragments. (BLOWN SAND).			1.40 (0.60)	10.60	
			SPT	50 (7 for 0mm/50 for 0mm)	2.00		End of Borehole at 2.000m			2.00	10.00	
										3		
										4		

Progress & Standing Water Levels					Water Strikes							Chiselling			Hole Diameter		Casing Diameter	
Date	Time	Hole Depth	Casing Depth	Water Depth	Date	Time	Strike Depth	Casing Depth	Elapsed Minutes	Depth to Water	Depth Sealed	Depth Top	Depth Base	Duration	Hole Depth	Hole Diameter	Casing Diameter	Casing Depth
															2.00		110	2.00

General Remarks

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 breaking ground. Hand excavated service inspection pit dug to 1.2m depth.

3. No groundwater encountered.

4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00 and 1.80m.