

Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

Project Name:

Land Adjacent to 27 Heol Tabor

Site Location:

Cwmafan

Client:

Mr Camps

Project No:

8144

Excavation date:

08/12/2022

Backfill date:

08/12/2022

Logged by:

ESP-AB

Plan details:

0.60

Face B

Face A

Face C

0.50

Excavation method/plant:

Hand Tools.

Shoring/support:

None

Groundwater observations:

None

Face Stability:

Stable.

Survey details:

Ground Level:

79.0 mOD

Easting:

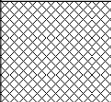
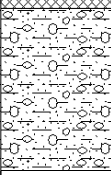
278398 mOD

Northing:

192816 mOD

Bearing:

HP01

Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.20	ES				Dense, black to dark brown, very gravelly silty SAND with low cobble content. Sand is fine to coarse, gravel is fine to medium subangular to angular consisting of sandstone, brick, slag and concrete. Concrete and slag cobbles are angular to subangular measuring up to 140mm. (MADE GROUND). Stiff to very stiff orange-brown gravelly sandy CLAY with moderate cobble and low boulder content. Sand is fine to coarse, gravel is fine to coarse subangular to angular consisting of sandstone and fine coal. Sandstone cobbles and boulders are angular measuring up to 220mm. Coal dust present as soft clay. (POSSIBLE GRADE E WEATHERED UPPER COAL MEASURES BEDROCK). End of Trialpit at 0.750m	(0.30)	78.70		
0.30	D					0.30			
0.50	D					(0.45)			
0.60	D					0.75		78.25	
						1.0			
						2.0			
						3.0			

Weather and environmental conditions:

1. Dry

Other comments:

1. Position scanned with CAT and Genny before breaking ground.
2. Hand Pit excavated to take environmental samples and establish shallow ground conditions.
3. Hand pit terminated at 0.75m as sufficient progress into natural soils was achieved.
4. Hand Pit immediately backfilled with arisings upon logging and sampling.

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools.		Shoring/support: None		HP04		
Project Name: Land Adjacent to 27 Heol Tabor				Excavation date: 08/12/2022		Plan details: 				
Site Location: Cwmafan				Backfill date: 08/12/2022						
Client: Mr Camps				Logged by: ESP-AB						
Project No: 8144				Face Stability: Stable.		Groundwater observations: None				
Survey details: Ground Level: 80.0 mOD Easting: 278370 mOD Northing: 192821 mOD Bearing:										
Depth		Sample		Test Details		Strata Details				
m		Type	Class	Type	Result	Description		Depth (thickness)	mOD	Legend
						Firm dark brown gravelly sandy SILT. Sand is fine to coarse, gravel is fine to coarse subrounded to subangular consisting of concrete and sandstone. Abundant rootlets and buried branches. (MADE GROUND - POSSIBLE PLACED TOPSOIL).		(0.20)	79.80	
						Very dense black mottled grey very gravelly silty SAND with moderate cobble and boulder content. Sand is fine to coarse, gravel is fine to medium subangular to angular consisting of sandstone, brick, slag and concrete. Concrete and slag cobbles are angular to subangular measuring up to 185mm. Concrete boulders are angular to subangular measuring up tp 220mm. Whole bricks present. (MADE GROUND - POSSIBLE FOOTING).		(0.40)	79.40	
						End of Trialpit at 0.600m		0.60		
								1.0		
								2.0		
								3.0		
Weather and environmental conditions:										
1. Dry										
Other comments:										
1. Position scanned with CAT and Genny before breaking ground. 2. Hand Pit excavated to take environmental samples and establish shallow ground conditions. 3. Hand pit terminated at 0.6m due to the presence of dense soils. 4. Hand Pit immediately backfilled with arisings upon logging and sampling.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools.		Shoring/support: None		HP04a		
Project Name: Land Adjacent to 27 Heol Tabor Site Location: Cwmafan Client: Mr Camps Project No: 8144				Excavation date: 08/12/2022 Backfill date: 08/12/2022 Logged by: ESP-AB						
Survey details: Ground Level: 80.0 mOD Easting: 278369 mOD Northing: 192820 mOD Bearing:				Plan details:		Face Stability: Stable.		Groundwater observations: None		
Depth		Sample		Test Details		Strata Details				
m		Type	Class	Type	Result	Description		Depth (thickness)	mOD	Legend
0.10		ES				Firm dark brown gravelly sandy SILT. Sand is fine to coarse, gravel is fine to coarse subrounded to subangular consisting of concrete and sandstone. Abundant rootlets and buried branches. (MADE GROUND - POSSIBLE PLACED TOPSOIL).		(0.10)	79.90	
0.30		ES				Dense black very gravelly silty SAND with moderate cobble content.		(0.50)		
0.40		D				Sand is fine to coarse, gravel is fine to medium subangular to angular consisting of sandstone, brick, slag, tar and concrete. Tar and slag cobbles are angular to subangular measuring up to 130mm. Metal and glass fragments, plastic and fabric present.				
0.50		D				(MADE GROUND).		0.60	79.40	
						End of Trialpit at 0.600m				
								1.0		
								2.0		
								3.0		
Weather and environmental conditions: 1. Dry										
Other comments: 1. Position scanned with CAT and Genny before breaking ground. 2. Hand Pit excavated to take environmental samples and establish shallow ground conditions. 3. Hand pit terminated at 0.6m due to the presence of a pastic pipe at base of pit. 4. Hand Pit immediately backfilled with arisings upon logging and sampling.										