

Appendix D

Hand Pit Records

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y37							
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053				Excavation date: 13/04/2022 Backfill date: 13/04/2022 Logged by: ESP-AB											
Survey details: Ground Level: 313.0 mOD Easting: 195186 mOD Northing: 285973 mOD Bearing:				Plan details: 0.45 Face B 0.50 Face C Face A		Face Stability: Stable		Groundwater observations: Groundwater ingress at 0.3m depth, water did not rise.							
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Depth (thickness) mOD Legend									
0.80		B		PID		0.40		Grass over; soft, dark grey clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL)		(0.20)		312.80			
1.00		B		PID		0.60		Brown, spongy, very compressible, slightly wet with muddy water released on compression, strong odour, pseudo-fibrous PEAT. Abundant brown to black plant remains present. (PEAT)		(1.00)					
								End of Trialpit at 1.200m		1.20		311.80			
										2.0					
										3.0					
Weather and environmental conditions: 1. Scattered Showers															
Other comments: 1. Coordinates obtained using hand-held GPS unit and are approximate only, ground level obtained using topographic survey. 2. Trial pit excavated to a depth of 1.2m to establish ground conditions and obtain samples. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit terminated at 1.2m depth. 5. Trial pit backfilled with arisings upon completion.															

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y39	
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053				Excavation date: 13/04/2022 Backfill date: 13/04/2022 Logged by: ESP-AB					
Survey details: Ground Level: 310.0 mOD Easting: 195261 mOD Northing: 286016 mOD Bearing:				Plan details: 0.45 Face B Face A 0.50 Face C		Face Stability: Stable		Groundwater observations: Groundwater ingress at 0.4m depth, water did not rise.	
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.50	B		PID	0.50	Grass over; dark grey, clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. Weak to no odour. Rare plant remains including decomposing branches present. (ORGANIC RICH TOPSOIL)	(0.10) 0.10	309.90		
					Brown, very compressible, wet with muddy water released on compression, moderate odour, fibrous PEAT. Abundant brown to black plant remains. (PEAT)	(1.10)			
1.10	B		PID	0.40		1.0			
					End of Trialpit at 1.200m	1.20	308.80		
						2.0			
						3.0			
Weather and environmental conditions: 1. Scattered Showers									
Other comments: 1. Coordinates obtained using hand-held GPS unit and are approximate only, ground level obtained using topographic survey. 2. Trial pit excavated to a depth of 1.2m to establish ground conditions and obtain samples. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit terminated at 1.2m depth. 5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y40				
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053			Excavation date: 13/04/2022 Backfill date: 13/04/2022 Logged by: ESP-AB		Plan details: 0.45 Face B 0.50 Face C Face A				Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Survey details: Ground Level: 310.0 mOD Easting: 195235 mOD Northing: 286058 mOD Bearing:												
Depth		Sample		Test Details		Strata Details						
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend				
0.70	B		PID	0.20	Grass over; dark grey clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL)	(0.10)	309.90					
						0.10						
0.90	B		PID	0.20	Dark brown, very compressible, very wet with muddy water released on compression, laminations present 1mm thick, relict sphagnum moss present, strong odour pseudo-fibrous PEAT. Abundant brown to black plant remains present. (PEAT)	(1.00)						
					Brown clayey sandy GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse rounded to angular consisting of sandstone. Sandstone cobbles are angular to subangular measuring up to 120mm. (GRADE IV RHONDDA MEMBER).	1.10	308.90					
						(0.10)	308.80					
						1.20						
					End of Trialpit at 1.200m							
						2.0						
						3.0						
Weather and environmental conditions: 1. Scattered Showers												
Other comments: 1. Coordinates obtained using hand-held GPS unit and are approximate only, ground level obtained using topographic survey. 2. Trial pit excavated to a depth of 1.2m to establish ground conditions and obtain samples. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit terminated at 1.2m depth. 5. Trial pit backfilled with arisings upon completion.												

