

Appendix G Hand Excavated Trial Pit Records

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y01	
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053				Excavation date: 27/05/2022 Backfill date: 27/05/2022 Logged by: ESP-AB					
Survey details: Ground Level: 293.2 mOD Easting: 284967 mOD Northing: 195224 mOD Bearing:				Plan details: 0.50 Face B 0.50 Face C Face A		Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Depth (thickness) mOD Legend			
0.20		ES		PID		0.30		Grass over; soft, brown clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. No odour. (TOPSOIL) (0.20) 293.00	
0.40		ES		PID		0.10		Firm, brown, gravelly sandy clayey SILT with low cobble content. Sand is fine to coarse, gravel is fine to coarse angular to subangular consisting of Sandstone. Sandstone cobbles are strong angular measuring up to 140mm. (GRADE V RHONDDA MEMBER). (0.20) 292.80	
								End of Trialpit at 0.400m 1.0 2.0 3.0	
Weather and environmental conditions: 1. Warm, Dry									
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 0.4m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.4m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y02	
Project Name: Afan Valley Resort			Excavation date: 06/05/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 06/05/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details:						
Survey details: Ground Level: 297.5 mOD Easting: 284840 mOD Northing: 195397 mOD Bearing:			0.50 Face B Face A Face C 0.50			Face Stability: Stable			
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.20	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)	(0.10) 0.10	297.40		
0.30	ES		PID	0.10	Medium dense, grey mottled brown, sandy silty fine to coarse angular to subangular sandstone GRAVEL with low cobble content. Sand is fine to coarse. Sandstone cobbles are strong, subrounded measuring up to 180mm. (GRADE IV RHONDDA MEMBER). End of Trialpit at 0.300m	(0.20) 0.30	297.20		
						1.0			
						2.0			
						3.0			
Weather and environmental conditions:									
1. Warm, Dry									
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 0.3m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.3m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y03				
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053			Excavation date: 06/05/2022 Backfill date: 06/05/2022 Logged by: ESP-AB		Plan details: 0.50 Face B 0.50 Face C Face A				Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Survey details: Ground Level: 308.9 mOD Easting: 285002 mOD Northing: 195389 mOD Bearing:												
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Depth (thickness) mOD Legend						
0.10		ES		PID		0.50		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) (0.10) 308.80				
0.30		ES		PID		0.10		Medium dense, grey mottled orange, gravelly silty fine to coarse SAND with low cobble content. Gravel is fine to coarse subangular to subrounded consisting of sandstone. Sandstone cobbles are strong, subrounded measuring up to 120mm. (GRADE IV RHONDDA MEMBER). (0.20) 308.60				
								End of Trialpit at 0.300m				
								1.0				
								2.0				
								3.0				
Weather and environmental conditions: 1. Warm, Dry												
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 0.3m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.3m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.												

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y05	
Project Name: Afan Valley Resort			Excavation date: 27/05/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 27/05/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 0.50 Face B Face A Face C 0.50						
Survey details: Ground Level: 227.0 mOD Easting: 284739 mOD Northing: 195669 mOD Bearing:			Face Stability: Stable						
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.50	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)	(0.10) 0.10	226.90		
0.30	ES		PID	0.10	Medium dense, brown mottled grey, sandy silty fine to coarse angular to subangular sandstone GRAVEL with low cobble content. Sand is fine to coarse. Sandstone cobbles are strong, angular measuring up to 70mm. (GRADE IV RHONDDA MEMBER).	(0.20) 0.30	226.70		
End of Trialpit at 0.300m									
Weather and environmental conditions:									
1. Warm, Dry									
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 0.3m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.3m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y06		
Project Name: Afan Valley Resort			Excavation date: 06/05/2022			Groundwater observations: Groundwater not encountered.				
Site Location: Cymmer			Backfill date: 06/05/2022							
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB							
Project No: 8053			Plan details: 0.50 Face B Face A Face C 0.50							
Survey details: Ground Level: 284.1 mOD Easting: 285078 mOD Northing: 195560 mOD Bearing:			Face Stability: Stable							
Depth		Sample		Test Details		Strata Details				
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend		
0.10	ES		PID	0.10	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)	(0.15) 0.15	283.95			
0.30	ES		PID	0.10	Medium dense, grey mottled orange, gravelly silty fine to coarse SAND. Gravel is fine to coarse subangular to subrounded consisting of sandstone. (GRADE IV RHONDDA MEMBER).	(0.25) 0.40	283.70			
End of Trialpit at 0.400m										
Weather and environmental conditions:										
1. Warm, Dry										
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 0.4m to establish ground conditions and undertake geo-environmental sampling.										
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.										
4. Trial pit concluded at 0.4m on weathered bedrock.										
5. Trial pit backfilled with arisings upon completion.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y07		
Project Name: Afan Valley Resort			Excavation date: 05/05/2022			Groundwater observations: Groundwater not encountered.				
Site Location: Cymmer			Backfill date: 05/05/2022							
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB							
Project No: 8053			Plan details: 0.50 Face B 0.50 Face C Face A							
Survey details: Ground Level: 266.7 mOD Easting: 284995 mOD Northing: 195646 mOD Bearing:			Face Stability: Stable							
Depth		Sample		Test Details		Strata Details				
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend		
0.10	ES		PID	0.50	Soft, dark grey clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL)	(0.15)	266.55			
0.30	ES		PID	0.20	Firm, grey, gravelly sandy clayey SILT with low cobble content. Sand is fine to coarse, gravel is fine to coarse angular to subrounded consisting of Sandstone. Sandstone cobbles are angular measuring up to 190mm. (GRADE V RHONDDA MEMBER).	(0.25)	266.30			
End of Trialpit at 0.400m										
						1.0				
						2.0				
						3.0				
Weather and environmental conditions:										
1. Warm, Dry										
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 0.4m to establish ground conditions and undertake geo-environmental sampling.										
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.										
4. Trial pit concluded at 0.4m on weathered bedrock.										
5. Trial pit backfilled with arisings upon completion.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y08	
Project Name: Afan Valley Resort			Excavation date: 27/05/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 27/05/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 0.50 Face B Face A Face C 0.50						
Survey details: Ground Level: 221.5 mOD Easting: 284858 mOD Northing: 195807 mOD Bearing:			Face Stability: Stable						
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.30	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)	221.30		
0.40	ES		PID	0.20	Medium dense, orange brown, sandy silty fine to coarse subangular to subrounded sandstone GRAVEL with low cobble and boulder content. Sand is fine to coarse. Sandstone cobbles are subangular measuring up to 150mm. Sandstone boulders are angular to subangular measuring up to 220mm. (GRADE IV RHONDDA MEMBER).	(0.20)	221.10		
						End of Trialpit at 0.400m			
						1.0			
						2.0			
						3.0			
Weather and environmental conditions:									
1. Warm, Dry									
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 0.4m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.4m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y10				
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053			Excavation date: 05/05/2022 Backfill date: 05/05/2022 Logged by: ESP-AB		Plan details: 0.50 Face B 0.50 Face C Face A				Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Survey details: Ground Level: 226.9 mOD Easting: 284977 mOD Northing: 195984 mOD Bearing:												
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Depth (thickness) mOD Legend						
0.05		ES		PID		0.30		Grass over; soft, brown clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. No odour. (TOPSOIL) (0.10) 226.80				
0.20		ES		PID		0.10		Firm, dark brown, gravelly sandy SILT with low cobble content. Sand is fine to coarse, gravel is fine to coarse angular to subrounded consisting of Sandstone. Sandstone cobbles are angular measuring up to 65mm. (GRADE V RHONDDA MEMBER). (0.20) 226.60				
								End of Trialpit at 0.300m 1.0 2.0 3.0				
Weather and environmental conditions: 1. Warm, Dry												
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 0.3m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.3m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.												

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y12		
Project Name: Afan Valley Resort			Excavation date: 05/05/2022			Groundwater observations: Groundwater not encountered.				
Site Location: Cymmer			Backfill date: 05/05/2022							
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB							
Project No: 8053			Plan details: 0.50 Face B 0.50 Face C Face A							
Survey details: Ground Level: 239.1 mOD Easting: 285125 mOD Northing: 196188 mOD Bearing:			Face Stability: Stable							
Depth		Sample		Test Details		Strata Details				
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend		
0.10	ES		PID	0.20	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)	238.90			
0.30	ES		PID	0.10	Dense, grey, sandy fine to coarse angular to subrounded sandstone GRAVEL with high cobble and boulder content. Sand is fine to coarse. Sandstone cobbles are strong subangular measuring up to 190mm. Sandstone boulders are strong angular to subangular up to 470mm. (GRADE III RHONDDA MEMBER).	0.20 (0.15) 0.35	238.75			
					End of Trialpit at 0.350m					
						1.0				
						2.0				
						3.0				
Weather and environmental conditions:										
1. Warm, Dry										
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 0.35m to establish ground conditions and undertake geo-environmental sampling.										
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.										
4. Trial pit concluded at 0.35m on weathered bedrock.										
5. Trial pit backfilled with arisings upon completion.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y13	
Project Name: Afan Valley Resort			Excavation date: 05/05/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 05/05/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 0.50 Face B 0.50 Face C Face A						
Survey details: Ground Level: 250.5 mOD Easting: 285312 mOD Northing: 196039 mOD Bearing:			Face Stability: Stable						
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.40	Grass over; soft, brown clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. No odour. (TOPSOIL)	(0.15)	250.35		
0.30	ES		PID	0.00	Medium dense, orange brown, gravelly silty fine to coarse SAND with low cobble and boulder content. Gravel is fine to coarse subangular to subrounded consisting of sandstone. Sandstone cobbles are subangular measuring up to 175mm. Sandstone boulders are angular to subangular measuring up to 260mm. (GRADE IV RHONDDA MEMBER).	(0.25)	250.10		
						End of Trialpit at 0.400m			
						1.0			
						2.0			
						3.0			
Weather and environmental conditions:									
1. Warm, Dry									
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 0.4m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.4m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists						Excavation method/plant: Hand Tools		Shoring/support: None		Y14															
Project Name:Afan Valley Resort Site Location:Cymmer Wildfox Resorts - Afan Valley Client:Valley Project No.:8053							Excavation date:05/05/2022Backfill date:05/05/2022Logged by:ESP-AB																		
Survey details: Ground Level:269.1 mOD Easting:285239 mOD Northing:195878 mOD Bearing:							Plan details: Face A↕ ↑ Face B←→ 0.50 Face C↖↗ ↓ 0.50					Face Stability: Stable					Groundwater observations: Groundwater not encountered.								
Depth		Sample		Test Details			Strata Details																		
m	Type	Class	Type	Result		Description	Depth (thickness)	mOD	Legend																
0.20	ES		PID	0.30		Grass over; soft, brown clayey SILT with abundant rootlets. Moderately compressible with no water released on compression. No odour. (TOPSOIL)	(0.25)	268.85																	
0.40	ES		PID	0.20		Orange brown gravelly sandy clayey SILT. Sand is fine to coarse. Gravel is fine to coarse angular to subangular consisting of sandstone and mudstone. (GRADE IV RHONDDA MEMBER).	(0.20)																		
							End of Trialpit at 0.450m	0.45	268.65																
								1.0																	
								2.0																	
								3.0																	
Weather and environmental conditions: 1. Warm, Dry																									
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 0.45m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.45m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.																									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y16				
Project Name: Afan Valley Resort Site Location: Cymmer Client: Wildfox Resorts - Afan Valley Project No: 8053			Excavation date: 14/04/2022 Backfill date: 14/04/2022 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: 280.8 mOD Easting: 285352 mOD Northing: 195799 mOD Bearing:												
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description 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) Medium dense, brown mottled orange sandy clayey silty fine to coarse angular to subangular sandstone GRAVEL with low cobble content. Sand is fine to coarse. Sandstone cobbles are subangular measuring up to 90mm. (GRADE III RHONDDA MEMBER). End of Trialpit at 0.350m Depth (thickness) (0.10) 0.10 (0.25) 0.35 1.0 2.0 3.0 mOD 280.70 280.45 Legend						
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 0.35m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.35m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.												

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y17	
Project Name: Afan Valley Resort			Excavation date: 05/05/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 05/05/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 0.50 Face B Face A Face C 0.50						
Survey details: Ground Level: 289.2 mOD Easting: 285230 mOD Northing: 195712 mOD Bearing:			Face Stability: Stable						
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.20	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)	(0.15)	289.05		
0.30	ES		PID	0.00	Medium dense, brown silty gravelly fine to coarse SAND. Sand is fine to coarse. Gravel is fine to coarse angular to subangular consisting of sandstone. (GRADE IV RHONDDA MEMBER).	(0.25)	288.80		
End of Trialpit at 0.400m									
						1.0			
						2.0			
						3.0			
Weather and environmental conditions:									
1. Warm, Dry									
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 0.4m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.4m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

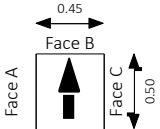
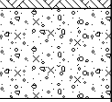
Earth Science Partnership Consulting Engineers Geologists Environmental Scientists						Excavation method/plant: Hand Tools		Shoring/support: None		Y19										
Project Name: Afan Valley Resort Site Location: Cymmer Wildfox Resorts - Afan Valley Client: Valley Project No: 8053							Excavation date: 14/04/2022 Backfill date: 14/04/2022 Logged by: ESP-AB													
Survey details: Ground Level: 321.8 mOD Easting: 285394 mOD Northing: 195328 mOD Bearing:							Plan details: Face A Face B Face C 0.45 0.50				Face Stability: Stable				Groundwater observations: Groundwater not encountered.					
Depth			Sample		Test Details		Strata Details													
m			Type		Class		Type		Result		Description					Depth (thickness)	mOD	Legend		
0.10			ES				PID		0.00		Grass over; soft, dark grey clayey SILT with abundant rootlets. Slightly compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL) 					(0.15) 0.15	321.65	[Pattern]		
0.30			ES				PID		0.00		Dense, dark blueish grey clayey sandy fine to coarse rounded to angular sandstone GRAVEL with medium cobble content. Sand is fine to coarse. Sandstone cobbles are angular to subangular measuring up to 150mm. (GRADE III RHONDDA MEMBER). End of Trialpit at 0.350m					(0.20) 0.35	321.45	[Pattern]		
																1.0				
																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 0.35m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.35m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.																				

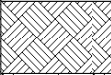
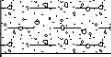
Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y20	
Project Name: Afan Valley Resort				Excavation date: 14/04/2022					
Site Location: Cymmer				Backfill date: 14/04/2022					
Client: Wildfox Resorts - Afan Valley				Logged by: ESP-AB					
Project No: 8053				Plan details: 0.45 Face B 0.50 Face C Face A		Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Survey details: Ground Level: 299.1 mOD Easting: 285458 mOD Northing: 195473 mOD Bearing:									
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.15	ES		PID	0.20	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)	298.90		
0.30	ES		PID	0.10	Medium dense, grey mottled brown gravelly silty clayey fine to coarse SAND with low cobble content. Gravel is fine to coarse subangular to subrounded consisting of sandstone. Sandstone cobbles are subangular measuring up to 130mm. (GRADE IV RHONDDA MEMBER).	(0.30)	298.60		
					End of Trialpit at 0.500m	0.50			
						1.0			
						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 0.5m to establish ground conditions and undertake geo-environmental sampling.									
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.									
4. Trial pit concluded at 0.50m on weathered bedrock.									
5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y22		
Project Name: Afan Valley Resort			Excavation date: 14/04/2022			Groundwater observations: Groundwater not encountered.				
Site Location: Cymmer			Backfill date: 14/04/2022							
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB							
Project No: 8053										
Survey details: Ground Level: 252.1 mOD Easting: 285569 mOD Northing: 195761 mOD Bearing:			Plan details: 0.45 Face B 0.50 Face C Face A		Face Stability: Stable					
Depth		Sample		Test Details		Strata Details				
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend		
0.10	ES		PID	0.30	Grass over, loose, brown silty gravelly fine to coarse SAND with medium cobble content and low boulder content. Gravel is fine to coarse angular to subangular consisting of sandstone. Sandstone cobbles are subangular measuring up to 190mm. Sandstone boulders are angular measuring up to 210mm. (GRADE IV RHONDDA MEMBER).	(0.30)	251.80			
0.20	ES		PID	0.10		End of Trialpit at 0.300m				0.30
						1.0				
						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 0.3m to establish ground conditions and undertake geo-environmental sampling.										
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.										
4. Trial pit concluded at 0.3m on weathered bedrock.										
5. Trial pit backfilled with arisings upon completion.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y23						
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: 256.7 mOD Easting: 285671 mOD Northing: 195695 mOD Bearing:														
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Grass over; soft, dark grey clayey SILT with abundant rootlets. Slightly compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL) 0.20 ES PID 0.20 Description Firm, brown mottled orange gravelly sandy clayey SILT with low cobble content. Sand is fine to coarse. Gravel is fine to coarse angular to subangular consisting of sandstone. Sandstone cobbles are subangular measuring up to 85mm. (GRADE VI RHONDDA MEMBER). 0.50 ES PID 0.10 End of Trialpit at 0.600m						Depth (thickness) (0.40) 0.40 (0.20) 0.60 1.0 2.0 3.0	mOD 256.30 256.10	Legend
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 0.6m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.6m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.														

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y24		
Project Name: Afan Valley Resort			Excavation date: 14/04/2022			Groundwater observations: Groundwater not encountered.				
Site Location: Cymmer			Backfill date: 14/04/2022							
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB							
Project No: 8053			Plan details: 0.45 Face B 0.50 Face C Face A							
Survey details: Ground Level: 240.0 mOD Easting: 285753 mOD Northing: 195787 mOD Bearing:			Face Stability: Stable							
Depth		Sample		Test Details		Strata Details				
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend		
0.10	ES		PID	0.40	Grass over; soft, dark grey clayey SILT with abundant rootlets. Slightly compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL)	(0.15)	239.85			
0.30	ES		PID	0.20	Loose, yellowish brown gravelly fine to coarse SAND with medium cobble content and low boulder content. Gravel is fine to coarse angular to subrounded consisting of sandstone. Sandstone cobbles are subangular measuring up to 140mm. Sandstone boulders are angular measuring up to 220mm. (GRADE IV RHONDDA MEMBER).	(0.25)	239.60			
End of Trialpit at 0.400m										
						1.0				
						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 0.4m to establish ground conditions and undertake geo-environmental sampling.										
3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground.										
4. Trial pit concluded at 0.4m on weathered bedrock.										
5. Trial pit backfilled with arisings upon completion.										

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y25	
Project Name: Afan Valley Resort			Excavation date: 12/04/2022			Groundwater observations: Groundwater not encountered.			
Site Location: Cymmer			Backfill date: 12/04/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 						
Survey details: Ground Level: 244.4 mOD Easting: 285909 mOD Northing: 195793 mOD Bearing:			Face Stability: Stable						
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.00	Grass over; soft, dark grey clayey SILT with abundant rootlets. Slightly compressible with no water released on compression. Weak to no odour. (ORGANIC RICH TOPSOIL)	(0.15)	244.25		
0.40	ES		PID	0.30	Medium dense, brown mottled orange sandy silty clayey fine to coarse angular to subangular sandstone GRAVEL with low cobble content. Sand is fine to coarse. Sandstone cobbles are subangular measuring up to 160mm. (GRADE III RHONDDA MEMBER). End of Trialpit at 0.400m	(0.25) 0.40	244.00		
						1.0			
						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 0.4m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.4m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.									

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y27							
Project Name: Afan Valley Resort			Excavation date: 12/04/2022			Groundwater observations: Groundwater not encountered.									
Site Location: Cymmer Wildfox Resorts - Afan Valley			Backfill date: 12/04/2022												
Client: Valley			Logged by: ESP-AB												
Project No: 8053			Plan details: 0.45 Face B Face A Face C 0.50												
Survey details: Ground Level: 269.1 mOD Easting: 285853 mOD Northing: 195630 mOD Bearing:			Face Stability: Stable												
Depth m		Sample Type Class		Test Details Type Result		Strata Details Description Depth (thickness) mOD Legend									
0.10		ES		PID		0.20		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)		268.90			
0.30		ES		PID		0.20		Loose, yellowish brown gravelly fine to coarse SAND with medium cobble content. Gravel is fine to coarse angular to subrounded consisting of sandstone. Sandstone cobbles are subangular measuring up to 110mm. (GRADE IV RHONDDA MEMBER).		(0.15)		268.75			
								End of Trialpit at 0.350m							
										1.0					
										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 0.35m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.35m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.															

Earth Science Partnership Consulting Engineers Geologists Environmental Scientists				Excavation method/plant: Hand Tools		Shoring/support: None		Y28	
Project Name: Afan Valley Resort			Excavation date: 12/04/2022						
Site Location: Cymmer			Backfill date: 12/04/2022						
Client: Wildfox Resorts - Afan Valley			Logged by: ESP-AB						
Project No: 8053			Plan details: 0.45 Face B 0.50 Face C Face A			Face Stability: Stable		Groundwater observations: Groundwater not encountered.	
Survey details: Ground Level: 271.4 mOD Easting: 286063 mOD Northing: 195666 mOD Bearing:									
Depth		Sample		Test Details		Strata Details			
m	Type	Class	Type	Result	Description	Depth (thickness)	mOD	Legend	
0.10	ES		PID	0.30	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)	(0.15)	271.25		
0.35	ES		PID	0.40	Medium dense, yellowish brown gravelly fine to coarse SAND with medium cobble content and low boulder content. Gravel is fine to coarse angular to subrounded consisting of sandstone. Sandstone cobbles are subangular measuring up to 140mm. Sandstone boulders are angular measuring up to 200mm. (GRADE IV RHONDDA MEMBER).	(0.20)	271.05		
						End of Trialpit at 0.350m			
							1.0		
							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 0.35m to establish ground conditions and undertake geo-environmental sampling. 3. Service plans inspected and trial pit position scanned with CAT & Genny prior to breaking ground. 4. Trial pit concluded at 0.35m on weathered bedrock. 5. Trial pit backfilled with arisings upon completion.									