

APPENDIX I

GEOTECHNICAL LOGS AND PHOTOGRAPHS OF WINDOW SAMPLER PROBEHOLES



HEDD-FAN,
5 PONTBARN CLOSE,
PONTBARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

BLANDFORD CONSULTING

Geologists Working With The Environment....

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS1 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

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Geologists Working With The Environment....

Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No			Depth	Geological Description	
		From	To							
1		GL	1.00	75	26	0.20		MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular to sub-angular GRAVEL and COBBLE of grey sandstone.		
		1.00	2.00	15						
2					27	2.00	2.00	Soft dark brown medium and coarse angular to sub-angular gravelly and cobbly CLAY. (Boulder Clay)		
		2.00	3.00	80			2.55			
3							3.00	COAL: friable and bright.		
Borehole completed at 3.00m								Photographs Run 1Run 2Run 3 		
4										
5										
6										
7										
8										
9										
10										

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS2 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No			Depth	Geological Description	
		From	To							
1		GL	1.00	90	24	0.40		MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular to sub-angular GRAVEL and COBBLE of grey sandstone.		
		1.00	2.00	60						
2		2.00	3.00	45	25	2.50	2.45	Soft dark brown gravelly and cobbly CLAY. Lenses of coal sand throughout. (Boulder Clay)		
							3.00			
Borehole completed at 3.00m										
4								Photographs Run 1Run 2Run 3 		
5										
6										
7										
8										
9										
10										

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS3 Sheet 1 of 1

Final Depth: 1.80m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25
		Depth(m)		Recovery (%)	No			Depth	
		From	To						
1		GL	1.00	90	16	0.20			MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone.
					17	0.70			
		1.00	2.00	60					
							1.80		
2									
Borehole refused at 1.80m									
3									
4									
5									
6									
7									
8									
9									
10									

Photographs

Run 1

Run 2

Run 3



Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS4 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



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5 PONTSARN CLOSE,
PONTSARN,
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SOUTH WALES,
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Depth	Water Depth	Run			Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No	Depth			Geological Description		
		From	To								
1		GL	1.00	80	21	0.30			MADE GROUND: Compact, grey very dark grey and black, clayey sandy, fine medium and coarse angular to sub-angular GRAVEL and COBBLE of grey sandstone with lenses of coal sand at intervals throughout.		
		1.00	2.00	80	22	1.00					
		2.00	3.00	90	23	2.00					
3							3.00				
Borehole completed at 3.00m											
4								Photographs			
								Run 1	Run 2	Run 3	
5											
6											
7											
8											
9											
10											

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS5 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
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SOUTH WALES,
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Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No			Depth	Geological Description	
		From	To							
1	---	GL	1.00	85	18	0.50	---	MADE GROUND: Compact, brown and dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular and sub-rounded GRAVEL and COBBLE of grey sandstone. Clay band 1.15m to 1.45m.		
		1.00	2.00	90	19	1.10				
					20	1.50				
2	---	2.00	3.00	90			1.95	MADE GROUND: Fairly compact very dark grey clayey GRAVEL. Gravel is fine medium and coarse angular to sub-angular grey sandstone and brick. Much coal sand throughout.		
3	---						3.00			
Borehole completed at 3.00m										
4	---							Photographs Run 1Run 2Run 3 		
5	---									
6	---									
7	---									
8										
9										
10										

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS6 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25												
		Depth(m)		Recovery (%)	No			Geological Description													
		From	To																		
1		GL	1.00	100	14	0.30	MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone. Clay band 0.30m to 0.60m.														
					15	0.70															
2		1.00	2.00	40																	
3		2.00	3.00	15																	
4																					
5																					
6																					
7																					
8																					
9																					
10																					
Borehole completed at 3.00m																					
4							Photographs Run 1Run 2Run 3 														
5																					
6																					
7																					
8																					
9																					
10																					

Remarks:

Groundwater Strikes:

Other:

Clay band moist,
Wet at 2.90m

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS7 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No			Depth	Geological Description	
		From	To							
1		GL	1.00	75	28	0.60		MADE GROUND: Cement, loose light grey sand.		
2		1.00	2.00	15				MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone.		
3		2.00	3.00	80	29	2.85	2.90 3.00	Soft dark brown CLAY. (Boulder Clay).		
Borehole completed at 3.00m								Photographs		
4								Run 1	Run 2	
5										
6										
7										
8										
9										
10										

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS8 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



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5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Geologists Working With The Environment....

Depth	Water Depth	Run			Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25
		Depth(m)		Recovery (%)	No	Depth				
		From	To							
1		GL	1.00	90	10	0.60		MADE GROUND: Compact, brown and dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded to rounded GRAVEL and COBBLE of grey sandstone.		
		1.00	2.00	60	11	1.20	1.60			
						12	1.70			
2		2.00	3.00	45				MADE GROUND: Fairly compact very dark grey clayey GRAVEL. Gravel is fine medium and coarse angular, sub-angular and sub-rounded grey sandstone and brick. Coal sand below 2.80m.		
3							3.00			
Borehole completed at 3.00m										
4								Photographs Run 1Run 2Run 3 		
5										
6										
7										
8										
9										
10										

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS9 Sheet 1 of 1

Final Depth: 1.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
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Depth	Water Depth	Run			Samples		Horizon Depth	Legend	Date Commenced: 19/05/25		Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No	Depth			Geological Description			
		From	To									
1		GL	1.00	95	13	0.60	1.00		MADE GROUND: Compact, dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone.			
Borehole refused and collapsed at 1.00m												
2									Photographs Run 1Run 2Run 3 			
3												
4												
5												
6												
7												
8												
9												
10												

Remarks: *Groundwater Strikes:* *Other:*

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS10 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

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Geologists Working With The Environment....

Depth	Water Depth	Run			Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25	
		Depth(m)		Recovery (%)	No	Depth			Geological Description		
		From	To								
1		GL	1.00	95	7	0.40		MADE GROUND: Compact, very dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone.			
		1.00	2.00	65	8	1.20					
2					9	1.80	2.00	MADE GROUND: Soft dark grey gravelly CLAY. Gravel is fine medium and coarse angular to sub-angular grey sandstone and brick. Occasional coal sand and wood fragments.			
		2.00	3.00	80							
3							3.00				
Borehole completed at 3.00m											
4									Photographs Run 1Run 2Run 3 		
5											
6											
7											
8											
9											
10											

Remarks:

Groundwater Strikes:

Moist from 2.50m

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS11 Sheet 1 of 1

Final Depth: 3.00m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

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Geologists Working With The Environment....

Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25		
		Depth(m)		Recovery (%)	No			Depth	Geological Description		
		From	To								
1	---	GL	1.00	85	1	0.40	0.85	MADE GROUND: Compact, brown and dark brown, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded to rounded GRAVEL and COBBLE of grey sandstone.			
		1.00	2.00	55	2	1.00	1.85	MADE GROUND: Soft to slightly firm gravelly CLAY. Gravel is fine medium and coarse angular to sub-angular grey sandstone. Occasional coal sand.			
2	---	2.00	3.00	85	3	2.00	---	Soft brown, gravelly CLAY, gravel is fine and medium, sub-angular to angular grey sandstone. (Boulder Clay).			
3	---	3.00									
Borehole completed at 3.00m											
4	---							Photographs			
								Run 1	Run 2		
5	---							Run 3			
6	---										
7	---										
8	---										
9	---										
10	---										

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

PROJECT: Abergarwed Farm

CLIENT: ASW Scaffolding Ltd.

WS12 Sheet 1 of 1

Final Depth: 1.80m **Hole Diameter:** 100mm & 75mm



HEDD-FAN,
5 PONTSARN CLOSE,
PONTSARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

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Geologists Working With The Environment....

Depth	Water Depth	Run		Samples		Horizon Depth	Legend	Date Commenced: 19/05/25	Date Completed: 19/05/25		
		Depth(m)		Recovery (%)	No			Depth	Geological Description		
		From	To								
1		GL	1.00	100	4	0.50	0.25	TOPSOIL: Loose, gravelly sand, gravel is fine and medium sub-angular sandstone. MADE GROUND: Compact, light grey, slightly clayey sandy, fine medium and coarse angular, sub-angular, sub-rounded and rounded GRAVEL and COBBLE of grey sandstone with brick fragment. Firm, brown, gravelly CLAY, gravel is fine and medium, sub-angular to angular grey sandstone with lenses of coal sand. (Boulder Clay).			
		1.00	2.00	100	5	1.10	1.20				
						6	1.50			1.80	
2								Photographs Run 1Run 2Run 3 			
Borehole terminated at 1.80m, refused on boulder											
3											
4											
5											
6											
7											
8											
9											
10											

Remarks:

Groundwater Strikes:

Other:

Engineer: Dr Malcolm Blandford

Contractor: South Wales Ground Testing

Report No: BC/MB/02.25.04.

APPENDIX II

LABORATORY TEST RESULTS



HEDD-FAN,
5 PONTBARN CLOSE,
PONTBARN,
MERTHYR TYDFIL,
SOUTH WALES,
CF48 2TW.

BLANDFORD CONSULTING

Geologists Working With The Environment....

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 25/05391
Issue Number: 1

Date: 10 June, 2025

Client: Blandford Consulting
Hedd fan
5 Pontsarn Close
Pontsarn
Merthyr Tydfil
Mid Glamorgan
UK
CF48 2TW

Project Manager: Malcolm Blanford, David Blandford
Project Name: Neath (Abergarwed Farm)
Project Ref: BC/MB/02.25.04
Order No: N/A
Date Samples Received: 22/05/25
Date Instructions Received: 23/05/25
Date Analysis Completed: 09/06/25

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/5	25/05391/6	25/05391/7	Units	Limit of Detection	Method ref
Client Sample No	S26	S27	S24	S25	S16	S17	S21			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.20	2.00	0.40	2.50	0.20	0.70	0.30			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	20-May-25	20-May-25	19-May-25	19-May-25	20-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL			
Sample Matrix Code	6AB	6AE	1A	5A	7	5AE	4A			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	7.89	8.02	8.92	6.48	8.49 ^U	7.95	8.32	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	<0.01	0.01	<0.01	0.04	<0.01 ^U	0.01	<0.01	g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	410	450	330	460	320 ^U	510	260	mg/kg	200	A-T-028s
Sulphur (total) _D	524	442	347	1360	229	1610	2240	mg/kg	50	A-T-024s
Cyanide (free) _A ^{M#}	<1	<1	<1	<1	<1 ^U	<1	<1	mg/kg	1	A-T-042sFCN
Cyanide (total) _A ^{M#}	<1	<1	<1	<1	<1 ^U	<1	<1	mg/kg	1	A-T-042sTCN
Thiocyanate _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-041s
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Sulphide _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-043-s
Arsenic _D ^{M#}	15	16	3	29	6 ^U	15	12	mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	<1.0	<1.0	<1.0	<1.0 ^U	<1.0	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5	0.6	<0.5	0.6	0.6 ^U	1.0	1.0	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	45	48	4	36	15 ^U	35	27	mg/kg	1	A-T-024s
Chromium _D ^{M#}	25	6	5	8	11 ^U	14	11	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	29	23	21	50	13 ^U	24	18	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	25	27	7	28	22 ^U	36	31	mg/kg	1	A-T-024s
Selenium _D ^{M#}	2	1	<1	<1	1 ^U	2	2	mg/kg	1	A-T-024s
Zinc _D ^{M#}	162	99	44	110	89 ^U	121	133	mg/kg	1	A-T-024s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/5	25/05391/6	25/05391/7	Units	Limit of Detection	Method ref
Client Sample No	S26	S27	S24	S25	S16	S17	S21			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.20	2.00	0.40	2.50	0.20	0.70	0.30			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	20-May-25	20-May-25	19-May-25	19-May-25	20-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL			
Sample Matrix Code	6AB	6AE	1A	5A	7	5AE	4A			
PAH-16MS										
Acenaphthene _A ^{M#}	0.09	<0.01	<0.01	0.05	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.04	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.29	<0.02	<0.02	0.06	<0.02 ^U	<0.02	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	2.42	<0.04	<0.04	0.23	<0.04 ^U	<0.04	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	2.01	<0.04	<0.04	0.17	<0.04 ^U	<0.04	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	2.74	<0.05	<0.05	0.26	<0.05 ^U	<0.05	0.07	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	1.14	<0.05	<0.05	0.11	<0.05 ^U	<0.05	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.91	<0.07	<0.07	<0.07	<0.07 ^U	<0.07	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	2.50	<0.06	<0.06	0.38	<0.06 ^U	<0.06	0.09	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.41	<0.04	<0.04	<0.04	<0.04 ^U	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	3.47	<0.08	<0.08	0.53	<0.08 ^U	<0.08	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.09	<0.01	<0.01	0.05	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	1.38	<0.03	<0.03	0.12	<0.03 ^U	<0.03	<0.03	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.03	<0.03	<0.03	0.09	<0.03 ^U	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.93	0.07	<0.03	0.44	<0.03 ^U	<0.03	0.09	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	2.36	<0.07	<0.07	0.35	<0.07 ^U	<0.07	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	20.8	<0.08	<0.08	2.84	<0.08 ^U	<0.08	0.25	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/5	25/05391/6	25/05391/7	Units	Limit of Detection	Method ref
Client Sample No	S26	S27	S24	S25	S16	S17	S21			
Client Sample ID	WS1	WS1	WS2	WS2	WS3	WS3	WS4			
Depth to Top	0.20	2.00	0.40	2.50	0.20	0.70	0.30			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	20-May-25	20-May-25	19-May-25	19-May-25	20-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL			
Sample Matrix Code	6AB	6AE	1A	5A	7	5AE	4A			
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<10	<10	<1	<10	<1	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<10	<10	<1	<10 ^U	<1	1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	11	26	<1	15 ^U	<1	1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	<1	13	32	3	20 ^U	<1	2	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	4	52	462	35	580 ^U	7	68	mg/kg	1	A-T-055s
Total Aliphatics _A	4	77	520	38	615	7	73	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<10	<10	<1	<10	<1	3	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	<10	<10	<1	<10	<1	3	mg/kg	1	A-T-055s
Aro >C12-C16 _A	<1	<10	28	2	18	<1	2	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	1	12	36	6	26 ^U	<1	4	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	2	19	268	18	304 ^U	2	30	mg/kg	1	A-T-055s
Total Aromatics _A	3	31	331	26	347	2	43	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	8	107	851	64	963	9	116	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12	25/05391/13	25/05391/14	Units	Limit of Detection	Method ref
Client Sample No	S22	S23	S18	S19	S20	S14	S15			
Client Sample ID	WS4	WS4	WS5	WS5	WS5	WS6	WS6			
Depth to Top	1.00	2.00	0.50	1.10	1.50	0.30	0.70			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4ABE	A=4AB	4A	5A	4AE	5A	1A			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	9.07	8.65	8.39	7.43	8.38	9.10	8.84	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	0.02	0.06	<0.01	<0.01	<0.01	0.08	<0.01	g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	340	470	<200	<200	<200	1700	400	mg/kg	200	A-T-028s
Sulphur (total) _D	1230	482	286	55	79	1110	515	mg/kg	50	A-T-024s
Cyanide (free) _A ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-042sFCN
Cyanide (total) _A ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-042sTCN
Thiocyanate _A	<5	<5	<5	<5	<5	6	<5	mg/kg	5	A-T-041s
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Sulphide _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-043-s
Arsenic _D ^{M#}	25	15	6	10	2	7	147	mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	58	51	38	29	30	19	14	mg/kg	1	A-T-024s
Chromium _D ^{M#}	3	6	7	15	4	8	9	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	22	27	19	20	13	34	17	mg/kg	1	A-T-024s
Mercury _D	0.21	1.02	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	23	42	37	30	25	13	14	mg/kg	1	A-T-024s
Selenium _D ^{M#}	1	<1	1	<1	<1	2	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	55	95	77	86	92	181	65	mg/kg	1	A-T-024s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12	25/05391/13	25/05391/14	Units	Limit of Detection	Method ref
Client Sample No	S22	S23	S18	S19	S20	S14	S15			
Client Sample ID	WS4	WS4	WS5	WS5	WS5	WS6	WS6			
Depth to Top	1.00	2.00	0.50	1.10	1.50	0.30	0.70			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4ABE	A=4AB	4A	5A	4AE	5A	1A			
PAH-16MS										
Acenaphthene _A ^{MS}	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.10	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{MS}	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.10	mg/kg	0.01	A-T-019s
Anthracene _A ^{MS}	<0.02	<0.02	<0.02	<0.02	<0.02	0.09	<0.20	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{MS}	<0.04	<0.04	<0.04	<0.04	<0.04	0.60	<0.40	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{MS}	<0.04	<0.04	<0.04	<0.04	<0.04	0.46	<0.40	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{MS}	<0.05	<0.05	<0.05	<0.05	<0.05	0.76	<0.50	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{MS}	<0.05	<0.05	<0.05	<0.05	<0.05	0.45	1.09	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{MS}	<0.07	<0.07	<0.07	<0.07	<0.07	0.21	<0.70	mg/kg	0.07	A-T-019s
Chrysene _A ^{MS}	<0.06	<0.06	<0.06	<0.06	<0.06	0.84	<0.60	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{MS}	<0.04	<0.04	<0.04	<0.04	<0.04	0.15	<0.40	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{MS}	<0.08	<0.08	<0.08	0.09	<0.08	1.00	<0.80	mg/kg	0.08	A-T-019s
Fluorene _A ^{MS}	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.10	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{MS}	<0.03	<0.03	<0.03	<0.03	<0.03	0.50	<0.30	mg/kg	0.03	A-T-019s
Naphthalene _A ^{MS}	<0.03	<0.03	<0.03	<0.03	<0.03	0.05	<0.30	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{MS}	<0.03	0.47	<0.03	0.08	<0.03	0.41	<0.30	mg/kg	0.03	A-T-019s
Pyrene _A ^{MS}	<0.07	<0.07	<0.07	<0.07	<0.07	0.71	<0.70	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{MS}	<0.08	0.47	<0.08	0.17	<0.08	6.33	1.09	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12	25/05391/13	25/05391/14	Units	Limit of Detection	Method ref
Client Sample No	S22	S23	S18	S19	S20	S14	S15			
Client Sample ID	WS4	WS4	WS5	WS5	WS5	WS6	WS6			
Depth to Top	1.00	2.00	0.50	1.10	1.50	0.30	0.70			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4ABE	A=4AB	4A	5A	4AE	5A	1A			
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<10	<10	<1	<1	<1	<1	<10	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<10	<10	<1	<1	<1	<1	<10	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	14	15	<1	<1	<1	<1	13	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	17	19	1	<1	<1	1	15	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	424	623	33	3	17	12	177	mg/kg	1	A-T-055s
Total Aliphatics _A	454	658	34	3	17	13	205	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<10	<10	<1	<1	1	<1	<10	mg/kg	1	A-T-055s
Aro >C10-C12 _A	11	16	<1	<1	<1	<1	<10	mg/kg	1	A-T-055s
Aro >C12-C16 _A	15	18	3	1	1	4	13	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	16	20	5	2	1	18	15	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	190	256	15	15	7	79	70	mg/kg	1	A-T-055s
Total Aromatics _A	231	311	23	18	10	101	98	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	685	969	57	21	27	114	303	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/15	25/05391/16	25/05391/17	25/05391/18	25/05391/19	25/05391/20	25/05391/21	Units	Limit of Detection	Method ref
Client Sample No	S28	S29	S10	S11	S12	S13	S7			
Client Sample ID	WS7	WS7	WS8	WS8	WS8	WS9	WS10			
Depth to Top	0.60	2.85	0.60	1.20	1.70	0.60	0.40			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL	SOIL			
Sample Matrix Code	4AE	5A	4ACE	7	5AE	1A	5AE			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.14	6.67	8.06	8.18 ^U	7.51	7.72	8.22	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	<0.01	0.05	0.01	0.01 ^U	0.02	<0.01	0.01	g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	320	460	260	280 ^U	430	<200	320	mg/kg	200	A-T-028s
Sulphur (total) _D	420	2460	624	416	434	240	470	mg/kg	50	A-T-024s
Cyanide (free) _A ^{M#}	<1	<1	<1	<1 ^U	<1	<1	<1	mg/kg	1	A-T-042sFCN
Cyanide (total) _A ^{M#}	<1	<1	7	1 ^U	<1	<1	<1	mg/kg	1	A-T-042sTCN
Thiocyanate _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-041s
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Sulphide _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-043-s
Arsenic _D ^{M#}	7	21	11	8 ^U	21	8	15	mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	<1.0	<1.0	<1.0 ^U	<1.0	<1.0	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	0.8	1.7	0.8	<0.5 ^U	1.2	1.0	1.4	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	24	50	71	40 ^U	64	384	38	mg/kg	1	A-T-024s
Chromium _D ^{M#}	12	7	20	8 ^U	61	9	15	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	17	45	156	22 ^U	72	22	72	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	29	31	38	31 ^U	26	34	37	mg/kg	1	A-T-024s
Selenium _D ^{M#}	1	2	1	<1 ^U	1	<1	2	mg/kg	1	A-T-024s
Zinc _D ^{M#}	110	159	357	86 ^U	200	125	210	mg/kg	1	A-T-024s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/15	25/05391/16	25/05391/17	25/05391/18	25/05391/19	25/05391/20	25/05391/21	Units	Limit of Detection	Method ref
Client Sample No	S28	S29	S10	S11	S12	S13	S7			
Client Sample ID	WS7	WS7	WS8	WS8	WS8	WS9	WS10			
Depth to Top	0.60	2.85	0.60	1.20	1.70	0.60	0.40			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL	SOIL			
Sample Matrix Code	4AE	5A	4ACE	7	5AE	1A	5AE			
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	0.03	<0.01	<0.01 ^U	0.30	<0.01	0.32	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01	<0.01	<0.01 ^U	0.04	<0.01	0.06	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	0.04	<0.02	<0.02 ^U	0.25	<0.02	0.24	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04 ^U	1.41	<0.04	1.59	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	<0.04	<0.04	<0.04 ^U	1.19	<0.04	3.24	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	<0.05	<0.05	<0.05 ^U	1.76	<0.05	3.64	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	<0.05	<0.05	<0.05 ^U	0.90	<0.05	3.88	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	<0.07	<0.07	<0.07 ^U	0.50	<0.07	1.01	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	<0.06	<0.06	<0.06 ^U	1.62	<0.06	2.00	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04 ^U	0.30	<0.04	1.09	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	<0.08	<0.08	<0.08 ^U	2.50	<0.08	1.96	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	0.03	<0.01	<0.01 ^U	0.28	<0.01	0.25	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	<0.03	<0.03	<0.03 ^U	1.05	<0.03	3.98	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	0.09	<0.03	<0.03 ^U	0.06	<0.03	0.10	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03	0.23	<0.03	<0.03 ^U	1.20	<0.03	1.00	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	<0.07	<0.07	<0.07 ^U	1.83	<0.07	1.30	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	<0.08	0.42	<0.08	<0.08 ^U	15.2	<0.08	25.7	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/15	25/05391/16	25/05391/17	25/05391/18	25/05391/19	25/05391/20	25/05391/21	Units	Limit of Detection	Method ref
Client Sample No	S28	S29	S10	S11	S12	S13	S7			
Client Sample ID	WS7	WS7	WS8	WS8	WS8	WS9	WS10			
Depth to Top	0.60	2.85	0.60	1.20	1.70	0.60	0.40			
Depth To Bottom										
Date Sampled	20-May-25	20-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOIL	SOIL	SOIL	SOLID	SOIL	SOIL	SOIL			
Sample Matrix Code	4AE	5A	4ACE	7	5AE	1A	5AE			
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<10	<1	<10	<10	<1	<10	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<10	<1	<10	<10 ^U	<1	<10	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	15	<1	16	16 ^U	<1	<10	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	24	3	19	19 ^U	2	12	<1	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	988	13	335	302 ^U	11	53	18	mg/kg	1	A-T-055s
Total Aliphatics _A	1030	15	370	336	13	65	18	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<10	<1	<10	<10	<1	<10	1	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<10	<1	<10	<10	<1	<10	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	18	3	21	23	5	<10	<1	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	30	4	43	48 ^U	11	<10	2	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	413	5	170	248 ^U	98	16	11	mg/kg	1	A-T-055s
Total Aromatics _A	462	11	234	319	114	16	14	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	1490	27	604	655	127	81	32	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01 ^U	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/22	25/05391/23	25/05391/24	25/05391/25	25/05391/26	25/05391/27	25/05391/28	Units	Limit of Detection	Method ref
Client Sample No	S8	S9	S1	S2	S3	S4	S5			
Client Sample ID	WS10	WS10	WS11	WS11	WS11	WS12	WS12			
Depth to Top	1.20	1.80	0.40	1.00	2.00	0.50	1.10			
Depth To Bottom										
Date Sampled	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOLID	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	7	5A	1A	5AE	5AE	4AE	4ABE			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.39 ^U	7.97	8.98	7.56	6.69	7.83	7.98	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	<0.01 ^U	0.02	0.02	<0.01	<0.01	<0.01	0.02	g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	<200 ^U	800	990	1000	460	480	580	mg/kg	200	A-T-028s
Sulphur (total) _D	284	1260	662	659	406	461	2320	mg/kg	50	A-T-024s
Cyanide (free) _A ^{M#}	<1 ^U	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-042sFCN
Cyanide (total) _A ^{M#}	<1 ^U	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-042sTCN
Thiocyanate _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-041s
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Sulphide _A	<5	<5	<5	<5	<5	<5	<5	mg/kg	5	A-T-043-s
Arsenic _D ^{M#}	12 ^U	65	9	118	38	32	32	mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0 ^U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	1.0 ^U	<0.5	<0.5	1.4	0.9	0.9	0.6	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	32 ^U	39	42	1300	60	57	57	mg/kg	1	A-T-024s
Chromium _D ^{M#}	10 ^U	4	19	15	12	19	9	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	27 ^U	40	55	155	29	34	39	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	33 ^U	9	14	40	31	26	29	mg/kg	1	A-T-024s
Selenium _D ^{M#}	1 ^U	3	<1	2	<1	1	1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	124 ^U	52	149	284	166	119	86	mg/kg	1	A-T-024s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/22	25/05391/23	25/05391/24	25/05391/25	25/05391/26	25/05391/27	25/05391/28	Units	Limit of Detection	Method ref
Client Sample No	S8	S9	S1	S2	S3	S4	S5			
Client Sample ID	WS10	WS10	WS11	WS11	WS11	WS12	WS12			
Depth to Top	1.20	1.80	0.40	1.00	2.00	0.50	1.10			
Depth To Bottom										
Date Sampled	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOLID	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	7	5A	1A	5AE	5AE	4AE	4ABE			
PAH-16MS										
Acenaphthene _A ^{MS}	<0.01 ^U	0.25	0.50	0.61	<0.01	0.13	0.03	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{MS}	<0.01 ^U	0.01	<0.01	0.31	<0.01	0.07	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{MS}	<0.02 ^U	0.08	0.81	1.09	<0.02	0.41	0.07	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{MS}	<0.04 ^U	0.08	3.46	3.99	<0.04	1.50	0.20	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{MS}	0.04 ^U	<0.04	2.43	2.19	<0.04	1.17	0.17	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{MS}	0.07 ^U	0.09	3.27	3.51	<0.05	1.78	0.33	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{MS}	0.05 ^U	<0.05	1.92	0.89	<0.05	0.66	0.13	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{MS}	<0.07 ^U	<0.07	0.90	0.97	<0.07	0.55	0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{MS}	<0.06 ^U	0.19	3.52	4.07	<0.06	1.83	0.36	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{MS}	<0.04 ^U	<0.04	0.47	0.37	<0.04	0.27	0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{MS}	<0.08 ^U	0.33	5.88	9.21	<0.08	3.07	0.29	mg/kg	0.08	A-T-019s
Fluorene _A ^{MS}	<0.01 ^U	0.20	0.44	0.62	<0.01	0.13	0.04	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{MS}	0.06 ^U	<0.03	2.16	1.24	<0.03	0.79	0.15	mg/kg	0.03	A-T-019s
Naphthalene _A ^{MS}	<0.03 ^U	1.04	<0.03	0.30	0.04	0.12	0.12	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{MS}	0.04 ^U	0.95	3.42	5.14	0.10	2.71	0.38	mg/kg	0.03	A-T-019s
Pyrene _A ^{MS}	<0.07 ^U	0.23	4.00	7.17	<0.07	1.93	0.24	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{MS}	0.26 ^U	3.45	33.2	41.7	0.14	17.1	2.62	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/22	25/05391/23	25/05391/24	25/05391/25	25/05391/26	25/05391/27	25/05391/28	Units	Limit of Detection	Method ref
Client Sample No	S8	S9	S1	S2	S3	S4	S5			
Client Sample ID	WS10	WS10	WS11	WS11	WS11	WS12	WS12			
Depth to Top	1.20	1.80	0.40	1.00	2.00	0.50	1.10			
Depth To Bottom										
Date Sampled	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25	19-May-25			
Sample Type	SOLID	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	7	5A	1A	5AE	5AE	4AE	4ABE			
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<10	<10	<10	<1	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<10 ^U	<10	<10	<1	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	13 ^U	46	12	5	<1	<1	1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	15 ^U	64	18	15	<1	<1	4	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	43 ^U	572	286	103	<1	3	44	mg/kg	1	A-T-055s
Total Aliphatics _A	70	682	316	123	<1	3	49	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<10	<10	<10	1	<1	<1	1	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<10	23	<10	1	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	14	68	11	11	<1	5	2	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	25 ^U	94	16	31	<1	3	6	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	202 ^U	115	125	38	<1	6	13	mg/kg	1	A-T-055s
Total Aromatics _A	241	299	152	83	<1	15	22	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	311	981	468	205	<1	18	72	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01 ^U	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/29							Units	Limit of Detection	Method ref
Client Sample No	S6									
Client Sample ID	WS12									
Depth to Top	1.50									
Depth To Bottom										
Date Sampled	19-May-25									
Sample Type	SOIL									
Sample Matrix Code	5A									
% Stones >10mm _A	<0.1							% w/w	0.1	A-T-044
pH _D ^{M#}	7.41							pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	0.03							g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	740							mg/kg	200	A-T-028s
Sulphur (total) _D	596							mg/kg	50	A-T-024s
Cyanide (free) _A ^{M#}	<1							mg/kg	1	A-T-042sFCN
Cyanide (total) _A ^{M#}	<1							mg/kg	1	A-T-042sTCN
Thiocyanate _A	<5							mg/kg	5	A-T-041s
Phenols - Total by HPLC _A	<0.2							mg/kg	0.2	A-T-050s
Sulphide _A	<5							mg/kg	5	A-T-043-s
Arsenic _D ^{M#}	72							mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0							mg/kg	1	A-T-027s
Cadmium _D ^{M#}	1.2							mg/kg	0.5	A-T-024s
Copper _D ^{M#}	72							mg/kg	1	A-T-024s
Chromium _D ^{M#}	11							mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1							mg/kg	1	A-T-040s
Lead _D ^{M#}	80							mg/kg	1	A-T-024s
Mercury _D	<0.17							mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	36							mg/kg	1	A-T-024s
Selenium _D ^{M#}	2							mg/kg	1	A-T-024s
Zinc _D ^{M#}	98							mg/kg	1	A-T-024s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/29							Units	Limit of Detection	Method ref
Client Sample No	S6									
Client Sample ID	WS12									
Depth to Top	1.50									
Depth To Bottom										
Date Sampled	19-May-25									
Sample Type	SOIL									
Sample Matrix Code	5A									
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01							mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.01							mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.03							mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.10							mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.14							mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.18							mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.11							mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07							mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.16							mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04							mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.16							mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.01							mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.13							mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03							mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.15							mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.13							mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	1.31							mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/05391

Client Project Name: Neath (Abergarwed Farm)

Client Project Ref: BC/MB/02.25.04

Lab Sample ID	25/05391/29							Units	Limit of Detection	Method ref
Client Sample No	S6									
Client Sample ID	WS12									
Depth to Top	1.50									
Depth To Bottom										
Date Sampled	19-May-25									
Sample Type	SOIL									
Sample Matrix Code	5A									
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01							mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01							mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1							mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1							mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	5							mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	16							mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	38							mg/kg	1	A-T-055s
Total Aliphatics _A	59							mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	1							mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1							mg/kg	1	A-T-055s
Aro >C12-C16 _A	5							mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	14							mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	28							mg/kg	1	A-T-055s
Total Aromatics _A	48							mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	106							mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01							mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01							mg/kg	0.01	A-T-022s

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript "#"	Accredited to ISO 17025
Superscript "M"	Accredited to MCertS
Superscript "U"	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript "A"	Analysis performed on as-received Sample
Subscript "D"	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript "D" on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript "A"	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
Stones etc. are not removed from the sample prior to analysis
"Trace Asbestos Identified" will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any "A" subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results "with Clean up" indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from "TPH CWG with clean up" please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
email. ask@envirolab.co.uk
Tel. 0161 368 4921

Client: Blandford Consulting, Hedd fan, 5 Pontsarn Close, Pontsarn, Merthyr Tydfil, Mid Project No: 25/05391
Glamorgan, UK, CF48 2TW
Date Received: 23/05/2025 (am)
Project: Neath (Abergarwed Farm)
Cool Box Temperatures (°C): 14.4-15.3
Clients Project No: BC/MB/02.25.04

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/6	25/05391/7	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12	25/05391/13
Client Sample No	S26	S27	S24	S25	S17	S21	S22	S23	S18	S19	S20	S14
Client Sample ID/Depth	WS1 0.20m	WS1 2.00m	WS2 0.40m	WS2 2.50m	WS3 0.70m	WS4 0.30m	WS4 1.00m	WS4 2.00m	WS5 0.50m	WS5 1.10m	WS5 1.50m	WS6 0.30m
Date Sampled	20/05/25	20/05/25	20/05/25	20/05/25	19/05/25	20/05/25	20/05/25	20/05/25	19/05/25	19/05/25	19/05/25	19/05/25
Deviation Code												
F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Lab Sample ID	25/05391/14	25/05391/15	25/05391/16	25/05391/17	25/05391/19	25/05391/20	25/05391/21	25/05391/23	25/05391/24	25/05391/25	25/05391/26	25/05391/27
Client Sample No	S15	S28	S29	S10	S12	S13	S7	S9	S1	S2	S3	S4
Client Sample ID/Depth	WS6 0.70m	WS7 0.60m	WS7 2.85m	WS8 0.60m	WS8 1.70m	WS9 0.60m	WS10 0.40m	WS10 1.80m	WS11 0.40m	WS11 1.00m	WS11 2.00m	WS12 0.50m
Date Sampled	19/05/25	20/05/25	20/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25
Deviation Code												
F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Lab Sample ID	25/05391/28	25/05391/29
Client Sample No	S5	S6
Client Sample ID/Depth	WS12 1.10m	WS12 1.50m
Date Sampled	19/05/25	19/05/25
Deviation Code		
F	✓	✓

Key
F

Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/6	25/05391/7	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12	25/05391/13
Client Sample No	S26	S27	S24	S25	S17	S21	S22	S23	S18	S19	S20	S14
Client Sample ID/Depth	WS1 0.20m	WS1 2.00m	WS2 0.40m	WS2 2.50m	WS3 0.70m	WS4 0.30m	WS4 1.00m	WS4 2.00m	WS5 0.50m	WS5 1.10m	WS5 1.50m	WS6 0.30m

[illegible]

Lab Sample ID	25/05391/14	25/05391/15	25/05391/16	25/05391/17	25/05391/19	25/05391/20	25/05391/21	25/05391/23	25/05391/24	25/05391/25	25/05391/26	25/05391/27
Client Sample No	S15	S28	S29	S10	S12	S13	S7	S9	S1	S2	S3	S4
Client Sample ID/Depth	WS6 0.70m	WS7 0.60m	WS7 2.85m	WS8 0.60m	WS8 1.70m	WS9 0.60m	WS10 0.40m	WS10 1.80m	WS11 0.40m	WS11 1.00m	WS11 2.00m	WS12 0.50m
Date Sampled	19/05/25	20/05/25	20/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25
PAH-16MS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Lab Sample ID	25/05391/28	25/05391/29
Client Sample No	S5	S6
Client Sample ID/Depth	WS12 1.10m	WS12 1.50m
Date Sampled	19/05/25	19/05/25
PAH-16MS	✓	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/05391/1	25/05391/2	25/05391/3	25/05391/4	25/05391/5	25/05391/6	25/05391/7	25/05391/8	25/05391/9	25/05391/10	25/05391/11	25/05391/12
Client Sample No	S26	S27	S24	S25	S16	S17	S21	S22	S23	S18	S19	S20
Client Sample ID/Depth	WS1 0.20m	WS1 2.00m	WS2 0.40m	WS2 2.50m	WS3 0.20m	WS3 0.70m	WS4 0.30m	WS4 1.00m	WS4 2.00m	WS5 0.50m	WS5 1.10m	WS5 1.50m
Date Sampled	20/05/25	20/05/25	20/05/25	20/05/25	19/05/25	19/05/25	20/05/25	20/05/25	20/05/25	19/05/25	19/05/25	19/05/25
A-T-019s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-022s	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	03/06/2025	30/05/2025	30/05/2025	30/05/2025
A-T-024s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-026s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-027s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-028s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-031s	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-040s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-041s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-042sFCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-042sTCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-043-s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-044	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-050s	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025
A-T-055s	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025	03/06/2025	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025	02/06/2025
Calc-As Recd	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025	03/06/2025	02/06/2025	02/06/2025	03/06/2025	03/06/2025	02/06/2025	02/06/2025

Lab Sample ID	25/05391/13	25/05391/14	25/05391/15	25/05391/16	25/05391/17	25/05391/18	25/05391/19	25/05391/20	25/05391/21	25/05391/22	25/05391/23	25/05391/24
Client Sample No	S14	S15	S28	S29	S10	S11	S12	S13	S7	S8	S9	S1
Client Sample ID/Depth	WS6 0.30m	WS6 0.70m	WS7 0.60m	WS7 2.85m	WS8 0.60m	WS8 1.20m	WS8 1.70m	WS9 0.60m	WS10 0.40m	WS10 1.20m	WS10 1.80m	WS11 0.40m
Date Sampled	19/05/25	19/05/25	20/05/25	20/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25
A-T-019s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-022s	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	03/06/2025	30/05/2025
A-T-024s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-026s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-027s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-028s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-031s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-040s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-041s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-042sFCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-042sTCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-043-s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-044	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-050s	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025
A-T-055s	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
Calc-As Recd	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025	03/06/2025	02/06/2025

Lab Sample ID	25/05391/25	25/05391/26	25/05391/27	25/05391/28	25/05391/29
Client Sample No	S2	S3	S4	S5	S6
Client Sample ID/Depth	WS11 1.00m	WS11 2.00m	WS12 0.50m	WS12 1.10m	WS12 1.50m
Date Sampled	19/05/25	19/05/25	19/05/25	19/05/25	19/05/25
A-T-019s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-022s	30/05/2025	30/05/2025	30/05/2025	03/06/2025	03/06/2025
A-T-024s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-026s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-027s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-028s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-031s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-040s	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
A-T-041s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-042sFCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-042sTCN	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-043-s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
A-T-044	30/05/2025	30/05/2025	30/05/2025	30/05/2025	30/05/2025
A-T-050s	29/05/2025	29/05/2025	29/05/2025	29/05/2025	29/05/2025
A-T-055s	02/06/2025	02/06/2025	02/06/2025	02/06/2025	02/06/2025
Calc-As Recd	02/06/2025	02/06/2025	02/06/2025	03/06/2025	03/06/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report



BLANDFORD CONSULTING

HEDD-FAN, 5 PONTSARN CLOSE, PONTSARN, MERTHYR TYDFIL, SOUTH WALES, CF48 2TW. TEL: 01443 693353.