



Peat Core Log

Hole No.
Peat Auger 01
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325957.00 N: 197504.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description	
	0.00 - 0.35	C	0.00 - 0.35	Recovery = 100%				Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).	
					0.30				
					0.35				Soft brown very sandy peaty CLAY. Sand is fine grained.
								Peat Core Complete at 0.35m	

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 02
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325759.00 N: 198199.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%		0.50		Brown fibrous PEAT. Plant structure easily identified, insignificant decomposition identified and slight amorphous material identified (H3, B2).
						1.00		Brown fibrous PEAT. Plant structure mostly identifiable, slight decomposition and some amorphous material identified (H4, B3).
								Peat Core Complete at 1.00m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



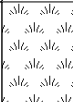
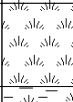
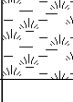
Peat Core Log

Hole No.
Peat Auger 03
 Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325484.00 N: 198486.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.40	C	0.00 - 0.40	Recovery = 100%	0.15			Dark brown fibrous PEAT. Plant structure easily identified, insignificant decomposition identified and very slight amorphous material identified (H2, B2).
0.26							Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).	
0.40							Soft orangish brown very sandy peaty CLAY. Sand is fine grained.	
								Peat Core Complete at 0.40m

Remarks:

Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 04
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325605.00 N: 198696.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.38	C	0.00 - 0.38	Recovery = 100%		0.38		Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).
								Peat Core Complete at 0.38m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 05
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325233.00 N: 198312.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.46	C	0.00 - 0.46	Recovery = 100%	0.17			Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).
0.23							Reddish brown fibrous PEAT. Plant structure easily identified, insignificant decomposition identified and very slight amorphous material identified (H2, B2).	
0.30							Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).	
0.46							Soft orangish brown very sandy peaty CLAY.	
								Peat Core Complete at 0.46m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.




Peat Core Log

Hole No.
Peat Auger 06
 Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 324886.00 N: 198399.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.33	C	0.00 - 0.33	Recovery = 100%	0.33			Dark brown fibrous PEAT. Plant structure easily identified, insignificant decomposition identified and very slight amorphous material identified (H2, B2).
								Peat Core Complete at 0.33m

Remarks:
 Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 07
 Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 324141.00 N: 198014.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.43	C	0.00 - 0.43	Recovery = 100%		0.30		Brownish black fibrous PEAT. Plant structure easily identified, insignificant decomposition identified and very slight amorphous material identified (H2, B2).
						0.43		Firm brown very sandy peaty CLAY. Sand is fine to medium grained.
								Peat Core Complete at 0.43m

Remarks:
 Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 08
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 323959.00 N: 198005.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.22	C	0.00 - 0.22	Recovery = 100%	0.07			Soft brown very sandy peaty CLAY. Sand is fine grained.
0.22							Light brown very sandy peaty CLAY. Sand is fine to medium grained.	
								Peat Core Complete at 0.22m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.




Peat Core Log

Hole No.
Peat Auger 09
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325997.00 N: 197517.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.25	C	0.00 - 0.25	Recovery = 100%	0.25			Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3, B2).
								Peat Core Complete at 0.25m

Remarks:

Peat core recovered using peat sampler. Peat coring refused on granular substrate.




Peat Core Log

Hole No.
Peat Auger 10
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325958.00 N: 197503.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.42	C	0.00 - 0.42	Recovery = 100%		0.42		Dark brown fibrous PEAT. Plant structure mostly identifiable, slight decomposition, some amorphous material identified and residue somewhat pasty (H4, B3).
								Peat Core Complete at 0.42m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.




Peat Core Log

Hole No.
Peat Auger 11
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325833.00 N: 197053.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.25	C	0.00 - 0.25	Recovery = 100%	0.25			Dark brown clayey fibrous PEAT. Plant structure recognisable but vague, moderate decomposition, some amorphous material identified and residue slightly pasty (H5) PEAT
								Peat Core Complete at 0.25m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



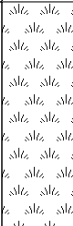
Peat Core Log

Hole No.
Peat Auger 12
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 325779.00 N: 197440.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.30	C	0.00 - 0.30	Recovery = 100%	0.30			Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3) PEAT
								Peat Core Complete at 0.30m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Core Log

Hole No.
Peat Auger 13
 Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 324702.00 N: 198126.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.27	C	0.00 - 0.27	Recovery = 100%	0.27			Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3) PEAT
								Peat Core Complete at 0.27m

Remarks:
 Peat core recovered using peat sampler. Peat coring refused on granular substrate.



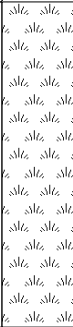
Peat Core Log

Hole No.
Peat Auger 14
Sheet 1 of 1

Project: Mynydd Maen Wind Farm Client: Renewable Energy Systems Ltd Dates: 16-03-2023

Project No: 428.013072.00001 Logger: FS Approved By: Coordinates: E: 324730.00 N: 198187.00

Location: Mynydd Maen Hole Type: HA Level: Vertical Scale: 1:10

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description
	0.00 - 0.43	C	0.00 - 0.43	Recovery = 100%	0.43			Dark brown fibrous PEAT. Plant structure still identifiable, very slight decomposition and some amorphous material identified (H3) PEAT
								Peat Core Complete at 0.43m

Remarks:
Peat core recovered using peat sampler. Peat coring refused on granular substrate.



Peat Auger 1
0 – 0.35m



Peat Auger 2
0 – 0.5m



Floor 2
4/5 Lochside View
Edinburgh Park
Edinburgh
EH12 9DH

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Web: www.slrconsulting.com

Project : Mynydd Maen Wind Farm



Project No. :- 428.013072.00001

Date :- March 2023



Peat Auger 2
0.5 – 1.0m



Peat Auger 3
0 – 0.4m



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Project No. :- 428.013072.00001

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Peat Auger 4
0 – 0.38m



Peat Auger 5
0 – 0.46m



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Project No. :- 428.013072.00001

Date :- March 2023



Peat Auger 6
0 – 0.33m



Peat Auger 7
0 – 0.43m



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Peat Auger 8
0 – 0.22m



Peat Auger 9
0 – 0.25m



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Peat Auger 10
0 – 0.42m



Peat Auger 11
0 – 0.25m



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Peat Auger 12
0 – 0.3m



Peat Auger 13
0 – 0.27m



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Date :- March 2023



**Peat Auger 14
0 – 0.43m**

End of Photographs



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