

## Annex IV

CORING DATA – PEAT DATA AND VON POST MEASUREMENTS	
SITE:	Beinn Ghlas Wind Farm Repowering
CLIENT:	Nadara Ltd
SURVEY DATES:	April 2022, December 2022 to February 2023, and October 2023


# Annex IV - Full Peat Coring Data

<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd		
<b>Survey dates:</b>		Oct-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
C1	199431	729288	0.70	0.70	0.70	0.10	0.60	H3 B5	H7 B3
<b>Notes:</b>		Grassy moorland, gentle slope							

0-0.7m	Formation
	Acrotelm
	Catotelm
	Rock at 0.70m




Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Oct-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
C2	199380	729032	0.90	0.90	0.90	0.15	0.75	H3 B4	H6 B4
Notes: Grassy moorland, gentle slope									

0-0.9m	Formation
	Acrotelm
	Catotelm
	Rock at 0.90m




Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Oct-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
C3	196861	725411	0.65	0.65	0.50	0.05	0.45	H3 B4	H5 B3
Notes: Open moor, gentle slope									

0-0.65m	Formation
	Acrotelm
	Catotelm
	Clay at 0.50m
	Clay at 0.50m, rock at 0.65m


# Annex IV - Full Peat Coring Data

Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Oct-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
C4	197424	725903	0.95	0.95	0.95	0.10	0.85	H2 B4	H7 B3
Notes: Open moor, gentle to moderate slope									

0-0.95m	Formation
	Acrotelm
	Catotelm
	Rock at 0.95m



Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Oct-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
C5	197624	725683	0.85	0.85	0.85	0.20	0.65	H2 B5	H6 B3
Notes: Open moor, gentle slope									

0-0.85m	Formation
	Acrotelm
	Catotelm
	Grit at 0.80m



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<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd			
<b>Survey dates:</b>		Oct-23			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
C6	198335	726340	1.70	1.70	1.70	0.25	1.45	H2 B3	H7 B3	H6 B3
<b>Notes:</b>		Open moor, gentle slope								


0-1m	Formation
	Acrotelm
	Catotelm


1-1.7m	Formation
	Catotelm
	Rock at 1.70m



# Annex IV - Full Peat Coring Data

<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd			
<b>Survey dates:</b>		Feb-23			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
Core_1	197680	726510	1.50	1.50	1.50	0.30	1.20	H2 B4	H6 B3	H7 B3
<b>Notes:</b>		Open moor, gentle slope, saddle of hill								


0-1m	Formation
	Acrotelm
	Catotelm

1-1.5m	Formation
	Catotelm
	Rock at 1.50m



# Annex IV - Full Peat Coring Data


Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Feb-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Core_10	197156	724869	0.25	0.30	0.25	0.05	0.20	H3 B5	H6 B4
Notes: Open moor, gentle slope									

0-0.3m	Formation
	Acrotelm
	Catotelm
	Clayey silt at 0.25m




# Annex IV - Full Peat Coring Data

Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Feb-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Core_11	196656	725216	0.95	0.95	0.95	0.20	0.75	H2 B5	H6 B3
Notes: Open moor, gentle slope, saddle of hill									

0-0.95m	Formation
	Acrotelm
	Catotelm
	Rock at 0.95m




Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Feb-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Core_2	198531	725821	0.70	0.70	0.70	0.15	0.55	H2 B4	H7 B3
Notes: Open moor, gentle slope									

0-0.7m	Formation
	Acrotelm
	Catotelm
	Rock at 0.70m



# Annex IV - Full Peat Coring Data

<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd			
<b>Survey dates:</b>		Feb-23			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
Core_4	197066	726351	1.80	1.80	1.80	0.20	1.60	H2 B4	H7 B4	H6 B3
<b>Notes:</b>		Open moor, fairly flat								

0-1m	Formation
	Acrotelm
	Catotelm

1-1.8m	Formation
	Catotelm
	Rock at 1.80m



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<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd			
<b>Survey dates:</b>		Feb-23			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
Core_6	197720	725781	1.10	1.15	1.15	0.25	0.90	H2 B5	H7 B4	H8 B4
<b>Notes:</b>		Open moor, fairly flat								

0-1m	Formation
	Acrotelm
	Catotelm

1-1.15m	Formation
	Catotelm
	Rock at 1.15m



Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Feb-23			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Core_8	197846	725681	0.35	0.35	0.35	0.10	0.25	H2 B4	H6 B3
Notes: Open moor, fairly flat, near track									

0-0.35m	Formation
	Acrotelm
	Catotelm
Thin layer of silt on top of rock at 0.35m	



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<b>Site:</b>	Beinn Ghlas Wind Farm Repowering				<b>Client:</b>	Nadara Ltd				
<b>Survey dates:</b>		Apr-22			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
Pr_299	196565	725588	1.50	1.50	1.45	0.25	1.20	H2 B4	H7 B4	H6 B3
<b>Notes:</b>	Open undulating moor, gentle slope									


0-1m	Formation
	Acrotelm
	Catotelm

1-1.5m	Formation
	Catotelm
	Clayey silt at 1.45m



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Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_315	198165	725588	0.90	0.90	0.90	0.20	0.70	H1 B3	H6 B3
Notes: Open undulating moor, fairly flat									

0-0.9m	Formation
	Acrotelm
	Catotelm
	Rock at 0.90m




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Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_348	197265	725688	0.85	0.85	0.85	0.15	0.70	H3 B4	H5 B3
Notes: Open undulating moor, gentle slope									

0-0.85m	Formation
	Acrotelm
	Catotelm
	Rock at 0.85m



Site:	Beinn Ghlas Wind Farm Repowering				Client:	Nadara Ltd			
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_404	198765	725788	0.35	0.35	0.35	0.10	0.25	H3 B5	H5 B4
Notes: Open undulating moor, gentle slope									

0-0.35m	Formation
	Acrotelm
	Catotelm
	Rock at 0.35m



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Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_532	195765	726188	0.90	1.00	0.90	0.15	0.75	H3 B3	H6 B3
Notes: Open undulating moor, moderate slope									

0-1m	Formation
	Acrotelm
	Catotelm
	Gritty silt at 0.90m






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Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_583	197265	726288	0.95	0.95	0.95	0.20	0.75	H2 B4	H5 B3
Notes: Open undulating moor, fairly flat									

0-0.95m	Formation
	Acrotelm
	Catotelm
	Rock at 0.95m



# Annex IV - Full Peat Coring Data

Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		Survey		
					Peat depths and characteristics			Von Post scores			
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm		
									0-1m	1-2m	
Pr_590	197965	726288	2.70	2.70	2.70	0.15	2.55	H2 B3	H7 B3	H6 B3	
0-1m		Formation			1-2m		Formation			2-2	
		Acrotelm					Catotelm				
		Catotelm									




Annex IV - Full Peat Coring Data

/ dates:	Apr-22
	Notes:
	Open undulating moor, fairly flat
2-3m	
H8 B3	

.7m	Formation
	Catotelm
	Rock at 2.70m



Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_663	198665	726488	0.70	0.70	0.65	0.20	0.45	H2 B4	H5 B3
Notes: Open undulating moor, gentle slope									

0-0.7m	Formation
	Acrotelm
	Catotelm
	Silt mixed with peat at 0.65m, grit at 0.70m



# Annex IV - Full Peat Coring Data


<b>Site:</b>		Beinn Ghlas Wind Farm Repowering			<b>Client:</b>		Nadara Ltd		
<b>Survey dates:</b>		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_69	195765	724988	0.80	0.80	0.80	0.10	0.70	H4 B4	H6 B3
<b>Notes:</b>		Open undulating moor, fairly flat							

0-0.8m	Formation
	Acrotelm
	Catotelm
	Rock at 0.80m



# Annex IV - Full Peat Coring Data

Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_756	197165	726988	0.50	0.50	0.50	0.15	0.35	H2 B4	H7 B3
Notes: Open undulating moor, moderate slope									

0-0.5m	Formation
	Acrotelm
	Catotelm
	Thin layer of silt on top of rock at 0.50m



# Annex IV - Full Peat Coring Data


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<b>Survey dates:</b>		Apr-22			Peat depths and characteristics			Von Post scores		
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm	
									0-1m	1-2m
Pr_776	198265	727088	1.80	1.80	1.80	0.25	1.55	H1 B4	H5 B4	H7 B3
<b>Notes:</b>		Open undulating moor, gentle slope								

0-1m	Formation
	Acrotelm
	Catotelm

1-1.8m	Formation
	Catotelm
	Rock at 1.80m



Site:		Beinn Ghlas Wind Farm Repowering			Client:		Nadara Ltd		
Survey dates:		Apr-22			Peat depths and characteristics			Von Post scores	
Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm	Catotelm
Pr_802	198865	727288	0.80	0.80	0.80	0.15	0.65	H2 B5	H6 B4
Notes: Open undulating moor, gentle slope									

0-0.8m	Formation
	Acrotelm
	Catotelm
	Rock at 0.80m