

Annex III

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

Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Peat depths and characteristics			Von Post H scores				Von Post B scores			
					Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)	Acrotelm Von Post	Catotelm Von Post 0-1m	Catotelm Von Post 1-2m	Catotelm Von Post 2-3m	Acrotelm Von Post	Catotelm Von Post 0-1m	Catotelm Von Post 1-2m	Catotelm Von Post 2-3m
C1	199431	729288	0.70	0.70	0.70	0.10	0.60	H3	H7			B5	B3		
C2	199380	729032	0.90	0.90	0.90	0.15	0.75	H3	H6			B4	B4		
C3	196861	725411	0.65	0.65	0.50	0.05	0.45	H3	H5			B4	B3		
C4	197424	725903	0.95	0.95	0.95	0.10	0.85	H2	H7			B4	B3		
C5	197624	725683	0.85	0.85	0.85	0.20	0.65	H2	H6			B5	B3		
C6	198335	726340	1.70	1.70	1.70	0.25	1.45	H2	H7	H6		B3	B3	B3	
Core_1	197680	726510	1.50	1.50	1.50	0.30	1.20	H2	H6	H7		B4	B3	B3	
Core_10	197156	724869	0.25	0.30	0.25	0.05	0.20	H3	H6			B4	B4		
Core_11	196656	725216	0.95	0.95	0.95	0.20	0.75	H2	H6			B5	B3		
Core_2	198531	725821	0.70	0.70	0.70	0.15	0.55	H2	H7			B4	B3		
Core_4	197066	726351	1.80	1.80	1.80	0.20	1.60	H2	H7	H6		B4	B4	B3	
Core_6	197720	725781	1.10	1.15	1.15	0.25	0.90	H2	H7	H8		B5	B4	B4	
Core_8	197846	725681	0.35	0.35	0.35	0.10	0.25	H2	H6			B4	B3		
Pr_299	196565	725588	1.50	1.50	1.45	0.25	1.20	H2	H7	H6		B4	B4	B3	
Pr_315	198165	725588	0.90	0.90	0.90	0.20	0.70	H1	H6			B3	B3		
Pr_348	197265	725688	0.85	0.85	0.85	0.15	0.70	H3	H5			B4	B3		
Pr_404	198765	725788	0.35	0.35	0.35	0.10	0.25	H3	H5			B5	B4		
Pr_532	195765	726188	0.90	1.00	0.90	0.15	0.75	H3	H6			B3	B3		
Pr_583	197265	726288	0.95	0.95	0.95	0.20	0.75	H2	H5			B4	B3		
Pr_590	197965	726288	2.70	2.70	2.70	0.15	2.55	H2	H7	H6	H8	B3	B3	B3	B3
Pr_663	198665	726488	0.70	0.70	0.65	0.20	0.45	H2	H5			B4	B3		
Pr_69	195765	724988	0.80	0.80	0.80	0.10	0.70	H4	H6			B4	B3		
Pr_756	197165	726988	0.50	0.50	0.50	0.15	0.35	H2	H7			B4	B3		
Pr_776	198265	727088	1.80	1.80	1.80	0.25	1.55	H1	H5	H7		B4	B4	B3	
Pr_802	198865	727288	0.80	0.80	0.80	0.15	0.65	H2	H6			B5	B4		

Ref ID	Easting	Northing	Peat Probe Depth (m)	Depth with Auger (m)	Peat depths and characteristics			Comments on Core	Comments on Location
					Actual Peat Depth (m)	Acrotelm Thickness (m)	Catotelm Thickness (m)		
C1	199431	729288	0.70	0.70	0.70	0.10	0.60	Rock at 0.70m	Grassy moorland, gentle slope
C2	199380	729032	0.90	0.90	0.90	0.15	0.75	Rock at 0.90m	Grassy moorland, gentle slope
C3	196861	725411	0.65	0.65	0.50	0.05	0.45	Clay at 0.50m, rock at 0.65m	Open moor, gentle slope
C4	197424	725903	0.95	0.95	0.95	0.10	0.85	Rock at 0.95m	Open moor, gentle to moderate slope
C5	197624	725683	0.85	0.85	0.85	0.20	0.65	Grit at 0.80m	Open moor, gentle slope
C6	198335	726340	1.70	1.70	1.70	0.25	1.45	Rock at 1.70m	Open moor, gentle slope
Core_1	197680	726510	1.50	1.50	1.50	0.30	1.20	Rock at 1.50m	Open moor, gentle slope, saddle of hill
Core_10	197156	724869	0.25	0.30	0.25	0.05	0.20	Clayey silt at 0.25m	Open moor, gentle slope
Core_11	196656	725216	0.95	0.95	0.95	0.20	0.75	Rock at 0.95m	Open moor, gentle slope, saddle of hill
Core_2	198531	725821	0.70	0.70	0.70	0.15	0.55	Rock at 0.70m	Open moor, gentle slope
Core_4	197066	726351	1.80	1.80	1.80	0.20	1.60	Rock at 1.80m	Open moor, gentle slope
Core_6	197720	725781	1.10	1.15	1.15	0.25	0.90	Rock at 1.15m	Open moor, fairly flat
Core_8	197846	725681	0.35	0.35	0.35	0.10	0.25	Silt at 0.35m	Open moor, fairly flat, near track
Pr_299	196565	725588	1.50	1.50	1.45	0.25	1.20	Clayey silt at 1.45m, rock at 1.50m	Open undulating moor, gentle slope
Pr_315	198165	725588	0.90	0.90	0.90	0.20	0.70	Rock at 0.90m	Open undulating moor, fairly flat
Pr_348	197265	725688	0.85	0.85	0.85	0.15	0.70	Rock at 0.85m	Open undulating moor, gentle slope
Pr_404	198765	725788	0.35	0.35	0.35	0.10	0.25	Rock at 0.35m	Open undulating moor, gentle slope
Pr_532	195765	726188	0.90	1.00	0.90	0.15	0.75	Gritty silt at 0.90m	Open undulating moor, moderate slope
Pr_583	197265	726288	0.95	0.95	0.95	0.20	0.75	Thin layer of grit on top of rock at 0.95m	Open undulating moor, fairly flat
Pr_590	197965	726288	2.70	2.70	2.70	0.15	2.55	Wood fragments and 0.70m and 2.15m, rock at 2.70m	Open undulating moor, fairly flat
Pr_663	198665	726488	0.70	0.70	0.65	0.20	0.45	Silt mixed with peat at 0.65m, grit at 0.70m	Open undulating moor, gentle slope
Pr_69	195765	724988	0.80	0.80	0.80	0.10	0.70	Rock at 0.80m	Open undulating moor, fairly flat
Pr_756	197165	726988	0.50	0.50	0.50	0.15	0.35	Thin layer of silt on top of rock at 0.50m	Open undulating moor, moderate slope
Pr_776	198265	727088	1.80	1.80	1.80	0.25	1.55	Rock at 1.80m	Open undulating moor, gentle slope
Pr_802	198865	727288	0.80	0.80	0.80	0.15	0.65	Rock at 0.80m	Open undulating moor, gentle slope

Ref ID	Actual Peat Depth (m)	Fine Fibre (F0 = nil, F1 = low content, F2 = moderate content, F3 = high content)				Coarse fibre (R0 = nil, R1 = low content, R2 = moderate content, R3 = high content)				Wood remains (W0= nil, W1 = low content, W2 = moderate content, W3 = high content)			
		Acrotelm	0-1m	1-2m	2-3m	Acrotelm	0-1m	1-2m	2-3m	Acrotelm	0-1m	1-2m	2-3m
C1	0.70	F2	F1			R2	R1			W0	W0		
C2	0.90	F2	F2			R2	R1			W0	W0		
C3	0.50	F2	F2			R1	R2			W0	W0		
C4	0.95	F2	F1			R2	R1			W0	W0		
C5	0.85	F3	F1			R2	R2			W0	W0		
C6	1.70	F2	F1	F1		R2	R1	R2		W0	W0	W0	
Core_1	1.50	F3	F2	F1		R2	R1	R1		W0	W0	W0	
Core_10	0.25	F2	F1			R1	R1			W0	W0		
Core_11	0.95	F2	F1			R2	R2			W0	W0		
Core_2	0.70	F2	F1			R2	R1			W0	W0		
Core_4	1.80	F2	F1	F2		R2	R0	R1		W0	W0	W0	
Core_6	1.15	F2	F1	F1		R2	R1	R0		W0	W0	W0	
Core_8	0.35	F2	F1			R2	R1			W0	W0		
Pr_299	1.45	F3	F1	F2		R2	R0	R0		W0	W0	W0	
Pr_315	0.90	F2	F1			R3	R1			W0	W0		
Pr_348	0.85	F2	F2			R1	R1			W0	W0		
Pr_404	0.35	F2	F2			R1	R0			W0	W0		
Pr_532	0.90	F2	F1			R1	R1			W0	W0		
Pr_583	0.95	F2	F2			R2	R1			W0	W0		
Pr_590	2.70	F3	F1	F2	F1	R1	R1	R1	R0	W0	W1	W0	W1
Pr_663	0.65	F3	F2			R2	R1			W0	W0		
Pr_69	0.80	F2	F1			R1	R2			W0	W0		
Pr_756	0.50	F2	F1			R2	R0			W0	W0		
Pr_776	1.80	F3	F2	F1		R2	R2	R0		W0	W0	W0	
Pr_802	0.80	F3	F2			R2	R1			W0	W0		