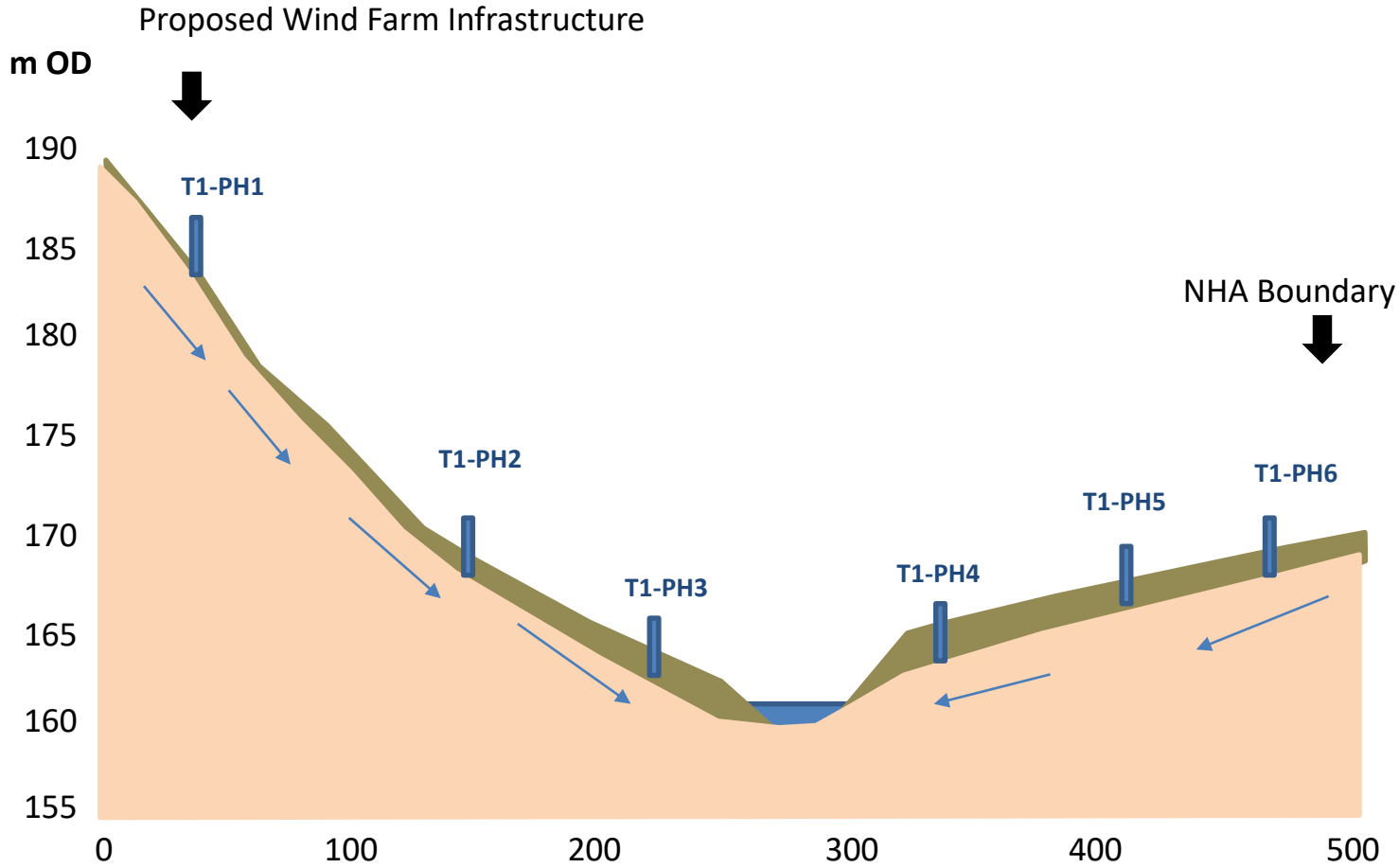





P1227-8 Ardderroo Wind Farm, Co. Galway
Appendix 9.2 - Manual Water Level Monitoring Data

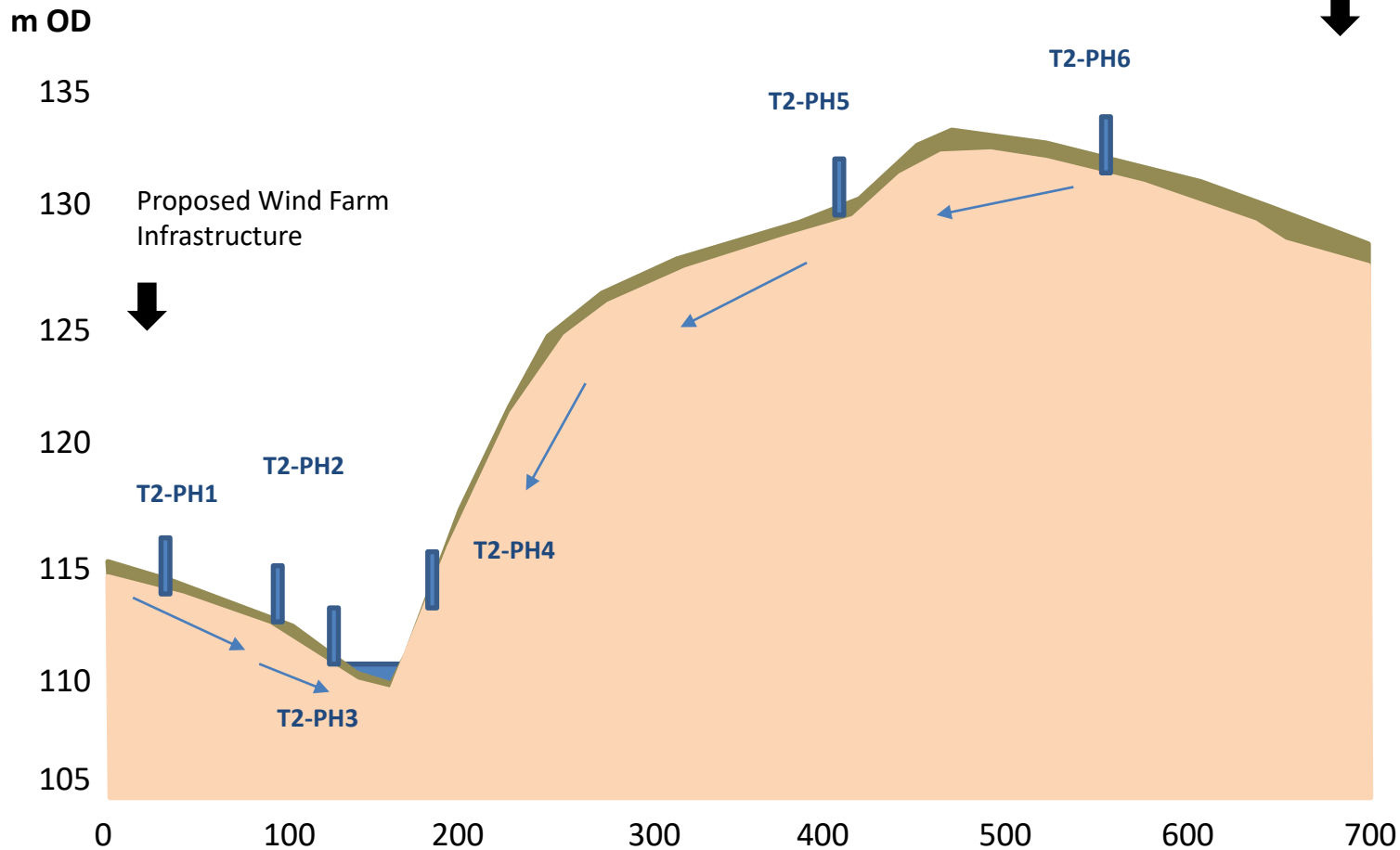
Piezometer	Ground					9/11/2016			12/12/2016			06/04/2017			04/09/2018		
	Level (mOD)	Peat Depth (m)	Peat Base (mOD)	Datum (mOD)	Upstand (m)	WL (mbdl)	WL (mbgl)	WL (mOD)	WL (mbdl)	WL (mbgl)	WL (mOD)	WL (mbdl)	WL (mbgl)	WL (mOD)	WL (mbdl)	WL (mbgl)	WL (mOD)
T1 - PH1	185	0.7	184	185	0.30	0.37	0.07	184.930	0.32	0.02	184.980	0.43	0.13	184.870	0.45	0.15	184.850
T1 - PH2	168	1.5	167	168	0.35	0.51	0.16	167.840	0.40	0.05	167.950	0.43	0.08	167.920	0.44	0.09	167.910
T1 - PH3	164	2	162	164	0.20	0.25	0.05	163.950	0.23	0.03	163.970	0.26	0.06	163.940	0.29	0.09	163.910
T1 - PH4	166	2.5	164	166	0.30	0.35	0.05	165.950	0.33	0.03	165.970	0.37	0.07	165.930	0.38	0.08	165.920
T1 - PH5	167	1.8	165	167	0.22	0.43	0.21	166.790	0.24	0.02	166.980	0.30	0.08	166.920	0.32	0.10	166.900
T1 - PH6	168	1.5	167	168	0.23	0.24	0.01	167.990	0.23	0.00	168.000	0.26	0.03	167.970	0.27	0.04	167.960
T2 - PH1	114	0.67	113.330	115.20	1.20	1.25	0.05	113.95	1.23	0.03	113.97	1.27	0.07	113.93	1.29	0.09	113.91
T2 - PH2	113	0.33	112.670	114.20	1.20	1.27	0.07	112.93	1.24	0.04	112.96	1.29	0.09	112.91	1.29	0.09	112.91
T2 - PH3	112	0.3	111.700	112.40	0.40	0.56	0.16	111.84	0.50	0.10	111.90	0.64	0.24	111.76	0.66	0.26	111.74
T2 - PH4	114	0.55	112.950	113.80	0.30	0.47	0.17	113.33	0.42	0.12	113.38	0.53	0.23	113.27	0.56	0.26	113.24
T2 - PH5	128	0.65	127.350	128.55	0.55	0.67	0.12	127.88	0.62	0.07	127.93	0.73	0.18	127.82	0.75	0.20	127.80
T2 - PH6	130	0.51	129.490	130.50	0.50	0.52	0.02	129.98	0.51	0.01	129.99	0.56	0.06	129.94	0.58	0.08	129.92
T3 - PH1	80	2.15	77.850	80.50	0.50	0.58	0.08	79.92	0.52	0.02	79.98	0.60	0.10	79.90	0.63	0.13	79.87
T3 - PH2	75	1.7	73.300	76.10	1.10	1.27	0.17	74.83	1.23	0.13	74.87	1.31	0.21	74.79	1.32	0.22	74.78
T3 - PH3	71	0.9	70.100	71.73	0.73	0.74	0.01	70.99	0.73	0.00	71.00	0.75	0.02	70.98	0.79	0.06	70.94
T3 - PH4	67	0.8	66.200	67.28	0.28	0.29	0.01	66.99	0.28	0.00	67.00	0.30	0.02	66.98	0.33	0.05	66.95




Piezometer Transect 1



-  Granite Bedrock
-  Peat
-  Groundwater Flow Direction

Piezometer Transect 2



-  Granite Bedrock
-  Peat
-  Groundwater Flow Direction

Piezometer Transect 3

m OD

90

85

80

75

70

65

60

Proposed Turbine T25
Location



T3-PH1



T3-PH2



T3-PH3



T3-PH4



SAC Boundary



0 100 200 300 400 500 600 700 800 900 1000



Granite Bedrock



Peat



Groundwater Flow Direction

