

## Appendix 3 – Climatic Data

Site Details: Mon Solar – Anglesey – Block A

Grid reference (centre of site): 240883 390948

Altitude: Mean 54m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AA				ATS	MD	MD	FC
			R	ASR	ATO	W		P	D	
2400 3900	63	970	0.9	435	1409	2276	80	64	203	
2400 3950	38	899	0.3	410	1435	2305	86	73	193	
2450 3900	77	1011	0.6	460	1392	2259	74	58	211	
2450 3950	0	942	0.3	425	1478	2354	88	75	202	

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
2400 3900	961.60	1419.64	201.79	81.55	66.03	80.52%
2400 3950	903.70	1417.14	193.68	84.06	70.43	7.86%
2450 3900	997.00	1418.60	208.98	77.37	62.45	7.57%
2450 3950	958.10	1416.82	204.33	81.37	66.21	4.05%

Site Details: Mon Solar – Anglesey – Block B

Grid reference (centre of site): 240831 388009

Altitude: Mean 62m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
24003850	77	1002	1.4	450	1395	2260	76	60	206
24003900	63	970	0.9	435	1409	2276	80	64	203
24503850	50	1067	0.5	480	1425	2296	74	58	218
24503900	77	1011	0.6	460	1392	2259	74	58	211

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
24003850	981.35	1411.82	203.01	78.96	63.88	25.52%
24003900	969.33	1409.86	202.90	80.12	64.16	53.42%
24503850	1073.13	1411.04	218.89	72.31	55.77	9.41%
24503900	1002.15	1408.82	209.72	76.13	60.81	11.65%

Site Details: Mon Solar – Anglesey – Block C

Grid reference (centre of site): 243021 385071

Altitude: Mean 69m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
2400 3850	77	1002	1.4	450	1395	2260	76	60	206
2400 3900	63	970	0.9	435	1409	2276	80	64	203
2450 3850	50	1067	0.5	480	1425	2296	74	58	218
2450 3900	77	1011	0.6	460	1392	2259	74	58	211

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
2400 3850	990.31	1404.52	204.31	77.68	62.19	25.47%
2400 3900	975.09	1402.56	203.74	79.06	62.77	6.96%
2450 3850	1076.33	1403.74	219.35	71.43	54.61	59.32%
2450 3900	1005.99	1401.52	210.28	75.21	59.59	8.25%

Site Details: Mon Solar – Anglesey – Block D

Grid reference (centre of site): 244459 382285

Altitude: Mean 67m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
2400 3800	65	1000	1.4	450	1411	2278	78	62	207
2400 3850	77	1002	1.4	450	1395	2260	76	60	206
2450 3800	65	1068	0.5	475	1410	2279	74	57	218
2450 3850	50	1067	0.5	480	1425	2296	74	58	218

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
2400 3800	1002.37	1409.07	207.34	77.66	61.56	10.26%
2400 3850	987.57	1406.75	203.91	78.07	62.71	9.45%
2450 3800	1068.85	1408.07	218.12	73.77	56.69	46.70%
2450 3850	1075.35	1405.97	219.21	71.70	54.97	33.60%





Sample No	Altitude	Topsoil				Upper Subsoil				Lower Subsoil				Grade limit by Depth	Wetness Assessment			Grade limit by Wetness	Droughtiness Assessment		Grade limit by Droughtiness	Grade by most limiting factor										
		Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth		Texture	Colour	Stoniness		Mottles	Structure			Depth to SPL	Gley	Wetness Class	Wheat MB	Potato MB					
162	84	0-25	Org C	10YR 4/3	2-6cm 5%	FO	25	IMP										3b		I											3b	
163	82	0-25	Org C	10YR 4/3	2-6cm 5%	FO	25	IMP										3b		I											3b	
164	60	0-30	Org C	10YR 4/2	2-6cm 5%	FO	30-120	C											30	30 IV											4	
165	83	0-25	Org C	10YR 4/3	2-6cm 5%	FO	25	IMP													I											3b
166	80	0-50	HCL	10YR 4/3	2-6cm 5%		50	IMP													I											3a
167	76	0-70	HCL	10YR 4/3			70	IMP													I											3a
168	72	0-50	HCL	10YR 4/3	2-6cm 5%		50	IMP													I											3a
169	61	0-30	Org C	10YR 4/2	2-6cm 5%	FO	30-120	C											30	30 IV												4
170	80	0-70	HCL	10YR 4/3			70	IMP													I											3a
171	77	0-50	HCL	10YR 4/3	2-6cm 5%		50	IMP													I											3a
172	72	0-50	HCL	10YR 4/3	2-6cm 5%		50	IMP													I											3a
173	75	0-30	Org HCL	10YR 4/1		MO	30-120	C											30	30 IV												4
174	73	0-50	HCL	10YR 4/3	2-6cm 5%		50	IMP													I											3a
175	69	0-30	Org HCL	10YR 4/1		MO	30-120	C											30	30 IV												4
176	69	0-30	Org HCL	10YR 4/1		MO	30-120	C											30	30 IV												4
53.67																																

**Appendix 4b - survey point assesment of Area B**

Sample No	Altitude	Topsoil				Upper Subsoil					Lower Subsoil					Wetness Assesment			Grade limit by			
		Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure		Depth to SPL	Gley	Wetness Class
1	62	0-30	C	10YR 3/4	5%		30-60	C	2.5Y 5/6		CO	Moderate	60-120	C	2.5Y 6/6	5%		Moderate			I	3b
2	61	0-30	C	10YR 3/4	5%		30-60	C	2.5Y 5/6		CO	Moderate	60-120	C	2.5Y 6/6	5%		Moderate			I	3b
3	56	0-30	C	10YR 3/4	5%		30-120	C	2.5Y 5/4		CO	Moderate									I	3b
4	61	0-30	C	10YR 3/4	5%		30-60	C	2.5Y 5/6		CO	Moderate	60-120	C	2.5Y 6/6	5%		Moderate			I	3b
5	59	0-30	C	10YR 3/4	5%		30-60	C	2.5Y 5/6		CO	Moderate	60-120	C	2.5Y 6/6	5%		Moderate			I	3b
6	54	0-30	C	10YR 3/4	5%		30-60	C	2.5Y 5/6		CO	Moderate	60-120	C	2.5Y 6/6	5%		Moderate			I	3b
7	54	0-35	C	10YR 4/3		CO	35-120	ZC	10YR 5/1		CO	Poor							35	35	IV	4
8	60	0-30	HCL	10YR 3/4	5%		30-70	C	2.5Y 5/6		CO	Moderate	70-120	C	2.5Y 6/6	5%		Moderate			I	3a
9	59	0-30	HCL	10YR 3/4	5%		30-120	C	2.5Y 5/6		CO	Moderate									I	3a
10	55	0-30	C	10YR 3/4	5%		30-70	C	2.5Y 5/6		CO	Moderate	70-120	C	2.5Y 6/6	5%		Moderate			I	3b
11	51	0-30	C	10YR 4/3		CO	30-120	C	10YR 5/1		CO	Poor							30	30	IV	4
12	52	0-30	C	10YR 4/3		CO	30-120	C	10YR 5/1		CO	Poor							30	30	IV	4
13	55	0-35	HCL	7.5YR 4/2			35-120	ZC	10YR 5/3			Moderate								35	III	3b
14	56	0-30	C	10YR 4/2	5%	CO	30-50	C	2.5Y 6/1		MOB	Poor	50	IMP				30	30	IV	4	
15	61	0-30	HCL	10YR 4/2		FB	30-50	C	10YR 4/4		FO	Moderate	50	IMP							I	3a
16	61	0-30	HCL	10YR 4/2		FB	30-120	C	10YR 5/4		FO	Moderate									I	3a
17	57	0-30	HCL	10YR 4/2		FB	30-60	C	10YR 4/4		FO	Moderate	60-70	C	2.5Y 5/4		MO	Moderate			I	3a
18	52	0-30	HCL	10YR 4/2		FB	30-60	C	10YR 4/4		FO	Moderate	60-70	C	2.5Y 5/1		MO	Poor	60	60	III	3b
19	48	0-30	C	10YR 4/3		CO	30-120	C	10YR 5/1		CO	Poor							30	30	IV	4
20	49	0-30	C	10YR 4/3		CO	30-120	ZC	10YR 5/1		CO	Poor							30	30	IV	4
21	53	0-35	HCL	7.5YR 4/2			35-120	ZC	10YR 5/4			Moderate									I	3a
22	61	0-35	HCL	7.5YR 4/2			35-120	ZC	10YR 5/3			Moderate								35	III	3b
23	59	0-30	C	10YR 4/2	10%	CO	30-50	C	2.5Y 6/1		MOB	CAB	50	IMP				30	30	IV	4	
24	61	0-30	C	10YR 4/2	10%	CO	30-45	C	2.5Y 6/1		MOB	CAB	45	IMP				30	30	IV	4	
25	66	0-30	C	10YR 4/2	10%	CO	30-45	C	2.5Y 6/1		MOB	CAB	45	IMP				30	30	IV	4	
26	70	0-45	C	10YR 4/2			45-60	ZC	10YR 3/3	10%	CO	Moderate	70	IMP							I	3b
27	66	0-35	HCL	10YR 4/2			35-60	HCL	10YR 5/4	10%	CO	Moderate	60	IMP							I	3a
28	65	0-35	HCL	10YR 4/2			35-60	HCL	10YR 5/4	10%	CO	Moderate	60	IMP							I	3a
29	65	0-35	HCL	10YR 4/2			35-60	HCL	10YR 5/4	10%	CO	Moderate	60-120	C	2.5Y 5/4		MO	Moderate			I	3a
30	64	0-30	HCL	10YR 4/2		FB	30-60	C	10YR 4/4		FO	Moderate	60-70	C	2.5Y 5/4		MO	Moderate			I	3a
31	60	0-30	HCL	10YR 4/2		FB	30-50	C	10YR 4/4		FO	Moderate	50-120	C	2.5Y 5/4		MO	Moderate			I	3a
32	54	0-35	HCL	10YR 3/3	10%		35	IMP													I	3a
33	46	0-30	C	10YR 4/3		CO	30-120	ZC	10YR 5/1		CO	Poor							30	30	IV	4
34	46	0-30	C	10YR 4/3		CO	30-120	ZC	10YR 5/1		CO	Poor							30	30	IV	4
35	52	0-35	HCL	7.5YR 4/2			35-120	ZC	10YR 5/3			Moderate								35	III	3b
36	58	0-30	HCL	7.5YR 4/2			30-120	ZC	10YR 5/3			Moderate								30	III	3b
37	62	0-30	C	10YR 4/2	5%	CO	30-70	C	2.5Y 6/1		MO	Poor	70	IMP				30	30	IV	4	
38	64	0-30	HCL	10YR 4/2	5%	CO	30-70	C	2.5Y 6/1		MO	Poor	70	IMP				30	30	IV	4	
39	68	0-30	HCL	10YR 4/2	5%	CO	30-70	C	2.5Y 6/1		MO	Poor	70	IMP				30	30	IV	4	
40	72	0-30	HCL	10YR 4/2	5%	CO	30-70	C	2.5Y 6/1		MO	Poor	70	IMP				30	30	IV	4	
41	68	0-30	C	10YR 4/3	5		30-60	C	10YR 5/2		MO	Poor	60-80	C	2.5Y 5/1		MO	Poor	30	30	IV	4
42	72	0-30	C	10YR 4/3	5		30-60	C	10YR 5/2		MO	Poor	60-80	C	2.5Y 5/1		MO	Poor	30	30	IV	4
43	75	0-30	C	10YR 4/3	5		30-120	C	10YR 5/1		MO	Poor							30	30	IV	4
44	66	0-35	HCL	10YR 4/2			35-60	HCL	10YR 5/4	10%	CO	Moderate	60	IMP							I	3a
45	61	0-30	C	10YR 4/2			30-60	HCL	10YR 4/4	10%	CO	Moderate	60	IMP							I	3b
46	66	0-35	HCL	10YR 4/3	5%		35-50	C	10YR 5/2	10%	CO	Poor	50	IMP				35	35	IV	4	
47	67	0-35	HCL	10YR 4/3	5%		35-50	C	10YR 5/1	10%	CO	Poor	50	IMP				35	35	IV	4	
48	63	0-30	HCL	10YR 4/3	5%		30-50	C	10YR 5/2	10%	CO	Poor	50	IMP				30	30	IV	4	
49	60	0-30	HCL	10YR 4/3	5%		30-60	C	10YR 5/1	10%	CO	Poor	60	IMP				30	30	IV	4	
50	54	0-35	HCL	10YR 4/3	5%		35-50	C	10YR 5/2	10%	CO	Poor	50	IMP				35	35	IV	4	
51	52	0-30	HCL	10YR 4/3	5%		30-60	C	10YR 5/1	10%	CO	Poor	60	IMP				30	30	IV	4	
52	45	0-30	C	10YR 4/3		CO	30-120	C	10YR 5/1		CO	Poor							30	30	IV	4
53	43	0-30	C	10YR 4/3	20%		30	IMP													I	3b
54	49	0-45	HCL	7.5YR 4/2			45-80	ZC	7.5YR 5/4	10%		Moderate	80-120	ZC	10YR 4/1		CO	Poor			I	3a















Sample No	Altitude	Topsoil					Upper Subsoil					Lower Subsoil					Wetness Assessment			Grade limit by Wetness		
		Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL		Gley	Wetness Class
388	68	0-30	C	7.5YR 4/2	2%		30-60	C	10YR 4/4		CO	Moderate	60	IMP						I	3b	
389	65	0-30	C	10YR 4/2		CO	30-50	ZC	10YR 5/2	5%	COB	Poor	50-120	C	10YR 4/1	30%	COB	Poor	30	30	IV	4
390	56	0-30	C	10YR 4/2			30-50	C	10YR 6/3		CO	Poor	50-120	C	10YR 6/1		CO	Poor	35	35	IV	4
391	52	0-35	C	10YR 4/2	2%	MO	35-120	C	10YR 6/1		MOB	Poor							35	35	IV	4
392	54	0-30	C	10YR 4/2	5%	CO	30-120	C	10YR 5/1		COB	Poor							30	30	IV	4
393	57	0-30	C	10YR 4/2	5%	CO	30-70	C	10YR 5/1		COB	Poor	70	IMP					30	30	IV	4
394	58	0-30	C	10YR 4/2	5%	CO	30-60	C	10YR 5/1		COB	Poor	60	IMP					30	30	IV	4
395	63	0-35	C	10YR 4/2	5%	FO	35-50	C	10YR 5/2		CO	Moderate	50	IMP						35	III	4
396	56	0-30	C	10YR 4/2	5%	CO	30-120	C	10YR 5/1		COB	Poor							30	30	IV	4
397	68	0-30	C	10YR 4/2	5%	CO	30-70	C	10YR 5/2		COB	Poor	70-120	C	10YR 6/1		COB	Poor	30	30	IV	4
398	62	0-40	C	7.5YR 3/2	5%		40-70	ZC	7.5YR 5/3	10%	FOB	Moderate	70	IMP						I	3b	

61.45









Sample No	Altitude	Topsoil				Upper Subsoil							Lower Subsoil							Grade limit by Depth	Wetness Assesment			Grade limit by Wetness	Grade by most limiting factor			
		Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL		Gley	Wetness Class						
192	53	0-30	HCL	2.5Y 4/2			30-40	C																				
193	83	0-25	HCL	7.5YR 4/3	2-6cm 2%	FO	25	IMP										3b		I	3b	3b						
194	89	0-30	HCL	10YR 5/1	2-6cm 5%	FO	30-65	HCL	2.5Y 6/3	5%	MOB	Moderate	65	IMP						30	III	3b	3b					
195	96	0-30	HCL	10YR 5/1	2-6cm 5%	FO	30-50	HCL	2.5Y 6/3	10%	MOB	Moderate	50-120	HCL	2.5Y 3/2	10%	MOB	Poor		50	30	IV	4	4				
196	102	0-30	HCL	10YR 5/1	2-6cm 3%	FOB	30-60	HCL	2.5Y 6/3	3%	COB	Moderate	60-120	C	N 5/	3%	FOB	Poor		60	30	III	3b	3b				
197	109	0-30	HCL	10YR 5/2	2-6cm 2%	FO	30	IMP										3a		I	3a	3a						
198	111	0-25	HCL	10YR 4/1	2-6cm 2%	FO	25	IMP										3b		I	3a	3b						
199	110	0-20	HCL	10YR 4/2	2-6cm 5%	FO	20	IMP										3b		I	3a	3b						
200	104	0-25	HCL	10YR 4/2	2-6cm 5%	FO	25	IMP										3b		I	3a	3b						
201	100	0-25	HCL	10YR 4/2	2-6cm 5%	FO	25	IMP										3b		I	3a	3b						
202	73	0-40	C	7.5YR 4/2			40-65	C	10YR 4/3	10%		Moderate	65	IMP							I	3b	3b					
203	67	0-60	HCL	7.5Y 4/4	2-6cm 10%	CO	60-80	C	10YR 5/4		CO	Moderate	80-120	HCL	10YR 5/6	15%	COB	Moderate			I	3a	3a					
204	64	0-35	HCL	10YR 4/3			35-70	C	7.5YR 4/4	15%		MSAB	70	IMP							I	3a	3a					
205	62	0-35	HCL	2.5Y 4/2			35-65	C	2.5Y 6/4		CO	Poor	65-120	C	5Y 6/3				35	35	IV	4	4					
206	115	0-30	HCL	10YR 5/2	2-6cm 2%	FO	30	IMP										3a		I	3a	3a						
207	116	0-25	HCL	10YR 4/1	2-6cm 2%	FO	25	IMP										3b		I	3a	3b						
208	113	0-25	HCL	10YR 4/2	2-6cm 2%	FO	25	IMP										3b		I	3a	3b						
209	107	0-20	HCL	10YR 4/2	2-6cm 7%	FO	20	IMP										3b		I	3a	3b						
210	100	0-20	HCL	10YR 4/2	2-6cm 7%	FO	20	IMP										3b		I	3a	3b						

68.65









Sample No	Altitude	Topsoil				Upper Subsoil				Lower Subsoil				Grade limit by Depth	Wetness Assessment			Grade limit by Wetness	Droughtiness Assessment		Grade limit by Droughtiness	Grade by most limiting factor		
		Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth		Texture	Colour	Stoniness		Mottles	Structure			Depth to SPL	Gley
297	58	0-25	HCL	10YR 3/4	5%	FO	25	IMP										3b		I				3b
298	59	0-30	HCL	10YR 3/4	5%	FO	30	IMP										3a		I				3a
299	59	0-30	HCL	10YR 3/2	5%	FO	30-60	C	2.5Y 6/1		COGB	Poor	60	IMP						30 IV				4
300	59	0-30	HCL	10YR 3/2	5%	FO	30-70	C	2.5Y 6/1		COGB	Poor	70	IMP						30 IV				4
301	59	0-40	HCL	10YR 3/2	5%	FO	40-50	C	2.5Y 6/1		COGB	Poor	50	IMP				2	40	40	III			3b
302	59	0-40	HCL	10YR 3/2	5%	FO	40-50	C	2.5Y 6/1		COGB	CAB	50	IMP				2	40	40	III			3b
303	58	0-30	HCL	10YR 3/4	5%	FO	30-50	HCL	10YR 4/4		COGB	Moderate	50	IMP				2			I			3a
304	58	0-30	HCL	10YR 3/4	5%	FO	30-50	HCL	10YR 4/4		COGB	Moderate	50	IMP				2			I			3a

66.48



**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36850-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>13-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698999	SOIL699000	SOIL699001	SOIL699002	SOIL699003	SOIL699004	SOIL699005	SOIL699006	SOIL699007	SOIL699008
Sample Reference		MAEN HIR A9	MAEN HIR A16	MAEN HIR A30	MAEN HIR A36	MAEN HIR A69	MAEN HIR A87	MAEN HIR A93	MAEN HIR A105	MAEN HIR A121	MAEN HIR A139
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Coarse Sand 2.00-0.63mm	% w/w	7	6	5	8	13	7	6	6	6	12
Medium Sand 0.63-0.212mm	% w/w	12	11	12	9	11	9	7	11	8	6
Fine Sand 0.212-0.063mm	% w/w	26	16	17	13	15	13	15	17	14	11
Silt 0.063-0.002mm	% w/w	41	43	47	41	37	44	48	44	47	46
Clay <0.002mm	% w/w	14	24	19	29	24	27	24	22	25	25
Organic Matter LOI	% w/w	4.9	8.4	9.3	14.0	9.6	7.6	8.7	8.8	6.2	9.3
Textural Class **		mSZL	MCL	MCL	O-HCL	MCL	HCL	MCL	MCL	MCL	MCL

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36851-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>13-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699009	SOIL699010							
Sample Reference		MAEN HIR A145	MAEN HIR A160							
Determinand	Unit	SOIL	SOIL							
Coarse Sand 2.00-0.63mm	% w/w	9	11							
Medium Sand 0.63-0.212mm	% w/w	8	7							
Fine Sand 0.212-0.063mm	% w/w	12	9							
Silt 0.063-0.002mm	% w/w	45	36							
Clay <0.002mm	% w/w	26	37							
Organic Matter LOI	% w/w	8.0	24.6							
Textural Class **		MCL	P-C							

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36854-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>17-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699021	SOIL699022							
Sample Reference		MAEN HIR A164	MAEN HIR A166							
Determinand	Unit	SOIL	SOIL							
Coarse Sand 2.00-0.63mm	% w/w	3	17							
Medium Sand 0.63-0.212mm	% w/w	3	8							
Fine Sand 0.212-0.063mm	% w/w	9	9							
Silt 0.063-0.002mm	% w/w	41	33							
Clay <0.002mm	% w/w	44	33							
Organic Matter LOI	% w/w	16.8	8.2							
Textural Class **		O-C	HCL							

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      ***Gabrielle Parkes***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>97069-23</b>	<b>R600</b>	<b>ANALYSIS SERVICES DIRECT</b>	<b>Client</b>	<b>ARWEL WILLIAMS</b>
<b>Date Received</b>	<b>25-OCT-2023</b>		<b>NRM LABORATORIES</b>		<b>WELSH GOVERNMENT</b>
<b>Date Reported</b>	<b>03-NOV-2023</b>		<b>COOPERS BRIDGE</b>		<b>BRYN ELEN</b>
<b>Project</b>	<b>SOIL</b>		<b>BRAZIERS LANE</b>		<b>RHOSTRYFAN</b>
<b>Reference</b>	<b>ARWEL WILLIAMS</b>		<b>BRACKNELL</b>		<b>CAERNARFON</b>
<b>Order Number</b>	<b>20331167</b>		<b>BERKS</b>		<b>LL54 7PF</b>

Laboratory Reference		SOIL659977	SOIL659978	SOIL659979	SOIL659980	SOIL659981	SOIL659982			
Sample Reference		MON 20	MON 75	MON 78	MON 79	MON 87	MON 92			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Coarse Sand 2.00-0.63mm	% w/w	22	5	12	5	21	6			
Medium Sand 0.63-0.212mm	% w/w	9	4	9	7	9	7			
Fine Sand 0.212-0.063mm	% w/w	6	6	10	8	9	5			
Silt 0.063-0.002mm	% w/w	31	38	41	46	33	41			
Clay <0.002mm	% w/w	32	47	28	34	28	41			
Organic Matter LOI	% w/w	9.8	11.8	8.4	9.7	8.5	10.4			
Textural Class **		HCL	C	HCL	HCL/HZCL	HCL	C			

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      ***Myles Nicholson***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

Survey points are from original semi-detailed assessment of a slightly different area, survey points on new mapping are as follows

Original sample point (above)	New Sample point
20	32
75	270
78	302
79	304
87	326
92	339

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36611-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>17-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>04-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698624	SOIL698625	SOIL698626	SOIL698627	SOIL698628	SOIL698629	SOIL698630	SOIL698631	SOIL698632	SOIL698633
Sample Reference		MAEN HIR B75	MAEN HIR B134	MAEN HIR B152	MAEN HIR B161	MAEN HIR B175	MAEN HIR B179	MAEN HIR B182	MAEN HIR B195	MAEN HIR B247	MAEN HIR B261
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Coarse Sand 2.00-0.63mm	% w/w	10	18	13	10	9	8	9	7	6	16
Medium Sand 0.63-0.212mm	% w/w	6	8	8	8	5	6	7	7	6	10
Fine Sand 0.212-0.063mm	% w/w	8	7	8	10	6	6	9	9	7	7
Silt 0.063-0.002mm	% w/w	40	34	42	39	37	37	41	42	44	35
Clay <0.002mm	% w/w	36	33	29	33	43	43	34	35	37	32
Organic Matter LOI	% w/w	7.2	7.3	6.7	10.7	10.8	10.8	11.6	10.7	12.6	10.5
Textural Class **		C	HCL	HCL	HCL	C	C	HCL	C/HCL	C	HCL

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
The results as reported relate only to the item(s) submitted for testing.  
The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
Natural Resource Management, a trading division of Cawood Scientific Ltd.  
Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
Tel: 01344 886338  
Fax: 01344 890972  
email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36612-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>17-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>04-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698634	SOIL698635	SOIL698636	SOIL698637	SOIL698638	SOIL698639	SOIL698640	SOIL698641		
Sample Reference		MAEN HIR B292	MAEN HIR B306	MAEN HIR B327	MAEN HIR B331	MAEN HIR B336	MAEN HIR B351	MAEN HIR B384	MAEN HIR B395		
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
Coarse Sand 2.00-0.63mm	% w/w	3	7	13	7	5	4	1	4		
Medium Sand 0.63-0.212mm	% w/w	4	6	8	7	7	4	4	7		
Fine Sand 0.212-0.063mm	% w/w	5	9	11	7	9	6	5	11		
Silt 0.063-0.002mm	% w/w	39	45	36	39	41	40	41	39		
Clay <0.002mm	% w/w	49	33	32	40	38	46	49	39		
Organic Matter LOI	% w/w	11.4	9.2	6.9	10.3	10.3	10.5	13.5	10.6		
Textural Class **		C	HCL	HCL	C	C	C	C	C		

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36853-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>17-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699017	SOIL699018	SOIL699019						
Sample Reference		MAEN HIR B12	MAEN HIR B17	MAEN HIR B58						
Determinand	Unit	SOIL	SOIL	SOIL						
Coarse Sand 2.00-0.63mm	% w/w	3	13	2						
Medium Sand 0.63-0.212mm	% w/w	5	9	8						
Fine Sand 0.212-0.063mm	% w/w	7	11	13						
Silt 0.063-0.002mm	% w/w	44	32	44						
Clay <0.002mm	% w/w	41	35	33						
Organic Matter LOI	% w/w	11.0	10.2	12.5						
Textural Class **		O-C	O-C/HCL	O-HCL						

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      ***Gabrielle Parkes***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36846-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>11-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698983	SOIL698984	SOIL698985	SOIL698986	SOIL698987	SOIL698988	SOIL698989	SOIL698990	SOIL698991	SOIL698992
Sample Reference		MAEN HIR C20	MAEN HIR C20SS	MAEN HIR C46	MAEN HIR C51	MAEN HIR C58	MAEN HIR C85	MAEN HIR C99	MAEN HIR C123	MAEN HIR C132	MAEN HIR C161
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Coarse Sand 2.00-0.63mm	% w/w	3	9	2	8	4	5	9	7	3	6
Medium Sand 0.63-0.212mm	% w/w	7	11	4	9	4	7	6	6	4	8
Fine Sand 0.212-0.063mm	% w/w	13	20	10	10	13	11	9	10	9	13
Silt 0.063-0.002mm	% w/w	43	41	49	39	44	42	43	38	44	39
Clay <0.002mm	% w/w	34	19	35	34	35	35	33	39	40	34
Organic Matter LOI	% w/w	9.3	2.8	8.6	10.3	10.2	7.5	8.7	10.9	10.5	12.6
Textural Class **		HCL	MCL	ZC/HZCL	O-HCL	O-C/HCL	C/HCL	HCL	O-C	O-C	O-HCL

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.



**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36847-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>11-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698993	SOIL698994							
Sample Reference		MAEN HIR C167	MAEN HIR C204							
Determinand	Unit	SOIL	SOIL							
Coarse Sand 2.00-0.63mm	% w/w	6	5							
Medium Sand 0.63-0.212mm	% w/w	7	7							
Fine Sand 0.212-0.063mm	% w/w	13	10							
Silt 0.063-0.002mm	% w/w	45	43							
Clay <0.002mm	% w/w	29	35							
Organic Matter LOI	% w/w	7.8	11.8							
Textural Class **		HCL	O-C/HCL							

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36848-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>11-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698995	SOIL698996							
Sample Reference		MAEN HIR C88	MAEN HIR C88SS							
Determinand	Unit	SOIL	SOIL							
Coarse Sand 2.00-0.63mm	% w/w	4	6							
Medium Sand 0.63-0.212mm	% w/w	8	6							
Fine Sand 0.212-0.063mm	% w/w	10	7							
Silt 0.063-0.002mm	% w/w	44	43							
Clay <0.002mm	% w/w	34	38							
Organic Matter LOI	% w/w	8.1	3.4							
Textural Class **		HCL	C							

**Notes**

Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.
Document Control	<b>This test report shall not be reproduced, except in full, without the written approval of the laboratory.</b>

Reported by ***Teresa Clyne***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36849-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>11-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL698997	SOIL698998							
Sample Reference		MAEN HIR D204SS	MAEN HIR D295							
Determinand	Unit	SOIL	SOIL							
Coarse Sand 2.00-0.63mm	% w/w	2	1							
Medium Sand 0.63-0.212mm	% w/w	2	2							
Fine Sand 0.212-0.063mm	% w/w	7	12							
Silt 0.063-0.002mm	% w/w	67	40							
Clay <0.002mm	% w/w	22	45							
Organic Matter LOI	% w/w	3.8	32.3							
Textural Class **		MZCL	P-C							

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Teresa Clyne*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36852-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>17-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699011	SOIL699012	SOIL699013	SOIL699014	SOIL699015	SOIL699016			
Sample Reference		MAEN HIR D77	MAEN HIR D85	MAEN HIR D115	MAEN HIR D118	MAEN HIR D120	MAEN HIR D132			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Coarse Sand 2.00-0.63mm	% w/w	11	16	4	4	3	11			
Medium Sand 0.63-0.212mm	% w/w	8	9	7	5	6	12			
Fine Sand 0.212-0.063mm	% w/w	14	14	13	19	11	13			
Silt 0.063-0.002mm	% w/w	39	44	42	52	43	31			
Clay <0.002mm	% w/w	28	17	34	20	37	33			
Organic Matter LOI	% w/w	10.8	6.0	9.7	7.1	11.7	12.2			
Textural Class **		O-HCL	cSZL	HCL	MCL	O-C	O-HCL			

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      ***Gabrielle Parkes***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36855-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>17-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699023	SOIL699024	SOIL699025	SOIL699026	SOIL699027	SOIL699028			
Sample Reference		MAEN HIR D6	MAEN HIR D22	MAEN HIR D42	MAEN HIR D56	MAEN HIR D60	MAEN HIR D75			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Coarse Sand 2.00-0.63mm	% w/w	14	7	4	4	8	7			
Medium Sand 0.63-0.212mm	% w/w	8	6	5	4	9	7			
Fine Sand 0.212-0.063mm	% w/w	13	13	18	9	15	16			
Silt 0.063-0.002mm	% w/w	40	43	46	44	41	44			
Clay <0.002mm	% w/w	25	31	27	39	27	26			
Organic Matter LOI	% w/w	6.2	7.1	8.2	10.6	7.3	8.4			
Textural Class **		MCL	HCL	HCL	O-C	HCL	MCL			

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Gabrielle Parkes*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36856-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>18-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699029	SOIL699030	SOIL699031	SOIL699032	SOIL699033	SOIL699034			
Sample Reference		MAEN HIR D139	MAEN HIR D142	MAEN HIR D170	MAEN HIR D175	MAEN HIR D181	MAEN HIR D191			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Coarse Sand 2.00-0.63mm	% w/w	11	5	7	8	0	1			
Medium Sand 0.63-0.212mm	% w/w	11	5	6	6	1	5			
Fine Sand 0.212-0.063mm	% w/w	14	12	15	10	13	13			
Silt 0.063-0.002mm	% w/w	35	34	37	47	54	43			
Clay <0.002mm	% w/w	29	44	35	29	32	38			
Organic Matter LOI	% w/w	14.4	34.1	31.6	3.0	9.8	13.0			
Textural Class **		O-HCL	P-C	P-C/HCL	HCL	HZCL	O-C			

**Notes**

Analysis Notes      The sample submitted was of adequate size to complete all analysis requested.  
 The results as reported relate only to the item(s) submitted for testing.  
 The results are presented on an as received basis unless otherwise stipulated.

Document Control      **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**

Reported by      *Karen Mitchell*  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

\*\* Please see the attached document for the definition of textural classes.

**ANALYTICAL REPORT**

<b>Report Number</b>	<b>36896-24</b>	<b>W250</b>	<b>AMET PROPERTY</b>
<b>Date Received</b>	<b>20-MAY-2024</b>		<b>HENWICK BARN</b>
<b>Date Reported</b>	<b>18-JUN-2024</b>		<b>BULWICK</b>
<b>Project</b>	<b>SOIL</b>		<b>CORBY</b>
<b>Reference</b>	<b>LIGHTSOURCE</b>		<b>NORTHANTS</b>
<b>Order Number</b>			<b>NN17 3DU</b>

Laboratory Reference		SOIL699124	SOIL699125	SOIL699126	SOIL699127	SOIL699128	SOIL699129			
Sample Reference		MAEN HIR D204	MAEN HIR D223	MAEN HIR D239	MAEN HIR D243	MAEN HIR D251	MAEN HIR D275			
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Coarse Sand 2.00-0.63mm	% w/w	4	3	6	5	18	6			
Medium Sand 0.63-0.212mm	% w/w	3	6	7	7	9	6			
Fine Sand 0.212-0.063mm	% w/w	12	13	14	14	12	12			
Silt 0.063-0.002mm	% w/w	48	46	45	48	40	47			
Clay <0.002mm	% w/w	33	32	28	26	21	29			
Organic Matter LOI	% w/w	15.8	8.9	10.6	9.6	7.7	5.7			
Textural Class **		O-HZCL	HCL	O-HCL	MCL	MCL	HCL			

**Notes**

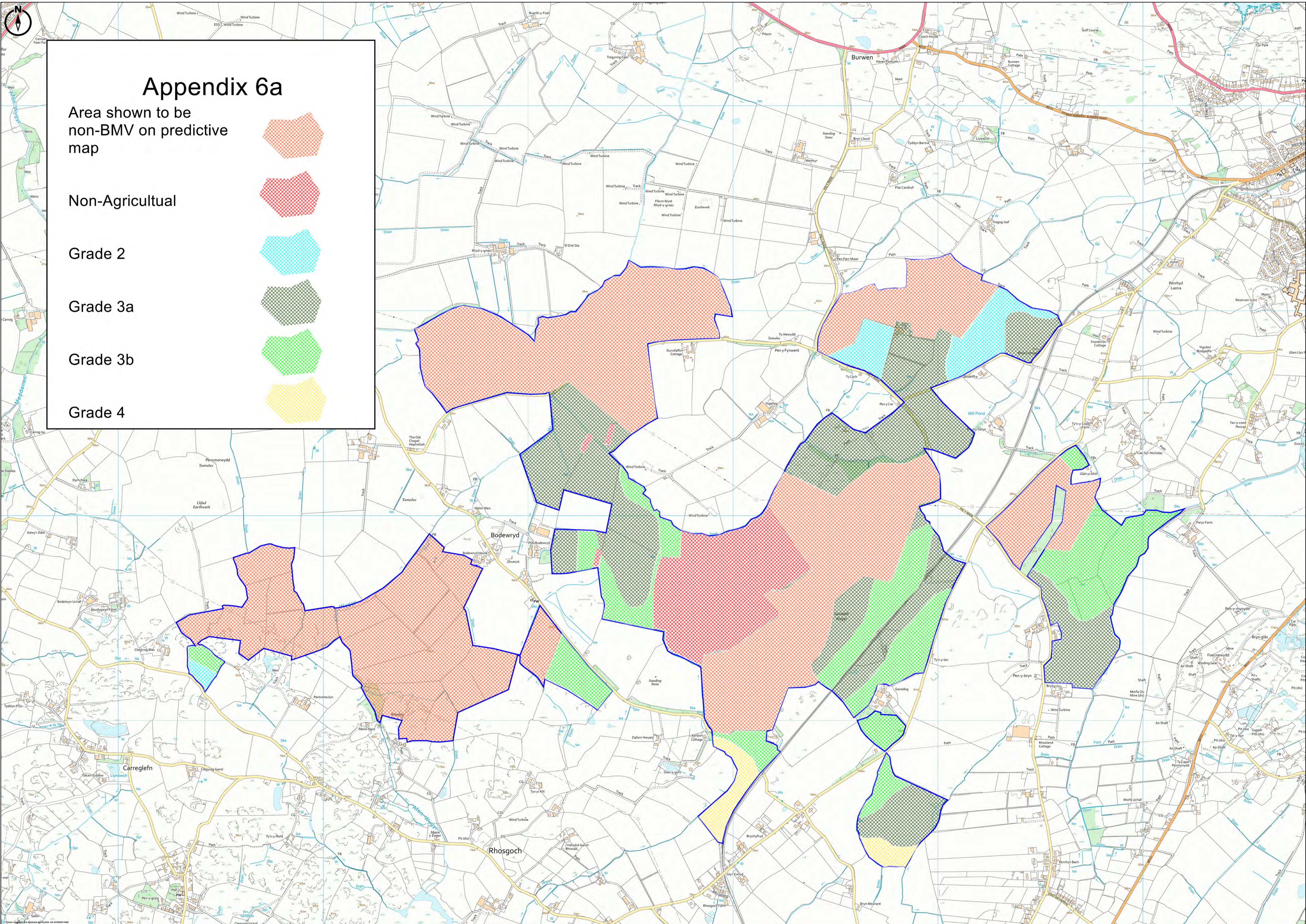
Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on an as received basis unless otherwise stipulated.
Document Control	<b>This test report shall not be reproduced, except in full, without the written approval of the laboratory.</b>

Reported by ***Karen Mitchell***  
 Natural Resource Management, a trading division of Cawood Scientific Ltd.  
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS  
 Tel: 01344 886338  
 Fax: 01344 890972  
 email: enquiries@nrm.uk.com

## APPENDIX 5 - DESCRIPTION OF ALC GRADES

- Grade 1 - excellent quality agricultural land Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.
- Grade 2 - very good quality agricultural land Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
- Grade 3 - good to moderate quality agricultural land Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
- Subgrade 3a - good quality agricultural land Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
- Subgrade 3b - moderate quality agricultural land Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
- Grade 4 - poor quality agricultural land Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
- Grade 5 - very poor-quality agricultural land Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.





# Appendix 6a

Area shown to be non-BMV on predictive map



Non-Agricultural



Grade 2



Grade 3a

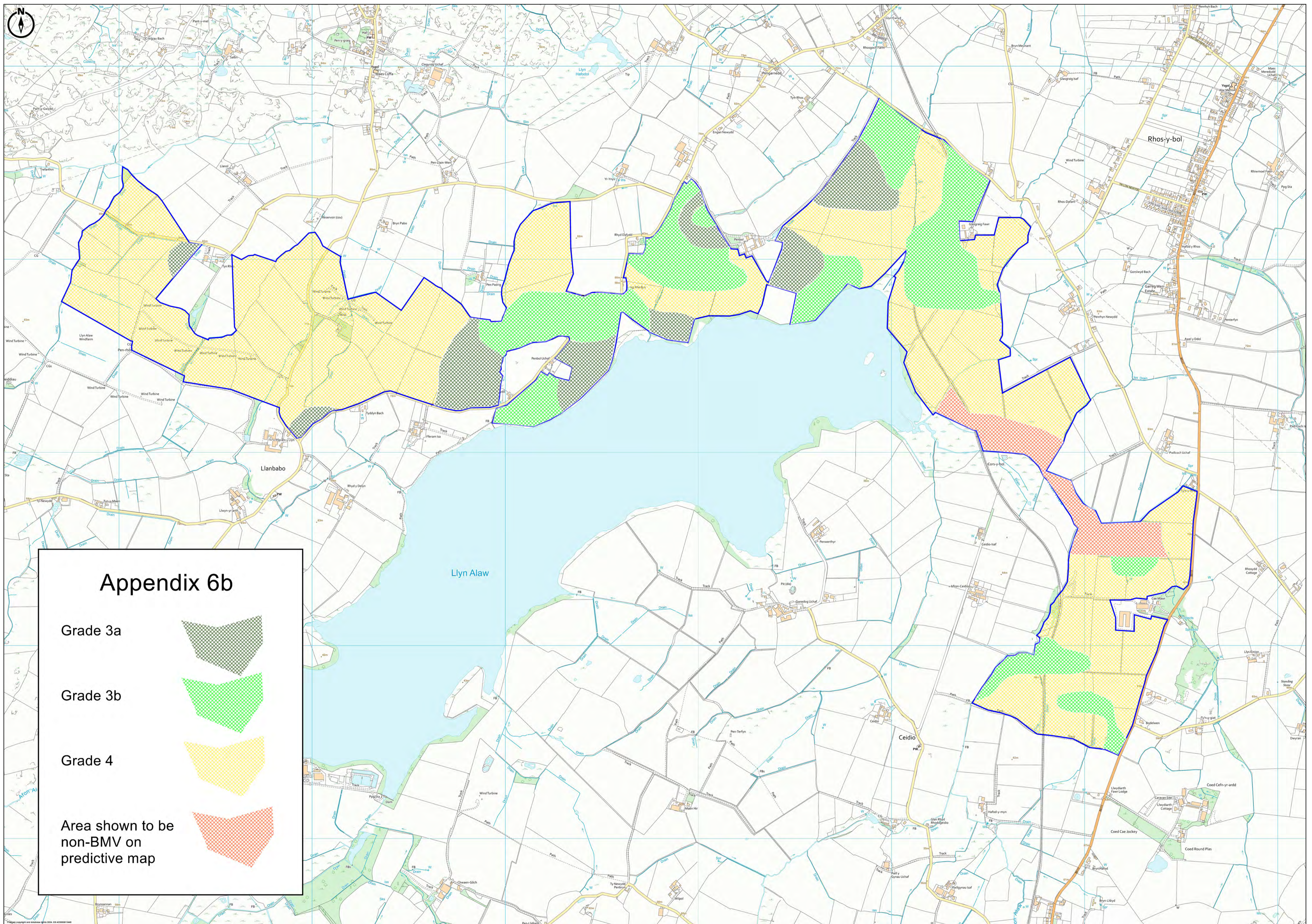


Grade 3b



Grade 4





### Appendix 6b

Grade 3a



Grade 3b



Grade 4



Area shown to be non-BMV on predictive map

