APPENDIX 7-4

SURVEY DATA

Table of Contents

SURVEY DATA 1

Chough 1
Golden plover 24
Goshawk 25
Hen harrier 25
Peregrine falcon 28
Curlew 30
Goldeneye 30
Grey wagtail 31
Kestrel 35
Meadow pipit 68
Red grouse 114
Redwing 115
Ring ouzel 119
Snipe 119
Stock dove 125
Swift 125
Woodcock 126
Buzzard 127
Sparrowhawk 137
Little egret 143
White-tailed eagle 144
Whooper swan 144
Barn owl 145
Long-eared owl 145
Merlin 145

SURVEY MAPS 146

Chough 146
Golden plover 152
Goshawk 155
Hen harrier 156
Peregrine falcon 161
Curlew 164
Goldeneye 165
Grey wagtail 166
Kestrel 171
Meadow pipit 176
Red grouse 180
Redwing 182
Ring ouzel 185
Snipe 186
Stock dove 191
Swift 194
Woodcock 196
Buzzard 199
Sparrowhawk 204
Little egret 209
White-tailed eagle 211
Whooper swan 212

Barn owl 213
Long-eared owl 215
Merlin 216

Table of Tables

Table 7 - 4 - 1 Chough vantage point survey data 1
Table 7 - 4 - 2 Chough winter walkover survey data 14
Table 7 - 4 - 3 Chough breeding walkover survey data 16
Table 7 - 4 - 4 Chough breeding raptor and chough survey data 18
Table 7 - 4 - 5 Chough roost survey data 19
Table 7 - 4 - 6 Chough incidental records 20
Table 7 - 4 - 7 Golden plover vantage point survey data 24
Table 7 - 4 - 8 Golden plover winter walkover survey data 24
Table 7 - 4 - 9 Golden plover incidental records 24
Table 7 - 4 - 10 Goshawk vantage point survey data 25
Table 7 - 4 - 11 Hen harrier vantage point survey data 25
Table 7 - 4 - 12 Hen harrier winter walkover survey data 27
Table 7 - 4 - 13 Hen harrier breeding walkover survey data 27
Table 7 - 4 - 14 Hen harrier roost survey data 27
Table 7 - 4 - 15 Hen harrier incidental records 28
Table 7 - 4 - 16 Peregrine falcon vantage point survey data 28
Table 7 - 4 - 17 Peregrine falcon breeding walkover survey data 30
Table 7 - 4 - 18 Peregrine falcon breeding raptor survey data 30
Table 7 - 4 - 19 Curlew breeding walkover data 30
Table 7 - 4 - 20 Goldeneye waterbird distribution and abundance survey data 30
Table 7 - 4 - 21 Grey wagtail vantage point survey data 31
Table 7 - 4 - 22 Grey wagtail winter walkover survey data 33
Table 7 - 4 - 23 Grey wagtail breeding walkover survey data 34
Table 7 - 4 - 24 Grey wagtail waterbird distribution and abundance survey data 34
Table 7 - 4 - 25 Grey wagtail incidental records 35
Table 7 - 4 - 26 Kestrel vantage point survey data 35
Table 7 - 4 - 27 Kestrel winter walkover survey data 58
Table 7 - 4 - 28 Kestrel breeding walkover survey data 59
Table 7 - 4 - 29 Kestrel breeding raptor survey data 61
Table 7 - 4 - 30 Kestrel incidental records 65
Table 7 - 4 - 31 Meadow pipit vantage point survey data 68
Table 7 - 4 - 32 Meadow pipit winter walkover survey data 89
Table 7 - 4 - 33 Meadow pipit breeding walkover survey data 100
Table 7 - 4 - 34 Meadow pipit incidental records 109

Table 7 - 4 - 35 Red grouse vantage point survey data 114
Table 7 - 4 - 36 Red grouse winter walkover survey data 115
Table 7 - 4 - 37 Redwing vantage point survey data 115
Table 7 - 4 - 38 Redwing winter walkover survey data 117
Table 7 - 4 - 39 Redwing incidental records 118
Table 7 - 4 - 40 Ring ouzel vantage point survey data 119
Table 7 - 4 - 41 Snipe vantage point survey data 119
Table 7 - 4 - 42 Snipe winter walkover survey data 120
Table 7 - 4 - 43 Snipe breeding walkover survey data 122
Table 7 - 4 - 44 Snipe waterbird distribution and abundance survey data 122
Table 7 - 4 - 45 Snipe incidental records 124
Table 7 - 4 - 46 Stock dove vantage point data 125
Table 7 - 4 - 47 Stock dove winter walkover survey data 125
Table 7 - 4 - 48 Stock dove breeding walkover survey data 125
Table 7 - 4 - 49 Swift vantage point survey data 125
Table 7 - 4 - 50 Swift breeding walkover survey data 126
Table 7 - 4 - 51 Woodcock vantage point survey data 126
Table 7 - 4 - 52 Woodcock winter walkover survey data 126
Table 7 - 4 - 53 Woodcock incidental records 127
Table 7 - 4 - 54 Buzzard vantage point survey data 127
Table 7 - 4 - 55 Buzzard winter walkover survey data 133
Table 7 - 4 - 56 Buzzard breeding walkover survey data 133
Table 7 - 4 - 57 Buzzard breeding raptor survey data 134
Table 7 - 4 - 58 Buzzard incidental records 136
Table 7 - 4 - 59 Sparrowhawk vantage point survey data 137
Table 7 - 4 - 60 Sparrowhawk winter walkover survey data 141
Table 7 - 4 - 61 Sparrowhawk breeding walkover data 142
Table 7 - 4 - 62 Sparrowhawk breeding raptor survey data 142
Table 7 - 4 - 63 Sparrowhawk incidental records 143
Table 7 - 4 - 64 Little egret winter walkover survey data 143
Table 7 - 4 - 65 Little egret breeding walkover survey data 144
Table 7 - 4 - 66 White-tailed eagle vantage point survey data 144
Table 7 - 4 - 67 Whooper swan incidental records 144
Table 7 - 4 - 68 Barn own vantage point survey data 145
Table 7 - 4 - 69 Barn owl incidental records 145
Table 7 - 4 - 70 Long-eared owl incidental records 145
Table 7 - 4 - 71 Merlin incidental records 145

Table of Figures

Figure 7 - 4 - 1 Chough vantage point survey map 146
Figure 7 - 4 - 2 Chough winter walkover survey map 147
Figure 7 - 4 - 3 Chough breeding walkover survey map 148
Figure 7 - 4 - 4 Chough breeding raptor and chough survey map 149
Figure 7 - 4 - 5 Chough roost survey map 150
Figure 7 - 4 - 6 Chough incidental records map 151
Figure 7 - 4 - 7 Golden plover vantage point survey map 152
Figure 7 - 4 - 8 Golden plover winter walkover survey map 153
Figure 7 - 4 - 9 Golden plover incidental records map 154
Figure 7 - 4 - 10 Goshawk vantage point survey map 155
Figure 7 - 4 - 11 Hen harrier vantage point survey map 156
Figure 7 - 4 - 12 Hen harrier winter walkover survey map 157
Figure 7 - 4 - 13 Hen harrier breeding walkover survey map 158
Figure 7 - 4 - 14 Hen harrier roost survey map 159
Figure 7 - 4 - 15 Hen harrier incidental records map 160
Figure 7 - 4 - 16 Peregrine falcon vantage point survey map 161
Figure 7 - 4 - 17 Peregrine falcon breeding walkover survey map 162
Figure 7 - 4 - 18 Peregrine falcon breeding raptor survey map 163
Figure 7 - 4 - 19 Curlew breeding walkover map 164
Figure 7 - 4 - 20 Goldeneye waterbird distribution and abundance survey map 165
Figure 7 - 4 - 21 Grey wagtail vantage point survey map 166
Figure 7 - 4 - 22 Grey wagtail winter walkover survey map 167
Figure 7 - 4 - 23 Grey wagtail breeding walkover survey map 168
Figure 7 - 4 - 24 Grey wagtail waterbird distribution and abundance survey map 169
Figure 7 - 4 - 25 Grey wagtail incidental records map 170
Figure 7 - 4 - 26 Kestrel vantage point survey map 171
Figure 7 - 4 - 27 Kestrel winter walkover survey map 172
Figure 7 - 4 - 28 Kestrel breeding walkover survey map 173
Figure 7 - 4 - 29 Kestrel breeding raptor survey map 174
Figure 7 - 4 - 30 Kestrel incidental records map 175
Figure 7 - 4 - 31 Meadow pipit vantage point survey map 176
Figure 7 - 4 - 32 Meadow pipit winter walkover survey map 177
Figure 7 - 4 - 33 Meadow pipit breeding walkover survey map 178
Figure 7 - 4 - 34 Meadow pipit incidental records map 179
Figure 7 - 4 - 35 Red grouse vantage point survey map 180
Figure 7 - 4 - 36 Red grouse winter walkover survey map 181
Figure 7 - 4 - 37 Redwing vantage point survey map 182

Figure 7 - 4 - 38 Redwing winter walkover survey map 183
Figure 7 - 4 - 39 Redwing incidental records map 184
Figure 7 - 4 - 40 Ring ouzel vantage point survey map 185
Figure 7 - 4 - 41 Snipe vantage point survey map 186
Figure 7 - 4 - 42 Snipe winter walkover survey map 187
Figure 7 - 4 - 43 Snipe breeding walkover survey map 188
Figure 7 - 4 - 44 Snipe waterbird distribution and abundance survey map 189
Figure 7 - 4 - 45 Snipe incidental records map 190
Figure 7 - 4 - 46 Stock dove vantage point survey map 191
Figure 7 - 4 - 47 Stock dove winter walkover survey map 192
Figure 7 - 4 - 48 Stock dove breeding walkover survey map 193
Figure 7 - 4 - 49 Swift vantage point survey map 194
Figure 7 - 4 - 50 Swift breeding walkover survey map 195
Figure 7 - 4 - 51 Woodcock vantage point survey map 196
Figure 7 - 4 - 52 Woodcock winter walkover survey map 197
Figure 7 - 4 - 53 Woodcock incidental records map 198
Figure 7 - 4 - 54 Buzzard vantage point survey map 199
Figure 7 - 4 - 55 Buzzard winter walkover survey map 200
Figure 7 - 4 - 56 Buzzard breeding walkover survey map 201
Figure 7 - 4 - 57 Buzzard breeding raptor survey map 202
Figure 7 - 4 - 58 Buzzard incidental records map 203
Figure 7 - 4 - 59 Sparrowhawk vantage point survey map 204
Figure 7 - 4 - 60 Sparrowhawk winter walkover survey map 205
Figure 7 - 4 - 61 Sparrowhawk breeding walkover survey map 206
Figure 7 - 4 - 62 Sparrowhawk breeding raptor survey map 207
Figure 7 - 4 - 63 Sparrowhawk incidental records map 208
Figure 7 - 4 - 64 Little egret winter walkover survey map 209
Figure 7 - 4 - 65 Little egret breeding walkover survey map 210
Figure 7 - 4 - 66 White-tailed eagle vantage point survey map 211
Figure 7 - 4 - 67 Whooper swan incidental records map 212
Figure 7 - 4 - 68 Barn owl vantage point survey map 213
Figure 7 - 4 - 69 Barn owl incidental records map 214
Figure 7 - 4 - 70 Long eared owl incidental records map 215
Figure 7 - 4 - 71 Merlin incidental records 216

SURVEY DATA

Chough

Table 7 - 4 - 1 Chough vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF001	VP6	26/04/2022	13:12	Chough	2	30	25	0	0	0	improved agricultural grassland and buildings and artificial surfaces; flying, pecking at broken ground	BJ
CF002	VP6	26/04/2022	13:24	Chough	1	85	50	35	0	0	improved agricultural grassland, linear woodland/scrub and bogs; flying	BJ
CF003	VP3	28/04/2022	09:19	Chough	2	50	0	0	40	10	lowland blanket bog; flying	BJ
CF004	VP8	28/04/2022	12:05	Chough	2	249	20	5	170	0	improved agricultural grassland and dry-humid acid grassland; flying, calling, possibly landed behind hill	CC
CF005	VP8	28/04/2022	12:23	Chough	1	135	5	5	125	0	wet grassland and improved agricultural grassland; circling, landed out of sight	CC
CF006	VP8	28/04/2022	12:41	Chough	1	222	30	20	172	0	wet grassland and improved agricultural grassland; circling, may have landed	CC
CF007	VP2	28/04/2022	13:26	Chough	3	80	0	0	80	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
CF008	VP7	30/04/2022	11:03	Chough	1	312	0	0	312	0	wet grassland, dry-humid acid grassland and improved agricultural grassland; circling, calling, lost against hillside	CC
CF009	VP7	04/05/2022	12:22	Chough	2	920	0	15	905	0	wet grassland, dry-humid acid grassland and upland blanket bog; circling, flying, joined a second bird at c. ITM 510270 561927 and circled together, possible breeding?	CC
CF010	VP8	04/05/2022	14:53	Chough	1	237	0	154	83	0	dry-humid acid grassland, wet grassland and upland blanket bog; circling, flying, calling	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF011	VP1	09/05/2022	21:00	Chough	2	15	0	0	15	0	highly modified/non-native woodland, improved grassland and heath; flying	BJ
CF012	VP8	15/05/2022	09:38	Chough	1	160	110	50	0	0	wet grassland; foraging	CC
CF013	VP7	15/05/2022	14:26	Chough	1	139	10	49	80	0	improved agricultural grassland and dry-humid acid grassland; flying, calling	CC
CF014	VP4	22/06/2022	14:36	Chough	1	15	15	0	0	0	improved agricultural grassland; flying	BJ
CF015	VP3	07/07/2022	10:13	Chough	9	145	0	0	115	38	improved agricultural grassland, conifer plantation and linear woodland/scrub; flying	BJ
CF016	VP3	07/07/2022	11:35	Chough	5	30	0	0	30	0	improved agricultural grassland and exposed rock; flying	BJ
CF017	VP3	07/07/2022	11:43	Chough	5	115	5	10	50	50	improved agricultural grassland, conifer plantation and heath; flying	BJ
CF018	VP3	07/07/2022	14:01	Chough	3	20	0	0	20	0	improved agricultural grassland and conifer plantation; flying	BJ
CF019	VP6	13/07/2022	10:42	Chough	2	40	0	0	40	0	heath, improved agricultural grassland and linear woodland/scrub; flying	BJ
CF020	VP6	13/07/2022	12:27	Chough	2	10	30	0	0	0	heath and improved agricultural grassland; flying, foraging, flew in low to land behind shrub	BJ
CF021	VP6	13/07/2022	15:21	Chough	2	15	15	0	0	0	improved grassland and heath; flying	BJ
CF022	VP8	14/07/2022	13:25	Chough	7	64	64	0	0	0	improved agricultural grassland; flying, flock split and landed in fields at 2a and 2b	CC
CF025	VP8	14/07/2022	16:51	Chough	4	369	25	20	324	0	improved agricultural grassland; circled high and drifted	CC
CF026	VP8	14/07/2022	18:17	Chough	3	206	35	116	55	0	improved agricultural grassland; flying	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF027	VP4	19/07/2022	15:45	Chough	2	15	15	0	0	0	improved agricultural grassland; flying, flew out of site over ridge	BJ
CF028	VP5	20/07/2022	11:51	Chough	3	50	2	48	0	0	conifer plantation; flying, dropped down into slight clearing in forestry	BJ
CF029	VP5	20/07/2022	12:18	Chough	3	15	15	0	0	0	conifer plantation and improved agricultural grassland; flying, perched on standing stone then flew back to slight clearing in trees	BJ
CF030	VP4	26/07/2022	08:15	Chough	1	-	-	-	-	-	not recorded; foraging	EC
CF031	VP4	26/07/2022	09:20	Chough	1	-	-	-	-	-	not recorded; foraging	EC
CF032	VP3	26/07/2022	10:00	Chough	1	-	-	-	-	-	improved agricultural grassland; calling, heard only	EC
CF033	VP1	08/08/2022	15:33	Chough	2	10	10	0	0	0	conifer plantation, scrub/transitional woodland and mixed broadleaved woodland; flying, flying from behind broadleaf trees toward forestry	BJ
CF034	VP2	09/08/2022	08:51	Chough	15	-	-	-	-	-	improved agricultural grassland; foraging, present throughout survey, maximum 20	BJ
CF035	VP2	09/08/2022	12:30	Chough	18	10	10	0	0	0	exposed rock and heath; flying, flew to scree on hillside	BJ
CF036	VP2	09/08/2022	13:15	Chough	22	120	0	0	70	50	semi-natural grassland and conifer plantation; flying	BJ
CF037	VP6	10/08/2022	13:11	Chough	2	90	5	5	75	5	improved agricultural grassland, semi-natural grassland and heath; flying, calling	BJ
CF038	VP3	11/08/2022	12:13	Chough	2	5	5	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
CF039	VP8	12/08/2022	06:37	Chough	2	40	10	30	0	0	improved agricultural grassland; flying in to forage	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF040	VP8	12/08/2022	06:38	Chough	2	-	-	-	-	-	improved agricultural grassland; foraging, present same field to 09:10	CC
CF042	VP8	12/08/2022	07:10	Chough	3	-	-	-	-	-	improved agricultural grassland; foraging, recently moved. present same field to 09:10	CC
CF043	VP8	12/08/2022	09:40	Chough	2	-	-	-	-	-	improved agricultural grassland; feeding, same field as the chough from 09:10. still present since last vantage point survey	CC
CF044	VP8	12/08/2022	09:40	Chough	3	-	-	-	-	-	improved agricultural grassland; feeding, still present since last vantage point survey	CC
CF045	VP8	12/08/2022	10:46	Chough	2	88	88	0	0	0	improved agricultural grassland; flying, foraging, joined other flock	CC
CF046	VP5	16/08/2022	09:29	Chough	2	25	25	0	0	0	improved agricultural grassland and semi-natural grassland; flying	BJ
CF047	VP5	16/08/2022	09:47	Chough	3	50	50	0	0	0	improved agricultural grassland and semi-natural grassland; flying, foraging, foraging in fields then flying to the next	BJ
CF048	VP5	16/08/2022	09:50	Chough	1	50	50	0	0	0	semi-natural grassland, highly modified/non-native woodland and recently-felled woodland; flying, calling	BJ
CF049	VP5	16/08/2022	14:30	Chough	1	30	0	30	0	0	improved agricultural grassland and semi-natural grassland; flying	BJ
CF050	VP7	17/08/2022	11:28	Chough	3	126	30	26	70	0	improved agricultural grassland; flying, calling, max 50m	CC
CF051	VP2	23/08/2022	13:29	Chough	7	-	-	-	-	-	improved agricultural grassland; foraging	BJ
CF052	VP6	24/08/2022	14:06	Chough	2	75	0	0	75	0	improved agricultural grassland, heath and conifer plantation; flying	BJ
CF053	VP7	01/09/2022	13:16	Chough	2	92	12	20	60	0	improved agricultural grassland and dry-humid acid grassland; circling, flying	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF055	VP8	02/09/2022	07:04	Chough	3	-	-	-	-	-	improved agricultural grassland; foraging, some short brief flights, still present foraging in same field at end of watch	CC
CF056	VP8	02/09/2022	12:40	Chough	3	-	-	-	-	-	improved agricultural grassland; foraging, same field as this morning	CC
CF057	VP8	02/09/2022	14:10	Chough	2	-	-	-	-	-	recolonising bare ground; foraging, end of track may have been here some time, seen on and off, often out of view presumed to end of watch	CC
CF058	VP8	02/09/2022	14:59	Chough	3	105	105	0	0	0	improved agricultural grassland; flying towards vantage point, calling, was following hen harrier at time but heard birds	CC
CF059	VP8	02/09/2022	15:00	Chough	3	-	-	-	-	-	improved agricultural grassland; foraging, landed out of view, presume to end of watch	CC
CF060	VP1	02/09/2022	15:43	Chough	2	10	10	0	0	0	improved agricultural grassland; flying	BJ
CF061	VP2	08/09/2022	16:01	Chough	3	-	-	-	-	-	improved agricultural grassland; foraging in field	BJ
CF062	VP2	08/09/2022	17:11	Chough	4	25	0	20	0	0	conifer plantation and scrub/transitional woodland; flying, flew out of sight behind treeline	BJ
CF063	VP3	15/09/2022	19:22	Chough	2	70	0	0	20	50	improved agricultural grassland and linear woodland/scrub; flying, flew out of sight toward hills	BJ
CF064	VP6	16/09/2022	10:00	Chough	2	65	3	17	40	5	heath, improved agricultural grassland and conifer plantation; flying, flew out of sight	BJ
CF066	VP4	20/09/2022	11:16	Chough	4	45	50	5	0	0	improved agricultural grassland and linear woodland/scrub; flying, perching, perching on fence posts and pecking at grass in fields	BJ
CF067	VP5	21/09/2022	14:39	Chough	3	20	15	5	0	0	improved agricultural grassland and heath; flying, landing in field	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF068	VP2	28/09/2022	09:08	Chough	4	-	-	-	-	-	improved agricultural grassland; foraging in field	BJ
CF069	VP2	28/09/2022	10:20	Chough	25	-	-	-	-	-	improved agricultural grassland; foraging in field	BJ
CF070	VP5	28/09/2022	14:55	Chough	3	130	20	10	20	80	improved agricultural grassland, conifer plantation and heath; flying, soaring, mobbed by raven	BJ
CF071	VP5	28/09/2022	15:28	Chough	8	30	5	5	20	0	improved agricultural grassland, conifer plantation and scrub/transitional woodland; flying, 3 birds landed in mixed area of forestry where views before, 5 flew south	BJ
CF072	VP5	28/09/2022	16:11	Chough	11	75	5	10	30	30	highly modified/non-native woodland, semi-natural grassland and linear woodland/scrub; flying, 3 broke off from group again and landed in same place in forestry	BJ
CF073	VP5	28/09/2022	16:13	Chough	3	80	10	30	30	10	highly modified/non-native woodland and semi-natural grassland; flying, flew from forestry north out of sight	BJ
CF074	VP6	28/09/2022	17:41	Chough	2	85	25	60	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
CF075	VP1	05/10/2022	07:40	Chough	1	-	-	-	-	-	improved agricultural grassland; calling, heard not seen	BJ
CF076	VP1	05/10/2022	09:50	Chough	2	20	10	10	0	0	improved agricultural grassland; flying, soaring, upland	BJ
CF077	VP8	06/10/2022	08:28	Chough	3	45	25	20	0	0	conifer plantation and buildings and artificial surfaces; flying	BJ
CF078	VP8	06/10/2022	08:36	Chough	2	-	-	-	-	-	improved agricultural grassland; foraging	BJ
CF079	VP8	06/10/2022	08:55	Chough	7	10	10	0	0	0	improved agricultural grassland; flying, grazing in field then flushed by tractor activity	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF080	VP8	06/10/2022	11:16	Chough	3	25	5	20	0	0	bogs; flying, soaring, hilltop	BJ
CF081	VP8	06/10/2022	12:41	Chough	2	75	20	50	5	0	buildings and artificial surfaces, improved grassland and conifer plantation; flying	BJ
CF082	VP4	10/10/2022	11:28	Chough	6	5	5	0	0	0	bogs and heath; flying	BJ
CF083	VP6	11/10/2022	10:40	Chough	6	90	90	0	0	0	semi-natural grassland and bogs; flying, flew low over hill	BJ
CF084	VP6	11/10/2022	11:32	Chough	6	25	5	20	0	0	improved grassland and linear woodland/scrub; flying, landed in field behind tree line	BJ
CF085	VP7	13/10/2022	10:29	Chough	2	-	-	-	-	-	improved agricultural grassland; foraging	BJ
CF086	VP5	14/10/2022	08:23	Chough	8	10	0	10	0	0	improved grassland, heath and semi-natural grassland; flying, appeared beside forestry flew north behind hill	BJ
CF087	VP5	14/10/2022	08:43	Chough	1	12	12	0	0	0	improved agricultural grassland; flying, calling	BJ
CF088	VP5	14/10/2022	09:07	Chough	6	10	10	0	0	0	improved grassland and heath; flying, flying between fields	BJ
CF089	VP5	14/10/2022	09:22	Chough	1	5	5	0	0	0	improved grassland; flying	BJ
CF090	VP5	14/10/2022	09:55	Chough	3	-	-	-	-	-	improved grassland; foraging in field	BJ
CF091	VP5	14/10/2022	11:11	Chough	1	15	15	0	0	0	improved grassland; flying	BJ
CF092	VP2	18/10/2022	09:57	Chough	3	-	-	-	-	-	improved grassland; foraging in field	BJ
CF093	VP3	20/10/2022	12:15	Chough	2	45	0	0	45	0	improved agricultural grassland and bogs; flying, calling	BJ
CF094	VP3	04/11/2022	15:12	Chough	3	40	0	0	40	0	bogs and conifer plantation; flying, soaring, flew east out of sight	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF095	VP3	04/11/2022	16:50	Chough	2	80	0	10	50	10	improved grassland and linear woodland/scrub; flying, flying towards hills to south, near old building not confirmed entering	BJ
CF096	VP6	18/11/2022	11:42	Chough	2	22	22	0	0	0	semi-natural grassland, bogs and heath; flying	BJ
CF097	VP6	18/11/2022	13:00	Chough	2	20	20	0	0	0	improved agricultural grassland; flying, landing in field	BJ
CF098	VP6	18/11/2022	13:18	Chough	2	30	20	10	0	0	semi-natural grassland and heath; flying, landing in field with sheep	BJ
CF099	VP6	18/11/2022	14:30	Chough	2	25	25	0	0	0	improved agricultural grassland; flying, foraging, flying to different parts of field	BJ
CF100	VP8	22/11/2022	12:48	Chough	2	20	20	0	0	0	improved grassland; flying, flying to different field, foraging	BJ
CF101	VP8	22/11/2022	13:12	Chough	2	45	0	20	25	0	improved grassland; flying	BJ
CF102	VP6	07/12/2022	11:55	Chough	2	45	45	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, calling	BJ
CF103	VP8	16/01/2023	12:21	Chough	3	-	-	-	-	-	linear woodland/scrub and improved agricultural grassland; perching, perched on fence	BJ
CF104	VP8	16/01/2023	12:29	Chough	3	20	20	0	0	0	improved agricultural grassland; flying, landing in field	BJ
CF105	VP8	16/01/2023	14:20	Chough	3	10	10	0	0	0	improved agricultural grassland; flying, foraging, perching on post, flew behind hump on hill	BJ
CF106	VP5	14/03/2023	13:46	Chough	7	30	0	0	30	0	conifer plantation; flying, calling	EC
CF107	VP5	14/03/2023	16:10	Chough	20	300	0	150	150	0	improved agricultural grassland and conifer plantation; flying, calling	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF108	VP5	14/03/2023	17:45	Chough	6	60	0	60	0	0	conifer plantation; flying, calling, the flock flew in/around the conifer plantation & suddenly became quiet; possibly gone to a roost; not seen or heard afterwards	EC
CF109	VP4	27/03/2023	17:56	Chough	4	30	30	0	0	0	conifer plantation and improved agricultural grassland; flying, calling	EC
CF110	VP8	29/03/2023	16:55	Chough	6	600	300	300	0	0	conifer plantation and improved agricultural grassland; flying, calling, landing in fields	EC
CF111	VP8	29/03/2023	18:53	Chough	3	180	60	120	0	0	improved agricultural grassland, upland blanket bog and conifer plantation; flying, calling- several others heard in the same area	EC
CF114	VP1	18/04/2023	10:51	Chough	4	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
CF115	VP6	11/05/2023	16:41	Chough	2	60	0	60	0	0	improved agricultural grassland; flying, calling	EC
CF116	VP6	11/05/2023	20:00	Chough	2	30	0	30	0	0	improved agricultural grassland; flying	EC
CF117	VP4	23/05/2023	16:17	Chough	2	-	-	-	-	-	improved agricultural grassland; foraging	CMC
CF118	VP2	25/05/2023	18:22	Chough	2	-	-	-	-	-	improved agricultural grassland; calling, only heard calls, roughly where they came from	CMC
CF120	VP6	21/06/2023	13:38	Chough	3	180	0	0	180	0	improved agricultural grassland, upland blanket bog and conifer plantation; flying, calling	EC
CF121	VP6	21/06/2023	14:25	Chough	5	600	600	0	0	0	improved agricultural grassland; flying, landing on the ground, feeding	EC
CF122	VP8	04/07/2023	08:52	Chough	2	30	0	30	0	0	improved agricultural grassland; flying, calling	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF123	VP8	04/07/2023	12:57	Chough	3	120	0	120	0	0	improved agricultural grassland; flying, calling	EC
CF124	VP4	01/08/2023	08:32	Chough	2	120	0	120	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
CF125	VP4	01/08/2023	09:38	Chough	3	60	0	60	0	0	upland blanket bog; flying, calling	EC
CF126	VP3	03/08/2023	12:01	Chough	2	120	0	0	128	0	conifer plantation, upland blanket bog and improved agricultural grassland; flying, calling	EC
CF127	VP3	03/08/2023	14:08	Chough	4	120	0	0	120	0	upland blanket bog; flying, calling	EC
CF128	VP7	11/08/2023	08:12	Chough	7	180	0	180	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
CF129	VP4	15/08/2023	11:37	Chough	4	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
CF130	VP4	07/09/2023	07:18	Chough	4	30	38	0	0	0	upland blanket bog; flying, calling	EC
CF131	VP4	07/09/2023	10:14	Chough	6	300	300	0	0	0	improved agricultural grassland; flying, calling, landing in poles/ground	EC
CF132	VP4	07/09/2023	10:51	Chough	6	1800	1800	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling, landed on poles/ground	EC
CF133	VP6	20/09/2023	07:18	Chough	3	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
CF134	VP6	20/09/2023	10:22	Chough	5	60	8	60	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
CF135	VP8	21/09/2023	11:43	Chough	4	180	180	0	0	0	improved agricultural grassland; flying, calling	EC
CF136	VP2	28/10/2023	14:01	Chough	4	10	10	0	0	0	improved grassland; flying, landing	AR
CF137	VP2	28/10/2023	14:29	Chough	4	5	5	0	0	0	improved grassland; flying, landing	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF138	VP2	28/10/2023	17:18	Chough	4	20	20	0	0	0	improved grassland; flying	AR
CF139	VP8	29/10/2023	11:50	Chough	2	-	-	-	-	-	improved grassland; feeding	AR
CF140	VP8	29/10/2023	13:01	Chough	3	20	20	0	0	0	improved grassland; flying, landing	AR
CF141	VP8	29/10/2023	15:38	Chough	3	10	10	0	0	0	improved grassland; flying, landing	AR
CF142	VP7	01/11/2023	10:36	Chough	2	60	0	60	0	0	improved agricultural grassland; flying, calling	EC
CF143	VP2	08/11/2023	11:55	Chough	1	-	-	-	-	-	improved grassland; calling, foraging	TKS
CF144	VP2	28/12/2023	13:06	Chough	3	10	0	10	0	0	improved grassland and hedgerows; flying, landed	AR
CF145	VP2	28/12/2023	16:03	Chough	3	10	10	0	0	0	improved grassland and hedgerows; flying	AR
CF146	VP8	30/12/2023	11:41	Chough	4	5	5	0	0	0	improved grassland; flying, landed	AR
CF147	VP8	30/12/2023	13:17	Chough	4	10	10	0	0	0	improved grassland and hedgerows; flying, landed	AR
CF148	VP8	29/01/2024	08:22	Chough	1	20	5	15	0	0	improved grassland; flying	AR
CF149	VP8	29/01/2024	10:17	Chough	2	20	20	0	0	0	improved grassland and hedgerows; flying	AR
CF150	VP2	30/01/2024	08:37	Chough	7	10	10	0	0	0	improved grassland and hedgerows; flying, landed	AR
CF151	VP2	30/01/2024	09:54	Chough	2	5	5	0	0	0	improved grassland and hedgerows; flying, landed, two birds joined the seven birds feeding in improved grassland, now nine birds.	AR
CF152	VP2	30/01/2024	10:59	Chough	11	15	15	0	0	0	improved grassland and hedgerows; flying, landed, now 11 birds.	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF153	VP2	30/01/2024	11:36	Chough	13	20	20	0	0	0	improved grassland and hedgerows; flying, landed	AR
CF154	VP7	18/03/2024	08:31	Chough	2	10	10	0	0	0	improved grassland and hedgerows; flying, calling	AR
CF155	VP7	18/03/2024	09:59	Chough	2	5	5	0	0	0	improved grassland; flying	AR
CF156	VP8	23/03/2024	08:01	Chough	3	5	5	0	0	0	bogs; flying	AR
CF159	VP4	14/05/2024	11:31	Chough	1	68	0	0	68	0	improved agricultural grassland and scrub; travelling, calling	LB
CF160	VP4	14/05/2024	11:33	Chough	1	120	15	105	0	0	improved agricultural grassland and scrub; travelling, foraging, calling, landed in field for 1min to forage then flew off again	LB
CF161	VP4	14/05/2024	11:36	Chough	2	26	0	26	0	0	improved agricultural grassland; travelling, calling	LB
CF162	VP7	23/07/2024	16:59	Chough	1	-	-	-	-	-	bogs; calling, heard calling but not seen	CR
CF163	VP3	15/08/2024	14:07	Chough	2	120	0	0	120	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
CF164	VP3	15/08/2024	14:40	Chough	2	60	0	60	0	0	improved agricultural grassland; flying, calling	EC
CF165	VP4	22/08/2024	09:01	Chough	2	60	60	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
CF166	VP4	22/08/2024	09:26	Chough	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
CF167	VP3	18/09/2024	11:38	Chough	2	60	0	60	0	0	improved agricultural grassland; flying, male	EC
CF168	VP4	19/09/2024	08:42	Chough	2	180	180	0	0	0	upland blanket bog; flying	EC
CF169	VP4	19/09/2024	12:45	Chough	2	120	120	0	0	0	improved agricultural grassland and upland blanket bog; flying, hovering	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF170	VP2	26/09/2024	08:25	Chough	2	30	0	30	0	0	improved agricultural grassland and upland blanket bog; flying, hovering	EC
CF171	VP9	02/10/2024	19:06	Chough	1	197	20	100	77	0	scrub, exposed rock and conifer plantation; travelling, calling, landed on a rock to call for few secs. probably went to roost. lost in distance	LB
CF172	VP8	27/11/2024	15:21	Chough	3	40	10	30	0	0	improved agricultural grassland; flying, landing, foraging	DM
CF173	VP8	27/11/2024	15:46	Chough	1	90	0	60	30	0	improved agricultural grassland and wet grassland; flying	DM
CF174	VP8	27/11/2024	16:20	Chough	1	90	0	90	0	0	improved agricultural grassland; flying, circling	DM
CF175	VP8	27/11/2024	16:24	Chough	1	-	-	-	-	-	improved agricultural grassland; foraging	DM
CF176	VP8	04/02/2025	12:54	Chough	1	-	-	-	-	-	improved agricultural grassland and scrub; foraging, calling	LB
CF177	VP3	05/02/2025	12:21	Chough	2	-	-	-	-	-	improved agricultural grassland; calling	EC
CF178	VP3	05/02/2025	13:23	Chough	2	180	180	0	0	0	improved agricultural grassland; flying and calling	EC
CF179	VP9	07/03/2025	12:40	Chough	12	-	-	-	-	-	improved grassland; feeding, feeding in field at 51.763910,-9.294185	AR
CF180	VP8	10/03/2025	07:48	Chough	2	5	5	0	0	0	improved grassland and bogs; flying, lost to view	AR
CF181	VP8	10/03/2025	07:52	Chough	3	-	-	-	-	-	improved grassland; feeding, 3 birds together on ground	AR
CF182	VP8	10/03/2025	08:01	Chough	1	3	3	0	0	0	improved grassland; flying, landed, 4 birds together feeding	AR
CF183	VP8	10/03/2025	08:14	Chough	7	5	5	0	0	0	improved grassland; flying, landed, 11 birds together feeding all birds still present at 12:30	AR
CF184	VP7	15/03/2025	10:11	Chough	2	165	0	0	165	0	heath and improved agricultural grassland; flying over	TKY

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CF185	VP4	29/03/2025	09:58	Chough	2	40	10	30	0	0	heath; flying over, landed in field	TKY
CF186	VP4	29/03/2025	10:00	Chough	2	-	-	-	-	-	improved agricultural grassland; foraging	TKY

Table 7 - 4 - 2 Chough winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
CF001	13/10/2022	13:35	Chough	4	improved agricultural grassland; flying (wintering)	EC
CF002	21/10/2022	08:50	Chough	1	bogs; present (wintering)	EC
CF003	21/10/2022	12:25	Chough	3	upland blanket bog; flying, calling (wintering)	EC
CF004	25/10/2022	11:14	Chough	2	improved agricultural grassland and upland blanket bog; flying and feeding on ground (wintering)	EC
CF005	25/10/2022	11:15	Chough	6	improved agricultural grassland and upland blanket bog; flying, heard and observed (wintering)	EC
CF006	08/11/2022	13:35	Chough	2	upland blanket bog and improved agricultural grassland; flying (wintering)	EC
CF007	16/11/2022	11:41	Chough	3	improved agricultural grassland; flying (wintering)	EC
CF008	01/03/2023	12:03	Chough	2	improved agricultural grassland; flying, calling (wintering)	EC
CF009	01/03/2023	12:41	Chough	2	improved agricultural grassland; flying, calling (wintering)	EC
CF010	01/03/2023	13:55	Chough	1	improved agricultural grassland; flying, calling (wintering)	EC
CF011	03/03/2023	11:19	Chough	12	improved agricultural grassland; flying, calling, landing in fields (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
CF012	05/12/2023	11:40	Chough	2	bogs and improved grassland; roosting, disturbed roosting in conifer when arrived, went on to forage in fields next to it. (wintering)	TKS
CF014	14/12/2023	13:00	Chough	1	bogs and improved grassland; calling, calling, not seen, sounded like a group (wintering)	TKS
CF015	14/12/2023	14:52	Chough	1	improved grassland; flying and calling (wintering)	TKS
CF016	20/12/2023	12:41	Chough	2	improved grassland and bogs; foraging then flying (wintering)	TKS
CF017	18/01/2024	14:14	Chough	2	improved agricultural grassland; flying and calling (wintering)	EC
CF018	18/01/2024	14:19	Chough	1	improved agricultural grassland; flying and calling, perched on fence post (wintering)	EC
CF019	24/01/2024	12:05	Chough	2	improved agricultural grassland and upland blanket bog; flying and calling, near a known nesting site (wintering)	EC
CF020	24/01/2024	13:24	Chough	2	upland blanket bog and improved agricultural grassland; flying and calling, near a known nest site (wintering)	EC
CF021	22/01/2025	14:32	Chough	2	improved agricultural grassland; travelling, calling (wintering)	LB
CF022	22/01/2025	14:33	Chough	1	improved agricultural grassland and scrub; calling, heard not seen (wintering)	LB
CF023	12/03/2025	12:00	Chough	2	improved grassland and bogs; flying, calling (wintering)	CR
CF024	12/03/2025	12:00	Chough	2	improved grassland; flying (wintering)	CR
CF025	12/03/2025	12:18	Chough	2	bogs; flying (wintering)	CR
CF026	12/03/2025	13:03	Chough	2	bogs; flying (wintering)	CR
CF027	12/03/2025	13:54	Chough	2	bogs; flying, calling, initially flying with two other chough. (wintering)	CR
CF028	12/03/2025	13:54	Chough	2	bogs; flying (wintering)	CR

Table 7 - 4 - 3 Chough breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
CF002	30/04/2022	08:12	Chough	1	wet grassland, improved agricultural grassland and upland blanket bog; flying (suitable nesting habitat; possible breeder)	CC
CF003	04/05/2022	12:55	Chough	1	heath and improved agricultural grassland; flying (suitable nesting habitat; possible breeder)	BJ
CF004	04/05/2022	20:35	Chough	1	heath and bogs; flying (suitable nesting habitat; possible breeder)	BJ
CF005	05/05/2022	14:44	Chough	2	heath; flying (suitable nesting habitat; possible breeder)	BJ
CF006	14/05/2022	07:53	Chough	1	dry-humid acid grassland and wet grassland; calling, heard, not sure if flying or on deck, not seen (suitable nesting habitat; possible breeder)	CC
CF007	14/05/2022	09:22	Chough	1	dry-humid acid grassland and wet grassland; foraging, flying, foraging on ground (suitable nesting habitat; possible breeder)	CC
CF008	27/05/2022	12:14	Chough	2	heath and buildings and artificial surfaces; flying (flyover; non-breeding)	BJ
CF009	14/06/2022	16:09	Chough	2	improved agricultural grassland, heath and scrub/transitional woodland; flying (flyover; non-breeding)	BJ
CF010	15/06/2022	09:24	Chough	3	exposed rock and buildings and artificial surfaces; foraging, pecking at bare ground near construction (flyover; non-breeding)	BJ
CF011	29/06/2022	11:20	Chough	5	conifer plantation; flying (flyover; non-breeding)	BJ
CF012	08/07/2022	11:13	Chough	2	conifer plantation, improved agricultural grassland and linear woodland/scrub; flying (flyover; non-breeding)	BJ
CF013	08/07/2022	11:14	Chough	1	exposed rock; foraging (flyover; non-breeding)	BJ
CF014	11/08/2022	07:10	Chough	2	improved agricultural grassland; foraging, flushed, adult (pair; probable breeding)	CC
CF015	01/09/2022	18:46	Chough	1	improved agricultural grassland; flew in and foraged, adult (not recorded)	CC
CF016	02/09/2022	10:23	Chough	3	improved agricultural grassland and dry-humid acid grassland; flying, calling (not recorded)	CC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
CF017	02/09/2022	16:50	Chough	1	improved agricultural grassland and dry-humid acid grassland; foraging, near/on track. (not recorded)	CC
CF019	20/04/2023	11:15	Chough	2	improved agricultural grassland; flying, adults pair (suitable nesting habitat; possible breeder)	JM
CF021	15/06/2023	11:15	Chough	2	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
CF023	11/07/2023	11:22	Chough	2	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
CF025	12/07/2023	10:23	Chough	5	upland blanket bog and conifer plantation; flying, calling (suitable nesting habitat; possible breeder)	EC
CF026	19/07/2023	10:51	Chough	3	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
CF027	19/07/2023	13:06	Chough	6	improved agricultural grassland and upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
CF028	27/07/2023	10:25	Chough	1	upland blanket bog and conifer plantation; flying, calling (suitable nesting habitat; possible breeder)	EC
CF029	23/05/2024	12:09	Chough	2	wet grassland and scrub; travelling, calling (flyover; non-breeding)	LB
CF030	24/05/2024	12:05	Chough	1	bogs; calling, heard not seen (suitable nesting habitat; possible breeder)	LB
CF031	19/06/2024	11:46	Chough	2	improved agricultural grassland; foraging in field, adults (flyover; non-breeding)	LB
CF033	04/07/2024	12:53	Chough	1	improved grassland; calling (suitable nesting habitat; possible breeder)	CR
CF034	04/07/2024	12:53	Chough	2	improved grassland; flying, calling (pair; probable breeding)	CR
CF035	04/07/2024	13:19	Chough	1	improved grassland; calling (suitable nesting habitat; possible breeder)	CR

Table 7 - 4 - 4 Chough breeding raptor and chough survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF003	BR4	26/10/2022	18:02	Chough	2	upland blanket bog; flying, heard calling	EC
CF012	BR1	16/05/2024	12:29	Chough	1	improved grassland; travelling, calling, lost behind trees	TKS
CF013	BR1	16/05/2024	12:51	Chough	2	improved grassland; foraging	TKS
CF014	BR1	16/05/2024	13:35	Chough	2	improved grassland; preening, then flushed towards stone circle	TKS
CF015	BR1	16/05/2024	14:16	Chough	2	improved grassland; flying	TKS
CF016	BR7	28/05/2024	12:16	Chough	1	improved agricultural grassland and bogs; calling, flying, landed to forage on field	TKS
CF019	BR4	16/05/2022	13:10	Chough	2	bogs and exposed rock; foraging, pecking at scree	BJ
CF020	BR5	08/06/2022	10:58	Chough	1	semi-natural grassland and heath; foraging, semi-natural grassland, pecking at earth, cows grazing in field	BJ
CF021	BR6	13/06/2022	15:53	Chough	2	semi-natural grassland and linear woodland/scrub; flying	BJ
CF022	BR4	15/07/2022	12:30	Chough	5	improved agricultural grassland; foraging, feeding in tilled field	BJ
CF023	BR4	15/07/2022	14:37	Chough	5	improved agricultural grassland, linear woodland/scrub and conifer plantation; flying, foraging in field then flying towards the north	BJ
CF024	BR4	16/05/2022	11:30	Chough	2	bogs, buildings and artificial surfaces and heath; flying	BJ
CF025	BR4	16/05/2022	12:04	Chough	2	bogs, conifer plantation and scrub; flying	BJ
CF026	BR5	16/05/2022	15:25	Chough	3	bogs, heath and scrub; flying	BJ
CF027	BR8	17/05/2022	16:40	Chough	3	bogs, linear woodland/scrub and improved grassland; flying	BJ

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF028	BR8	17/05/2022	17:13	Chough	3	bogs, ornamental/non-native shrub and improved grassland; flying	BJ
CF029	BR4	12/04/2023	11:58	Chough	3	improved agricultural grassland; flying - landed in field	EC
CF030	BR3	14/04/2023	10:59	Chough	2	improved agricultural grassland; flying, landed in field	EC
CF031	BR1	19/04/2023	13:38	Chough	1	improved agricultural grassland; flying, calling	EC
CF032	BR7	21/04/2023	09:56	Chough	2	improved agricultural grassland; flying, calling	EC
CF033	BR1	17/05/2023	10:42	Chough	2	improved agricultural grassland; flying	EC
CF034	BR6	25/07/2023	10:35	Chough	2	improved agricultural grassland; flying, calling	EC
CF035	BR7	25/07/2023	11:23	Chough	4	bogs; flying, calling	EC

Table 7 - 4 - 5 Chough roost survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF002	near VP6	24/10/2022	16:44	Chough	3	improved agricultural grassland; flying	EC
CF004	200m west of CF3	21/02/2023	17:05	Chough	6	improved agricultural grassland; small flock calling landed in nearby grassland and feeding on short sward.	JM
CF006	cf3	21/11/2023	15:50	Chough	2	improved agricultural grassland; foraging, foraging for 80 mins then flew northwest towards a known nest site	EC
CF007	CF3	04/12/2023	15:40	Chough	2	improved agricultural grassland; feeding, in grass field, not seen going to roost	JM
CF008	CF3	18/12/2023	15:30	Chough	8	improved agricultural grassland; calling, feeding, not seen going to roost, but feeding in fields for a long time ~30 minutes	JM
CF009	CF3	07/02/2024	15:43	Chough	2	bogs; foraging, flying, flushed when saw me then return a few min later	TKS

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF010	CF3	07/02/2024	16:19	Chough	2	improved grassland; foraging, chased by hooded crow, moved from fields to fields around survey location cf3 for over an hour	TKS
CF011	CF1	08/02/2024	16:13	Chough	1	improved grassland and bogs; calling, heard, not seen	TKS
CF018	Kealkill	03/11/2023	17:00	Chough	3	improved agricultural grassland and scrub; heard calling, not seen	RT

Table 7 - 4 - 6 Chough incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF001	Waterbird distribution and abundance Survey; Ballynamought	12/08/2022	14:15	Chough	5	improved agricultural grassland; foraging in field	BJ
CF002	Waterbird distribution and abundance Survey; Breeny more	25/08/2022	15:41	Chough	4	improved agricultural grassland; foraging in field	BJ
CF003	Waterbird distribution and abundance Survey; Lough Nabiree	23/09/2022	13:24	Chough	6	bogs and exposed rock; perched on rocks and pecking at ground	BJ
CF004	Hen Harrier Roost Survey; HHVP4	11/10/2022	16:56	Chough	3	improved agricultural grassland; flying, distinctive call heard	EC
CF005	Hen Harrier Roost Survey; HHVP4	11/10/2022	17:27	Chough	4	improved agricultural grassland; flying	EC
CF006	Hen Harrier Roost Survey; HHVP7	14/10/2022	18:38	Chough	1	upland blanket bog; flying, heard calling	EC
CF007	Hen Harrier Roost Survey; HHVP7	14/10/2022	18:41	Chough	4	improved agricultural grassland; flying, heard & observed	EC
CF008	Hen Harrier Roost Survey; HHVP7	14/10/2022	18:42	Chough	5	improved agricultural grassland and conifer plantation; flying, heard calling & observed	EC
CF009	Hen Harrier Roost Survey; HHVP6	01/11/2022	16:55	Chough	1	improved agricultural grassland; flying	BJ
CF010	Hen Harrier Roost Survey; HHVP5	05/01/2023	09:27	Chough	1	dry calcareous and neutral grassland; flying, landing	BJ

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF011	Hen Harrier Roost Survey; HHVP7	05/01/2023	15:10	Chough	1	exposed rock and dry-humid acid grassland; calling, perching, calling from rock c. 15 mins, flew behind scrub on hill	BJ
CF012	Hen Harrier Roost Survey; HHVP7	05/01/2023	15:17	Chough	4	scrub/transitional woodland; flying, briefly appeared over hilltop	BJ
CF013	Hen Harrier Roost Survey; HHVP7	05/01/2023	15:29	Chough	2	dry-humid acid grassland; flying, briefly appeared on hilltop	BJ
CF014	Hen Harrier Roost Survey; HHVP7	05/01/2023	15:57	Chough	2	dry-humid acid grassland, linear woodland/scrub and improved agricultural grassland; flying, calling, flew over hilltop down slope to north	BJ
CF015	Waterbird distribution and abundance Survey; near VP7	26/01/2023	12:44	Chough	2	improved agricultural grassland; flying , calling	EC
CF016	Breeding Red Grouse Survey; Near BR4	16/02/2023	14:16	Chough	7	improved agricultural grassland; flying , calling, landed in field; 12+ observed/ heard on site	EC
CF017	Waterbird distribution and abundance Survey; VP6	24/02/2023	10:52	Chough	5	improved agricultural grassland; flying , calling	EC
CF018	Waterbird distribution and abundance Survey; VP7	24/02/2023	12:44	Chough	6	improved agricultural grassland; flying , calling	EC
CF019	Hen Harrier Roost Survey; HHVP7	11/03/2023	17:05	Chough	2	bogs; pair flying northeast, pair of adults calling	JM
CF020	Waterbird distribution and abundance Survey; wfp4	20/04/2023	11:43	Chough	2	upland blanket bog; flying	EC
CF021	Waterbird distribution and abundance Survey; near vp4	20/04/2023	11:44	Chough	5	improved agricultural grassland; flying	EC
CF022	Waterbird distribution and abundance Survey; near VP4	09/05/2023	11:31	Chough	5	improved agricultural grassland; flying	EC
CF023	Waterbird distribution and abundance Survey; Lough Carrignaneane	09/05/2023	11:35	Chough	2	improved agricultural grassland; flying, calling, feeding on short turf	EC
CF024	Waterbird distribution and abundance Survey; near VP7	09/05/2023	13:05	Chough	5	improved agricultural grassland; flying, calling	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF025	Hen Harrier Roost Survey; HHVP4	04/01/2024	16:43	Chough	7	upland blanket bog and improved agricultural grassland; flying, foraging	EC
CF026	Waterbird distribution and abundance Survey; above WFP5	20/02/2024	14:19	Chough	1	improved grassland; calling	TK
CF027	Waterbird distribution and abundance Survey; WFP4	16/04/2024	14:55	Chough	1	improved grassland; foraging	CR
CF028	Waterbird distribution and abundance Survey; WFP4	01/05/2024	12:18	Chough	1	bogs; flying, calling	CR
CF029	Vantage Point Survey; VP7	04/09/2024	12:20	Chough	2	improved agricultural grassland, scrub and bogs; travelling, calling, lost in distance. still calling when out view. behind viewshed	LB
CF030	Vantage Point Survey; VP7	04/09/2024	12:23	Chough	1	bogs; calling, heard not seen. approximately from the area where the two previous birds were seen	LB
CF031	Hen Harrier Roost Survey; HHVP7	09/10/2024	18:43	Chough	2	improved agricultural grassland and hedgerows; travelling, probably going to roost. few open sheds on the road, but couldn't see where they went exactly	LB
CF032	Hen Harrier Roost Survey; HHVP7	09/10/2024	18:49	Chough	1	improved agricultural grassland; calling, heard not seen. at least 1 bird calling, probably from the previous 2	LB
CF033	Hen Harrier Roost Survey; HHVP5	10/10/2024	17:30	Chough	2	hedgerows, scrub and improved agricultural grassland; travelling, calling	LB
CF034	Hen Harrier Roost Survey; HHVP7	10/10/2024	18:31	Chough	2	scrub and exposed rock; circling, calling, could be same birds seen before	LB
CF035	Waterbird distribution and abundance Survey; WFP2	05/11/2024	11:55	Chough	2	improved grassland; resting	CR
CF036	Waterbird distribution and abundance Survey; WFP4	22/11/2024	14:50	Chough	1	improved grassland and bogs; flying, calling	CR
CF037	Hen Harrier Roost Survey; HHVP5	25/11/2024	15:21	Chough	1	treelines, improved agricultural grassland and hedgerows; flying, calling, landed in trees in farmyard	LB
CF038	Hen Harrier Roost Survey; HHVP1	02/12/2024	15:40	Chough	1	upland blanket bog; calling, heard not seen	LB
CF039	Hen Harrier Roost Survey; HHVP4	10/12/2024	16:20	Chough	2	upland blanket bog and improved agricultural grassland; flying, calling	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CF040	Hen Harrier Roost Survey; HHVP4	10/12/2024	16:22	Chough	1	upland blanket bog and improved agricultural grassland; flying, calling	EC
CF041	Hen Harrier Roost Survey; HHVP7	12/12/2024	15:43	Chough	2	improved agricultural grassland and hedgerows; travelling, calling	LB
CF042	Waterbird distribution and abundance Survey; Maughanaclea	14/01/2025	11:22	Chough	1	improved grassland; calling	CR
CF043	Waterbird distribution and abundance Survey; Maughanaclea	31/01/2025	13:46	Chough	3	bogs; flying, calling	CR
CF044	Waterbird distribution and abundance Survey; Maughanaclea	31/01/2025	15:27	Chough	2	bogs; resting	CR
CF045	Waterbird distribution and abundance Survey; Maughanaclea	14/02/2025	11:21	Chough	2	improved grassland; resting, calling	CR
CF046	Waterbird distribution and abundance Survey; WFP4	05/03/2025	15:35	Chough	2	bogs and scrub; calling, heard not seen	LB
CF047	Waterbird distribution and abundance Survey; WFP4	05/03/2025	15:35	Chough	1	scrub, treelines and improved agricultural grassland; travelling, calling, maybe one of the birds heard before	LB
CF048	Waterbird distribution and abundance Survey; WFP4	05/03/2025	15:37	Chough	1	conifer plantation; calling back to previous bird, maybe one of the birds heard before	LB
CF049	Hen Harrier Roost Survey; HHVP5	05/03/2025	18:24	Chough	2	scrub, hedgerows and treelines; flying, calling, interacting with each other	LB
CF050	Waterbird distribution and abundance Survey; WFP4	20/03/2025	15:54	Chough	1	buildings and artificial surfaces and improved agricultural grassland; perched, flying, calling, first perched on roof of open shed. flew away when walked by and called few times	LB
CF051	Waterbird distribution and abundance Survey; WFP4	20/03/2025	15:56	Chough	1	buildings and artificial surfaces; flying, calling, came out of shed when first bird called. called few times too and went back into shed	LB

Golden plover

Table 7 - 4 - 7 Golden plover vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GP001	VP7	28/04/2022	15:52	Golden Plover	7	115	0	0	115	0	conifer plantation and improved agricultural grassland; flying	CC
GP002	VP8	03/06/2022	14:02	Golden Plover	2	49	0	0	49	0	dry-humid acid grassland and improved agricultural grassland; flying, late migrants	CC
GP003	VP3	31/10/2023	12:26	Golden Plover	32	40	0	0	40	0	conifer plantation and bogs; flying	AR
GP004	VP4	22/12/2023	12:08	Golden Plover	3	35	0	0	35	0	bogs; circling	AR
GP005	VP4	22/12/2023	14:42	Golden Plover	3	25	0	0	0	25	bogs; circling	AR
GP006	VP9	07/03/2025	10:33	Golden Plover	9	5	5	0	0	0	bogs; flying	AR

Table 7 - 4 - 8 Golden plover winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
GP001	20/10/2022	08:45	Golden Plover	1	bogs; present (wintering)	EC
GP002	20/10/2022	11:22	Golden Plover	2	upland blanket bog; on the ground/flying (wintering)	EC

Table 7 - 4 - 9 Golden plover incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GP001	Hen Harrier Roost Survey; HHVP1	18/03/2025	19:10	Golden Plover	2	bogs; calling	CR

Goshawk

Table 7 - 4 - 10 Goshawk vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GI001	VP7	27/10/2023	14:58	Goshawk	1	30	5	25	0	0	improved grassland and hedgerows; flying, mobbed by peregrine falcon, then stoop and away	AR

Hen harrier

Table 7 - 4 - 11 Hen harrier vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
HH001	VP3	11/08/2022	11:54	Hen Harrier	1	10	10	0	0	0	semi-natural grassland and linear woodland/scrub; flying, upland	BJ
HH002	VP8	12/08/2022	09:56	Hen Harrier	1	267	240	27	0	0	improved agricultural grassland and dry-humid acid grassland; foraging, ringtail, probably adult female	CC
HH003	VP8	02/09/2022	12:51	Hen Harrier	1	136	130	6	0	0	improved agricultural grassland and dry-humid acid grassland; foraging, adult male probably second calendar year	CC
HH004	VP8	02/09/2022	14:58	Hen Harrier	1	570	570	0	0	0	improved agricultural grassland and dry-humid acid grassland; foraging, juvenile	CC
HH005	VP5	28/09/2022	16:47	Hen Harrier	1	60	30	30	0	0	semi-natural grassland and heath; flying, hunting	BJ
HH006	VP6	11/10/2022	11:15	Hen Harrier	1	45	45	0	0	0	improved agricultural grassland and heath; flying, male, flew out of sight over hill	BJ
HH007	VP7	29/11/2022	12:29	Hen Harrier	1	10	10	0	0	0	mixed conifer woodland and bogs; flying, male	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
HH008	VP5	26/01/2024	11:59	Hen Harrier	1	20	0	20	0	0	conifer plantation and bogs; displaying, male did a half-hearted skydance, I couldn't see if this was a full adult male.	AR
HH009	VP8	23/03/2024	10:49	Hen Harrier	1	10	10	0	0	0	bogs and conifer plantation; hunting, male	AR
HH010	VP7	07/08/2024	08:33	Hen Harrier	1	38	10	28	0	0	wet grassland and scrub; travelling, female	LB
HH011	VP3	18/09/2024	12:27	Hen Harrier	1	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
HH012	VP9	02/10/2024	18:19	Hen Harrier	1	176	150	26	0	0	scrub and improved grassland; hunting, ringtail. went behind hill	LB
HH013	VP3	08/10/2024	15:53	Hen Harrier	1	26	26	0	0	0	bogs; flying, ringtail	CR
HH014	VP3	08/10/2024	18:37	Hen Harrier	1	76	0	55	21	0	bogs; flying, unsure if male or female due to poor light and distance.	CR
HH015	VP5	15/10/2024	18:29	Hen Harrier	1	180	120	60	0	0	improved agricultural grassland, upland blanket bog and conifer plantation; flying, male	EC
HH016	VP4	16/10/2024	17:27	Hen Harrier	1	300	150	150	0	0	upland blanket bog and improved agricultural grassland; flying, female/juvenile-mobbed by hooded crow	EC
HH017	VP2	23/10/2024	15:59	Hen Harrier	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, male	EC
HH018	VP7	18/01/2025	10:18	Hen Harrier	1	135	110	25	0	0	upland blanket bog and conifer plantation; hunting, male	TKY
HH019	VP7	15/03/2025	08:17	Hen Harrier	1	95	75	20	0	0	heath; hunting, male	TKY

Table 7 - 4 - 12 Hen harrier winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	25/10/2022	13:45	Hen Harrier	1	upland blanket bog and improved agricultural grassland; flying, male (wintering)	EC
HH002	22/10/2024	13:24	Hen Harrier	1	wet grassland; hunting, male (wintering)	DM
HH003	31/03/2025	13:27	Hen Harrier	1	bogs and scrub; chasing 3 hooded crows, female. landed on rocks before chasing crows again. stayed in the same area (wintering)	LB

Table 7 - 4 - 13 Hen harrier breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	11/07/2023	11:21	Hen Harrier	1	improved agricultural grassland; flying, ringtail (suitable nesting habitat; possible breeder)	EC

Table 7 - 4 - 14 Hen harrier roost survey data

Ref.	HHVP	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	HHVP8	17/02/2023	16:50	Hen Harrier	1	upland blanket bog, flying, female flying low to east over bog habitat	JM
HH002	HHVP7	11/03/2023	16:40	Hen Harrier	1	upland blanket bog, flying, male hen harrier flying east for 65 seconds	JM
HH003	HHVP7	22/02/2024	08:46	Hen Harrier	1	improved agricultural grassland and hedgerows, soaring, male	LB
HH004	HHVP7	22/02/2024	08:49	Hen Harrier	1	improved agricultural grassland and hedgerows, soaring, male. seen with previous bird. looked like a younger bird	LB
HH005	HHVP3	06/02/2025	15:55	Hen Harrier	1	highly modified/non-native woodland and bogs, flying, male	CR

Table 7 - 4 - 15 Hen harrier incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	Chough Survey; Laharanshermeen	09/11/2023	16:52	Hen Harrier	1	upland blanket bog; traveling, ringtail	RT
HH003	Chough Survey; CF3	21/11/2023	16:20	Hen Harrier	1	improved agricultural grassland; flying, ringtail	EC
HH004	Waterbird distribution and abundance Survey; WFP2	10/01/2024	12:50	Hen Harrier	1	improved agricultural grassland; soaring, ringtail. couldn't see where landed	LB
HH005	Incidental; Laharanshermeen	12/08/2024	08:03	Hen Harrier	1	scrub and dry siliceous heath; hunting, ringtail	ECOLOGY TEAM SIGHTING

Peregrine falcon

Table 7 - 4 - 16 Peregrine falcon vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
PE002	VP2	12/07/2022	13:28	Peregrine Falcon	1	30	0	0	30	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
PE004	VP8	14/07/2022	18:47	Peregrine Falcon	1	220	0	0	170	50	improved agricultural grassland and conifer plantation; soaring	CC
PE005	VP7	17/07/2022	10:51	Peregrine Falcon	1	208	0	15	193	0	conifer plantation and dry-humid acid grassland; flying, foraging	CC
PE006	VP3	26/07/2022	11:45	Peregrine Falcon	1	60	0	0	0	60	improved agricultural grassland and conifer plantation; flying	EC
PE007	VP4	17/08/2022	15:29	Peregrine Falcon	1	100	5	25	20	50	improved agricultural grassland and conifer plantation; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
PE008	VP3	06/07/2023	08:44	Peregrine Falcon	1	30	0	0	30	0	improved agricultural grassland; flying	EC
PE009	VP7	27/10/2023	14:58	Peregrine Falcon	1	20	0	20	0	0	improved grassland and hedgerows; flying, mobbing goshawk	AR
PE010	VP3	31/10/2023	16:23	Peregrine Falcon	1	15	0	0	15	0	bogs; flying, adult	AR
PE011	VP4	22/12/2023	15:02	Peregrine Falcon	1	30	0	0	30	0	conifer plantation, bogs and improved grassland; flying	AR
PE012	VP2	28/12/2023	14:46	Peregrine Falcon	1	20	0	0	20	0	bogs; hunting	AR
PE013	VP8	30/12/2023	15:09	Peregrine Falcon	1	5	0	0	5	0	bogs; hunting	AR
PE014	VP8	30/12/2023	15:37	Peregrine Falcon	1	5	0	5	0	0	bogs; hunting	AR
PE016	VP2	30/01/2024	12:05	Peregrine Falcon	1	-	-	-	-	-	improved grassland; perched on rock preening, adult	AR
PE017	VP2	30/01/2024	13:29	Peregrine Falcon	1	10	10	0	0	0	upland blanket bog; perched bird flew	AR
PE018	VP7	26/04/2024	16:12	Peregrine Falcon	1	80	0	0	80	0	improved agricultural grassland; single bird flying, adult female	JM
PE019	VP2	10/06/2024	11:00	Peregrine Falcon	1	380	15	15	300	50	wet heath; hunting	TS
PE021	VP4	20/06/2024	15:56	Peregrine Falcon	1	-	-	-	-	-	wet heath and exposed siliceous rock; perched, with prey. perched on the rock outcrop for 2 min than lost	TS
PE022	VP7	23/07/2024	17:03	Peregrine Falcon	1	-	-	-	-	-	bogs; calling, heard calling but not seen	CR
PE023	VP9	25/01/2025	12:23	Peregrine Falcon	1	-	-	-	-	-	heath; perched, on rocky outcrop	TKY
PE024	VP9	25/01/2025	12:48	Peregrine Falcon	1	190	0	20	170	0	heath and conifer plantation; circling, hunting	TKY

Table 7 - 4 - 17 Peregrine falcon breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
PE002	17/04/2024	14:15	Peregrine Falcon	2	bogs; flying, two adult birds (pair; probable breeding)	CR

Table 7 - 4 - 18 Peregrine falcon breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
PE001	BR4	30/06/2022	17:11	Peregrine Falcon	1	improved agricultural grassland and linear woodland/scrub, flying, clearing field of crows	flyover; non-breeding	BJ

Curlew

Table 7 - 4 - 19 Curlew breeding walkover data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
CU001	17/08/2022	08:49	Curlew	3	improved agricultural grassland; feeding, migrants (migrating; non-breeding)	CC

Goldeneye

Table 7 - 4 - 20 Goldeneye waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GN001	Kealkill	21/12/2022	12:56	Goldeneye	1	lakes and ponds; swimming/diving, female	EC
GN002	Lough Nabiree	06/01/2023	12:41	Goldeneye	1	lakes and ponds; swimming/diving, female still present	EC
GN003	Lough Nabiree	24/02/2023	12:02	Goldeneye	1	lakes and ponds; swimming, female, presumably same bird as winter 2022	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GN004	Lough Carrignaneane	06/04/2023	11:56	Goldeneye	1	lakes and ponds; swimming/flying, female-presumably same bird recorded over the past few months	EC

Grey wagtail

Table 7 - 4 - 21 Grey wagtail vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GL001	VP3	26/07/2022	09:00	Grey Wagtail	1	-	-	-	-	-	not recorded; foraging	EC
GL002	VP3	26/07/2022	11:45	Grey Wagtail	1	-	-	-	-	-	not recorded; flitting	EC
GL003	VP3	15/09/2022	15:23	Grey Wagtail	1	15	15	0	0	0	improved agricultural grassland and buildings and artificial surfaces; flying, perching	BJ
GL004	VP3	15/09/2022	15:37	Grey Wagtail	2	10	10	0	0	0	improved agricultural grassland and buildings and artificial surfaces; flying	BJ
GL005	VP5	14/10/2022	09:54	Grey Wagtail	1	5	5	0	0	0	linear woodland/scrub and improved grassland; flying, perching	BJ
GL006	VP3	04/11/2022	14:55	Grey Wagtail	1	5	5	0	0	0	buildings and artificial surfaces and improved agricultural grassland; flying	BJ
GL007	VP3	06/12/2022	07:25	Grey Wagtail	1	-	-	-	-	-	not recorded; present	EC
GL008	VP3	06/12/2022	07:25	Grey Wagtail	1	-	-	-	-	-	not recorded; foraging	EC
GL009	VP3	06/12/2022	07:25	Grey Wagtail	1	-	-	-	-	-	not recorded; flitting	EC
GL010	VP3	06/12/2022	09:41	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling, appeared to land in drainage ditch	EC
GL011	VP3	06/12/2022	11:01	Grey Wagtail	1	60	60	0	0	0	improved agricultural grassland; flyover, calling	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GL012	VP1	07/12/2022	09:10	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
GL013	VP4	18/01/2023	11:30	Grey Wagtail	1	-	-	-	-	-	not recorded; flitting	EC
GL014	VP4	18/01/2023	11:30	Grey Wagtail	1	-	-	-	-	-	not recorded; flitting	EC
GL015	VP4	18/01/2023	17:39	Grey Wagtail	2	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
GL016	VP1	18/04/2023	09:39	Grey Wagtail	2	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
GL017	VP1	13/06/2023	14:44	Grey Wagtail	2	60	60	0	7	0	improved agricultural grassland; flying, calling	EC
GL018	VP8	04/07/2023	09:02	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland and watercourses; flying, calling	EC
GL019	VP2	10/08/2023	12:00	Grey Wagtail	2	60	60	0	0	0	improved agricultural grassland, watercourses and upland blanket bog; flying, calling	EC
GL020	VP2	05/09/2023	07:33	Grey Wagtail	2	30	30	0	0	0	watercourses and improved agricultural grassland; flying, calling	EC
GL021	VP5	06/09/2023	10:08	Grey Wagtail	1	30	0	30	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
GL022	VP6	20/09/2023	08:35	Grey Wagtail	1	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
GL023	VP8	21/09/2023	08:57	Grey Wagtail	2	60	30	30	0	0	improved agricultural grassland; flying, calling	EC
GL024	VP1	22/09/2023	10:31	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
GL025	VP3	03/11/2023	07:50	Grey Wagtail	1	5	5	0	0	0	improved grassland; flying, calling	TKS
GL026	VP5	11/09/2024	12:24	Grey Wagtail	1	-	-	-	-	-	improved agricultural grassland and scrub; flying, calling	LB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GL027	VP4	19/09/2024	08:27	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling, also landed on the ground briefly	EC
GL028	VP3	08/11/2024	07:41	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
GL029	VP3	08/11/2024	10:52	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
GL030	VP3	05/02/2025	12:10	Grey Wagtail	1	30	30	0	0	0	improved agricultural grassland; flying and calling	EC

Table 7 - 4 - 22 Grey wagtail winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	25/10/2022	09:00	Grey Wagtail	1	bogs; present, wfp4 loop walk (wintering)	EC
GL002	25/10/2022	11:16	Grey Wagtail	1	upland blanket bog and improved agricultural grassland; flying over stream (wintering)	EC
GL003	08/11/2022	13:33	Grey Wagtail	3	improved agricultural grassland; flying (wintering)	EC
GL004	09/11/2022	11:38	Grey Wagtail	2	watercourses; flying along stream (wintering)	EC
GL005	15/11/2022	12:03	Grey Wagtail	1	improved agricultural grassland; flying (wintering)	EC
GL006	20/01/2023	14:02	Grey Wagtail	1	improved agricultural grassland; flying along stream (wintering)	EC
GL007	18/01/2024	12:15	Grey Wagtail	2	improved agricultural grassland; flying and calling (wintering)	EC
GL008	23/10/2024	08:57	Grey Wagtail	1	wet grassland; foraging (wintering)	DM

Table 7 - 4 - 23 Grey wagtail breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	28/04/2022	15:06	Grey Wagtail	1	eroding/upland rivers, riparian woodland and wet grassland; singing, male (singing male; possible breeder)	CC
GL002	14/05/2022	10:58	Grey Wagtail	1	dry-humid acid grassland and eroding/upland rivers; carrying food, male flew from stream to wires - disturbed (adult carrying food/faecal sac; confirmed breeding)	CC
GL003	01/06/2022	07:25	Grey Wagtail	4	improved agricultural grassland, eroding/upland rivers and conifer plantation; present, male, female and 2 juveniles (fledged young; confirmed breeding)	CC
GL004	11/08/2022	09:50	Grey Wagtail	1	eroding/upland rivers; flying, singing (suitable nesting habitat; possible breeder)	CC
GL005	31/05/2023	15:00	Grey Wagtail	2	watercourses; flying , singing, adults seen carrying food, young heard squabbling/begging (nest with young; confirmed breeding)	EC
GL006	19/06/2024	11:56	Grey Wagtail	1	hedgerows; flying, calling (flyover; non-breeding)	LB

Table 7 - 4 - 24 Grey wagtail waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	Lough Nabiree	26/01/2023	11:55	Grey Wagtail	1	improved agricultural grassland; flying, calling	EC
GL002	WFP3	08/02/2023	10:54	Grey Wagtail	2	watercourses; flying, calling	EC
GL003	WFP6	20/04/2023	09:00	Grey Wagtail	1	watercourses; flying, calling	EC
GL004	WFP6	12/10/2023	12:47	Grey Wagtail	1	eroding/upland rivers; flying/perching	TKS
GL005	WFP3	09/01/2024	12:08	Grey Wagtail	1	depositing/lowland rivers; foraging, female or immature	LB

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL006	WFP2	16/04/2024	13:46	Grey Wagtail	1	eroding/upland rivers; flying, calling	CR
GL007	WFP3	01/05/2024	16:28	Grey Wagtail	2	eroding/upland rivers; flying, calling	CR
GL008	WFP6	22/11/2024	14:12	Grey Wagtail	1	depositing/lowland rivers; flying	CR
GL009	WFP6	14/01/2025	13:53	Grey Wagtail	1	depositing/lowland rivers; foraging	CR
GL010	WFP6	14/02/2025	13:12	Grey Wagtail	2	watercourses; foraging	CR
GL011	WFP6	04/03/2025	15:00	Grey Wagtail	1	buildings and artificial surfaces; foraging, foraging in puddles along castle	LB

Table 7 - 4 - 25 Grey wagtail incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	Breeding Raptor Survey; BR5	22/06/2022	10:55	Grey Wagtail	1	improved agricultural grassland, buildings and artificial surfaces and linear woodland/scrub; flying	BJ
GL002	Vantage Point Survey; VP8	27/11/2024	14:12	Grey Wagtail	1	improved agricultural grassland; perched, flying, during break, landed on van wing mirror briefly	DM

Kestrel

Table 7 - 4 - 26 Kestrel vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.001	VP4	26/04/2022	10:26	Kestrel	1	50	0	0	50	0	bogs; hunting	BJ
K.002	VP4	26/04/2022	10:45	Kestrel	1	15	0	15	0	0	bogs; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.003	VP4	26/04/2022	11:47	Kestrel	1	80	5	70	0	0	bogs; flying	BJ
K.004	VP5	27/04/2022	15:50	Kestrel	1	120	0	0	70	50	highly modified/non-native woodland, improved grassland and recently-felled woodland; hunting	BJ
K.005	VP8	28/04/2022	08:16	Kestrel	1	142	13	99	30	0	improved agricultural grassland and scrub; foraging, adult male	CC
K.006	VP8	28/04/2022	13:03	Kestrel	1	302	12	20	240	30	improved agricultural grassland and scrub; foraging, adult male	CC
K.007	VP8	04/05/2022	15:12	Kestrel	1	182	25	108	49	0	improved agricultural grassland and dry-humid acid grassland; foraging, male	CC
K.008	VP1	09/05/2022	21:25	Kestrel	1	55	5	25	25	0	semi-natural woodland, scrub and heath; hunting, flying	BJ
K.009	VP4	10/05/2022	10:58	Kestrel	1	20	20	0	0	0	semi-natural grassland and bogs; flying, hunting	BJ
K.010	VP8	15/05/2022	09:19	Kestrel	1	183	10	126	47	0	improved agricultural grassland; foraging, male	CC
K.011	VP8	15/05/2022	11:02	Kestrel	1	137	25	112	0	0	improved agricultural grassland; foraging, male	CC
K.012	VP8	02/06/2022	17:56	Kestrel	1	112	10	35	67	0	improved agricultural grassland; foraging	CC
K.013	VP1	14/06/2022	10:55	Kestrel	1	30	5	10	15	0	heath, mixed conifer woodland and conifer plantation; flying, male	BJ
K.014	VP2	14/06/2022	12:55	Kestrel	1	70	0	5	45	20	heath and semi-natural grassland; flying, uphill	BJ
K.015	VP6	20/06/2022	14:57	Kestrel	1	60	0	0	60	0	heath and semi-natural grassland; flying, hunting	BJ
K.016	VP5	24/06/2022	14:37	Kestrel	1	10	0	0	10	0	improved agricultural grassland and conifer plantation; flying	BJ
K.017	VP5	24/06/2022	15:21	Kestrel	1	20	0	20	0	0	conifer plantation; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.018	VP1	06/07/2022	10:12	Kestrel	1	80	80	0	0	0	improved agricultural grassland; flying, hunting	BJ
K.019	VP1	06/07/2022	10:22	Kestrel	2	90	30	30	30	0	improved agricultural grassland; flying	BJ
K.020	VP1	06/07/2022	10:30	Kestrel	1	75	0	0	75	0	mixed broadleaved woodland; flying	BJ
K.021	VP1	06/07/2022	11:09	Kestrel	1	50	0	0	50	0	conifer plantation and improved agricultural grassland; flying	BJ
K.022	VP1	06/07/2022	11:21	Kestrel	1	50	0	10	40	0	conifer plantation and improved agricultural grassland; flying, hunting	BJ
K.023	VP1	06/07/2022	11:43	Kestrel	1	65	0	0	65	0	improved agricultural grassland and highly modified/non-native woodland; flying, hunting	BJ
K.024	VP1	06/07/2022	13:59	Kestrel	2	75	0	0	75	0	conifer plantation and improved agricultural grassland; flying	BJ
K.025	VP1	06/07/2022	14:24	Kestrel	1	35	0	0	35	0	conifer plantation and improved agricultural grassland; flying	BJ
K.026	VP1	06/07/2022	14:31	Kestrel	1	80	20	60	0	0	improved agricultural grassland and heath; flying, hunting	BJ
K.027	VP6	13/07/2022	11:03	Kestrel	1	20	10	10	0	0	improved grassland and heath; flying, hunting	BJ
K.028	VP6	13/07/2022	11:14	Kestrel	2	170	0	0	160	10	improved agricultural grassland, linear woodland/scrub and buildings and artificial surfaces; flying, hunting	BJ
K.029	VP6	13/07/2022	12:05	Kestrel	1	210	10	150	50	0	heath and improved agricultural grassland; flying, hunting	BJ
K.030	VP6	13/07/2022	12:20	Kestrel	1	90	0	0	90	0	linear woodland/scrub, heath and improved agricultural grassland; flying, hunting	BJ
K.031	VP6	13/07/2022	13:16	Kestrel	1	145	5	100	40	0	improved grassland and heath; flying	BJ
K.032	VP6	13/07/2022	13:48	Kestrel	1	160	50	100	10	0	improved agricultural grassland and conifer plantation; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.033	VP6	13/07/2022	13:54	Kestrel	1	110	0	110	0	0	improved grassland and heath; flying	BJ
K.034	VP8	14/07/2022	17:01	Kestrel	1	161	0	40	121	0	improved agricultural grassland; foraging, male adult	CC
K.035	VP4	19/07/2022	11:04	Kestrel	2	175	0	25	150	0	improved agricultural grassland, conifer plantation and linear woodland/scrub; flying	BJ
K.036	VP5	20/07/2022	09:32	Kestrel	1	200	10	50	140	0	semi-natural grassland; flying, upland	BJ
K.037	VP5	20/07/2022	09:54	Kestrel	1	145	0	10	100	15	semi-natural grassland; flying, upland	BJ
K.038	VP5	20/07/2022	10:07	Kestrel	1	30	0	15	15	0	conifer plantation and recently-felled woodland; flying	BJ
K.039	VP5	20/07/2022	10:16	Kestrel	3	120	10	50	60	0	linear woodland/scrub and improved agricultural grassland; flying, hunting	BJ
K.040	VP5	20/07/2022	10:23	Kestrel	1	75	50	25	0	0	heath; flying, hunting	BJ
K.041	VP5	20/07/2022	10:31	Kestrel	1	120	20	50	50	0	linear woodland/scrub and improved grassland; flying, hunting	BJ
K.042	VP5	20/07/2022	10:47	Kestrel	1	107	50	57	0	0	conifer plantation and semi-natural grassland; flying	BJ
K.043	VP5	20/07/2022	11:01	Kestrel	1	180	10	100	70	0	heath and improved agricultural grassland; flying, hunting	BJ
K.044	VP5	20/07/2022	11:19	Kestrel	1	90	0	0	90	0	conifer plantation; flying	BJ
K.045	VP5	20/07/2022	11:30	Kestrel	2	170	0	0	170	0	conifer plantation and recently-felled woodland; flying, recently felled	BJ
K.046	VP5	20/07/2022	11:55	Kestrel	1	280	0	0	280	0	conifer plantation; flying	BJ
K.047	VP5	20/07/2022	13:05	Kestrel	1	50	5	40	5	0	conifer plantation and improved agricultural grassland; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.048	VP5	20/07/2022	13:27	Kestrel	1	250	10	100	140	0	conifer plantation; flying	BJ
K.049	VP5	20/07/2022	14:33	Kestrel	1	70	0	0	70	0	conifer plantation; flying	BJ
K.050	VP5	20/07/2022	14:57	Kestrel	1	50	0	0	50	0	conifer plantation; flying	BJ
K.051	VP5	20/07/2022	15:06	Kestrel	1	110	0	0	60	50	improved agricultural grassland and conifer plantation; flying	BJ
K.052	VP3	26/07/2022	11:45	Kestrel	1	300	30	0	0	270	improved agricultural grassland; flying, hovering	EC
K.053	VP3	26/07/2022	11:45	Kestrel	1	300	60	0	0	240	improved agricultural grassland; flying, hovering, landed among rocky outcrop-possible nest site	EC
K.054	VP3	26/07/2022	11:45	Kestrel	1	180	0	0	0	180	improved agricultural grassland; flying, hovering	EC
K.056	VP2	27/07/2022	11:20	Kestrel	2	300	100	0	0	200	conifer plantation and improved agricultural grassland; flying, hovering	EC
K.057	VP1	03/08/2022	10:49	Kestrel	1	85	45	40	0	0	semi-natural grassland and heath; flying, hunting	BJ
K.058	VP1	03/08/2022	11:32	Kestrel	1	125	10	15	100	0	semi-natural grassland and heath; flying, hunting	BJ
K.059	VP1	03/08/2022	13:34	Kestrel	1	30	30	0	0	0	semi-natural grassland and heath; flying	BJ
K.060	VP1	03/08/2022	13:45	Kestrel	1	50	10	30	10	0	semi-natural grassland, heath and conifer plantation; flying, hunting	BJ
K.061	VP1	03/08/2022	14:09	Kestrel	1	55	55	0	0	0	semi-natural grassland and bogs; flying, hunting, upland	BJ
K.062	VP1	08/08/2022	15:18	Kestrel	1	45	5	40	0	0	semi-natural grassland; flying, hunting, upland	BJ
K.063	VP1	08/08/2022	15:25	Kestrel	1	150	0	50	100	0	semi-natural grassland, linear woodland/scrub and improved agricultural grassland; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.064	VP1	08/08/2022	15:52	Kestrel	1	60	0	0	60	0	semi-natural grassland and linear woodland/scrub; flying, mobbed by swallows	BJ
K.065	VP1	08/08/2022	16:43	Kestrel	1	50	0	0	50	0	heath and semi-natural grassland; flying, hunting, upland	BJ
K.066	VP2	09/08/2022	09:06	Kestrel	2	130	0	0	80	50	conifer plantation, improved agricultural grassland and linear woodland/scrub; flying, hunting, mobbed	BJ
K.067	VP2	09/08/2022	10:22	Kestrel	1	210	0	0	60	150	improved agricultural grassland, linear woodland/scrub and semi-natural grassland; flying, mobbed	BJ
K.068	VP2	09/08/2022	13:22	Kestrel	2	50	0	0	50	0	semi-natural grassland and heath; flying, upland	BJ
K.069	VP6	10/08/2022	10:44	Kestrel	1	40	20	20	0	0	improved agricultural grassland and heath; flying	BJ
K.070	VP6	10/08/2022	10:55	Kestrel	1	55	55	0	0	0	semi-natural grassland, improved agricultural grassland and heath; flying	BJ
K.071	VP6	10/08/2022	11:49	Kestrel	1	45	40	5	0	0	improved agricultural grassland and heath; flying	BJ
K.072	VP6	10/08/2022	12:09	Kestrel	1	35	0	0	35	0	semi-natural grassland, heath and linear woodland/scrub; flying	BJ
K.073	VP6	10/08/2022	12:35	Kestrel	1	5	5	0	0	0	buildings and artificial surfaces; flying, flying between polls	BJ
K.074	VP6	10/08/2022	13:00	Kestrel	1	70	0	0	60	10	improved grassland, conifer plantation and immature woodland; flying	BJ
K.075	VP6	10/08/2022	13:39	Kestrel	1	50	5	225	20	0	improved agricultural grassland and semi-natural grassland; flying, hunting	BJ
K.076	VP6	10/08/2022	13:53	Kestrel	1	110	0	0	80	30	improved agricultural grassland, semi-natural grassland and heath; flying, mobbed	BJ
K.077	VP6	10/08/2022	14:11	Kestrel	1	30	0	30	0	0	semi-natural grassland and heath; flying	BJ
K.078	VP6	10/08/2022	14:39	Kestrel	1	250	25	100	125	0	semi-natural grassland and heath; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.079	VP6	10/08/2022	15:29	Kestrel	1	30	0	30	0	0	semi-natural grassland; flying, hunting	BJ
K.080	VP7	11/08/2022	10:53	Kestrel	1	42	5	30	7	0	improved agricultural grassland, upland blanket bog and conifer plantation; foraging	CC
K.081	VP7	11/08/2022	12:22	Kestrel	1	57	20	37	0	0	improved agricultural grassland; foraging	CC
K.082	VP8	12/08/2022	07:06	Kestrel	1	55	55	0	0	0	improved agricultural grassland; flying, foraging, landed on pole, juvenile	CC
K.083	VP8	12/08/2022	07:07	Kestrel	1	22	22	0	0	0	improved agricultural grassland; came off ground with lizard, flew to pole to eat, adult male	CC
K.084	VP8	12/08/2022	09:07	Kestrel	1	68	33	18	17	0	improved agricultural grassland and dry calcareous and neutral grassland; foraging, lost against background/landed	CC
K.085	VP8	12/08/2022	11:26	Kestrel	1	572	377	120	75	0	improved agricultural grassland; foraging, max 35m	CC
K.086	VP5	16/08/2022	09:08	Kestrel	1	10	10	0	0	0	conifer plantation; flying	BJ
K.087	VP5	16/08/2022	09:37	Kestrel	2	50	10	25	15	0	conifer plantation; flying	BJ
K.088	VP5	16/08/2022	10:13	Kestrel	1	70	50	20	0	0	semi-natural grassland, linear woodland/scrub and improved agricultural grassland; flying, diving	BJ
K.089	VP5	16/08/2022	11:28	Kestrel	2	160	80	80	0	0	dry calcareous and neutral grassland; flying, hunting	BJ
K.090	VP5	16/08/2022	11:52	Kestrel	1	145	70	45	30	0	improved agricultural grassland and conifer plantation; flying	BJ
K.091	VP5	16/08/2022	12:35	Kestrel	1	70	25	40	5	0	dry calcareous and neutral grassland; flying	BJ
K.092	VP5	16/08/2022	12:58	Kestrel	1	35	10	25	0	0	dry calcareous and neutral grassland and heath; flying	BJ
K.093	VP5	16/08/2022	13:16	Kestrel	1	110	60	50	0	0	dry calcareous and neutral grassland and linear woodland/scrub; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.094	VP5	16/08/2022	13:37	Kestrel	2	35	35	0	0	0	dry calcareous and neutral grassland and conifer plantation; flying	BJ
K.095	VP5	16/08/2022	13:48	Kestrel	1	130	0	0	120	10	dry calcareous and neutral grassland and linear woodland/scrub; flying	BJ
K.096	VP4	17/08/2022	11:14	Kestrel	1	35	35	0	0	0	semi-natural grassland, conifer plantation and immature woodland; flying, mobbed by meadow pipit	BJ
K.097	VP7	17/08/2022	12:01	Kestrel	1	212	130	40	42	0	improved agricultural grassland and conifer plantation; foraging, max 50m	CC
K.098	VP4	17/08/2022	12:45	Kestrel	1	10	10	0	0	0	semi-natural grassland and heath; flying	BJ
K.099	VP4	17/08/2022	12:50	Kestrel	1	80	10	10	60	0	semi-natural grassland and improved agricultural grassland; flying, hunting	BJ
K.100	VP4	17/08/2022	16:55	Kestrel	1	30	0	0	30	0	semi-natural grassland and conifer plantation; flying	BJ
K.101	VP4	17/08/2022	17:52	Kestrel	1	350	0	0	300	50	semi-natural grassland and conifer plantation; flying, hunting, upland	BJ
K.102	VP5	23/08/2022	10:19	Kestrel	1	10	0	10	0	0	conifer plantation; flying	BJ
K.103	VP5	23/08/2022	10:43	Kestrel	1	15	5	10	0	0	semi-natural grassland and conifer plantation; flying	BJ
K.104	VP2	23/08/2022	12:55	Kestrel	1	10	0	0	10	0	conifer plantation; flying	BJ
K.105	VP3	24/08/2022	09:56	Kestrel	1	95	5	20	65	5	bogs and semi-natural grassland; flying, hunting, upland	BJ
K.106	VP3	24/08/2022	10:10	Kestrel	1	190	10	10	110	60	bogs and semi-natural grassland; flying, upland	BJ
K.107	VP3	24/08/2022	10:20	Kestrel	1	95	5	20	70	0	semi-natural grassland and conifer plantation; flying, hunting, upland	BJ
K.108	VP3	24/08/2022	10:30	Kestrel	1	85	25	40	20	0	conifer plantation, semi-natural grassland and bogs; flying, upland	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.109	VP3	24/08/2022	11:07	Kestrel	1	95	15	20	60	0	conifer plantation, semi-natural grassland and bogs; flying, upland	BJ
K.110	VP3	24/08/2022	11:36	Kestrel	1	110	20	20	60	10	bogs and semi-natural grassland; flying, upland	BJ
K.111	VP6	24/08/2022	12:32	Kestrel	1	60	20	40	0	0	semi-natural grassland; flying, hunting	BJ
K.112	VP6	24/08/2022	12:43	Kestrel	1	240	50	30	140	20	semi-natural grassland and highly modified/non-native woodland; flying, hunting	BJ
K.113	VP6	24/08/2022	12:53	Kestrel	1	55	5	5	45	0	semi-natural grassland; flying	BJ
K.114	VP6	24/08/2022	13:03	Kestrel	1	40	35	5	0	0	semi-natural grassland; flying, mobbed	BJ
K.115	VP6	24/08/2022	13:12	Kestrel	1	80	10	30	40	0	semi-natural grassland; flying	BJ
K.116	VP6	24/08/2022	13:43	Kestrel	1	90	10	50	30	0	improved agricultural grassland and heath; flying	BJ
K.117	VP6	24/08/2022	14:43	Kestrel	1	60	10	20	30	0	semi-natural grassland and heath; flying, hunting	BJ
K.118	VP7	01/09/2022	14:22	Kestrel	1	45	0	35	10	0	conifer plantation and improved agricultural grassland; foraging	CC
K.119	VP8	02/09/2022	12:58	Kestrel	1	318	250	68	0	0	improved agricultural grassland; foraging, adult male	CC
K.120	VP8	02/09/2022	13:21	Kestrel	1	485	220	250	15	0	improved agricultural grassland and dry-humid acid grassland; foraging	CC
K.121	VP8	02/09/2022	14:18	Kestrel	1	87	72	15	0	0	improved agricultural grassland; foraging	CC
K.122	VP8	02/09/2022	14:36	Kestrel	1	181	100	81	0	0	improved agricultural grassland; foraging	CC
K.123	VP8	02/09/2022	14:55	Kestrel	1	40	0	10	35	0	improved agricultural grassland and dry-humid acid grassland; foraging	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.124	VP1	07/09/2022	19:38	Kestrel	1	15	15	0	0	0	conifer plantation and semi-natural grassland; flying, hilltop	BJ
K.125	VP2	08/09/2022	15:44	Kestrel	1	452	0	0	152	300	recently-felled woodland and conifer plantation; flying	BJ
K.126	VP2	08/09/2022	16:12	Kestrel	1	170	5	5	100	60	improved agricultural grassland, conifer plantation and immature woodland; flying, hunting	BJ
K.127	VP2	08/09/2022	16:57	Kestrel	1	37	15	22	0	0	dry-humid acid grassland and heath; flying, hunting, hilltop	BJ
K.128	VP2	08/09/2022	18:24	Kestrel	1	260	10	50	200	0	conifer plantation and heath; flying, hunting	BJ
K.129	VP2	08/09/2022	18:26	Kestrel	1	120	0	0	100	20	semi-natural grassland, improved agricultural grassland and linear woodland/scrub; flying	BJ
K.130	VP2	08/09/2022	19:49	Kestrel	1	35	15	20	0	0	conifer plantation and heath; flying	BJ
K.131	VP3	15/09/2022	16:17	Kestrel	1	50	0	0	10	40	conifer plantation; flying	BJ
K.132	VP6	16/09/2022	09:23	Kestrel	1	25	5	20	0	0	improved agricultural grassland and heath; flying, mobbed by meadow pipit	BJ
K.133	VP6	16/09/2022	12:04	Kestrel	1	75	5	70	0	0	heath and semi-natural grassland; flying, hunting	BJ
K.134	VP4	20/09/2022	13:49	Kestrel	1	140	0	0	100	40	heath and semi-natural grassland; flying, hunting, upland	BJ
K.135	VP4	20/09/2022	14:05	Kestrel	1	80	20	20	40	0	highly modified/non-native woodland and semi-natural grassland; flying, perching, flying to briefly perch on tree	BJ
K.136	VP4	20/09/2022	14:21	Kestrel	1	-	-	-	-	-	buildings and artificial surfaces and semi-natural grassland; perching, perched on pylon	BJ
K.137	VP4	20/09/2022	14:37	Kestrel	1	80	0	10	70	0	semi-natural grassland and conifer plantation; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.138	VP4	20/09/2022	14:53	Kestrel	1	80	20	60	0	0	semi-natural grassland, heath and bogs; flying, hunting	BJ
K.139	VP4	20/09/2022	15:19	Kestrel	1	50	5	5	40	0	improved agricultural grassland and highly modified/non-native woodland; flying, hunting	BJ
K.140	VP4	20/09/2022	15:27	Kestrel	1	200	0	0	50	150	conifer plantation and semi-natural grassland; flying	BJ
K.141	VP4	20/09/2022	15:42	Kestrel	1	90	30	50	10	0	conifer plantation and heath; flying, mobbed	BJ
K.142	VP4	20/09/2022	16:13	Kestrel	1	60	0	0	60	0	conifer plantation and semi-natural grassland; flying	BJ
K.143	VP4	20/09/2022	16:38	Kestrel	1	120	0	10	110	0	semi-natural grassland and heath; flying, hunting	BJ
K.144	VP4	20/09/2022	16:48	Kestrel	1	30	0	30	0	0	highly modified/non-native woodland and improved agricultural grassland; perching, flying	BJ
K.145	VP5	21/09/2022	15:34	Kestrel	1	230	0	20	200	10	improved agricultural grassland, heath and conifer plantation; flying, hunting	BJ
K.146	VP5	21/09/2022	18:11	Kestrel	1	-	-	-	-	-	buildings and artificial surfaces and improved agricultural grassland; perched on post	BJ
K.147	VP5	28/09/2022	14:48	Kestrel	1	350	50	100	200	0	semi-natural grassland and conifer plantation; flying, hunting	BJ
K.148	VP5	28/09/2022	16:24	Kestrel	1	125	50	50	25	0	semi-natural grassland; flying, hunting	BJ
K.149	VP5	28/09/2022	16:32	Kestrel	1	80	20	60	0	0	semi-natural grassland and heath; flying, hunting	BJ
K.150	VP6	28/09/2022	18:16	Kestrel	1	40	5	5	30	0	heath and bogs; flying, hunting	BJ
K.151	VP6	28/09/2022	18:24	Kestrel	1	115	20	75	20	0	improved agricultural grassland and semi-natural grassland; flying, hunting	BJ
K.152	VP6	28/09/2022	18:38	Kestrel	1	190	10	50	90	40	improved grassland, semi-natural grassland and heath; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.153	VP1	05/10/2022	08:42	Kestrel	1	20	20	0	0	0	heath and bogs; flying, hunting, on hilltop	BJ
K.154	VP1	05/10/2022	09:01	Kestrel	1	50	20	30	0	0	heath and bogs; flying, hunting, hilltop	BJ
K.155	VP1	05/10/2022	12:45	Kestrel	1	60	60	0	0	0	heath and bogs; flying, hunting, hilltop	BJ
K.156	VP8	06/10/2022	08:45	Kestrel	1	35	35	0	0	0	improved agricultural grassland and semi-natural grassland; flying, mobbed	BJ
K.157	VP6	11/10/2022	10:49	Kestrel	1	-	-	-	-	-	linear woodland/scrub and improved grassland; perching	BJ
K.158	VP6	11/10/2022	11:01	Kestrel	1	45	45	0	0	0	semi-natural grassland and heath; flying, hunting	BJ
K.159	VP6	11/10/2022	11:09	Kestrel	1	50	0	50	0	0	improved agricultural grassland and heath; flying, hunting	BJ
K.160	VP6	11/10/2022	11:51	Kestrel	1	220	0	0	220	0	improved grassland and heath; flying, hunting	BJ
K.161	VP6	11/10/2022	11:51	Kestrel	1	-	-	-	-	-	linear woodland/scrub; perching, c. 30 mins	BJ
K.162	VP6	11/10/2022	12:22	Kestrel	1	215	0	0	0	215	semi-natural grassland and bogs; flying, hunting	BJ
K.163	VP6	11/10/2022	12:27	Kestrel	1	70	20	50	0	0	improved grassland; flying, hunting	BJ
K.164	VP6	11/10/2022	15:49	Kestrel	1	25	25	0	0	0	semi-natural grassland; flying, hunting	BJ
K.165	VP7	13/10/2022	10:16	Kestrel	1	-	-	-	-	-	heath; perching	BJ
K.166	VP7	13/10/2022	11:16	Kestrel	1	5	5	0	0	0	buildings and artificial surfaces; perching, flying	BJ
K.167	VP5	14/10/2022	09:14	Kestrel	1	20	0	20	0	0	conifer plantation; flying, perching	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.168	VP5	14/10/2022	09:45	Kestrel	1	70	0	70	0	0	linear woodland/scrub, semi-natural grassland and conifer plantation; flying, mobbed	BJ
K.169	VP5	14/10/2022	11:02	Kestrel	1	125	0	0	125	0	conifer plantation and improved grassland; flying, mobbed	BJ
K.170	VP5	14/10/2022	11:23	Kestrel	1	50	10	30	10	0	semi-natural grassland and conifer plantation; flying, mobbed	BJ
K.171	VP3	20/10/2022	08:17	Kestrel	2	70	0	20	50	0	conifer plantation and bogs; flying, hunting	BJ
K.172	VP3	20/10/2022	08:26	Kestrel	1	30	5	20	5	0	semi-natural grassland and linear woodland/scrub; flying, perching	BJ
K.173	VP3	20/10/2022	09:04	Kestrel	1	25	20	5	0	0	linear woodland/scrub and improved agricultural grassland; perching, flying	BJ
K.174	VP3	20/10/2022	09:53	Kestrel	1	25	0	0	25	0	heath and semi-natural grassland; flying, hunting	BJ
K.175	VP3	20/10/2022	10:26	Kestrel	1	55	15	5	35	0	bogs and conifer plantation; flying, mobbed	BJ
K.176	VP1	02/11/2022	16:18	Kestrel	1	20	20	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
K.177	VP2	03/11/2022	12:51	Kestrel	1	15	15	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
K.178	VP2	03/11/2022	13:09	Kestrel	1	15	15	0	0	0	improved agricultural grassland; flying, perching	BJ
K.179	VP2	03/11/2022	15:24	Kestrel	1	10	10	0	0	0	improved grassland and conifer plantation; flying, hunting	BJ
K.180	VP3	04/11/2022	12:34	Kestrel	1	90	0	0	90	0	conifer plantation and bogs; flying, hunting	BJ
K.181	VP3	04/11/2022	12:47	Kestrel	1	30	0	30	0	0	bogs; flying	BJ
K.182	VP3	04/11/2022	13:05	Kestrel	1	65	0	65	0	0	bogs; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.183	VP3	04/11/2022	13:23	Kestrel	1	130	10	20	100	0	bogs; flying, hunting	BJ
K.184	VP3	04/11/2022	13:43	Kestrel	1	180	0	50	130	0	bogs and conifer plantation; flying, hunting	BJ
K.185	VP3	04/11/2022	15:20	Kestrel	1	30	2	2	26	0	bogs; flying, hunting	BJ
K.186	VP3	04/11/2022	15:34	Kestrel	1	85	5	80	0	0	bogs; flying, hunting	BJ
K.187	VP5	04/11/2022	16:28	Kestrel	1	275	100	100	75	0	bogs; flying	BJ
K.188	VP3	04/11/2022	17:00	Kestrel	1	170	20	100	50	0	bogs; flying, hunting	BJ
K.189	VP5	08/11/2022	11:50	Kestrel	1	30	20	10	0	0	improved agricultural grassland, heath and conifer plantation; flying, mobbed	BJ
K.190	VP5	08/11/2022	15:23	Kestrel	1	130	0	40	75	15	improved agricultural grassland and linear woodland/scrub; flying, hunting	BJ
K.191	VP4	17/11/2022	11:24	Kestrel	1	110	0	0	10	100	bogs and conifer plantation; flying, hunting	BJ
K.192	VP4	17/11/2022	12:17	Kestrel	1	-	-	-	-	-	buildings and artificial surfaces; perched, perched on pylon 10 plus mins	BJ
K.193	VP4	17/11/2022	13:29	Kestrel	1	170	20	50	100	0	conifer plantation; flying	BJ
K.194	VP4	17/11/2022	13:51	Kestrel	1	100	0	0	0	100	conifer plantation and improved grassland; flying	BJ
K.195	VP6	18/11/2022	13:55	Kestrel	1	230	0	30	100	100	bogs and improved grassland; flying, hunting	BJ
K.196	VP6	18/11/2022	15:17	Kestrel	1	120	20	50	50	0	improved grassland and linear woodland/scrub; flying, hunting	BJ
K.197	VP6	18/11/2022	16:23	Kestrel	1	50	40	10	0	0	semi-natural grassland; flying, hunting	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.198	VP8	22/11/2022	11:43	Kestrel	1	45	0	0	45	0	bogs, semi-natural grassland and heath; flying	BJ
K.199	VP8	22/11/2022	12:11	Kestrel	1	10	10	0	0	0	linear woodland/scrub and heath; flying, flying to perch in tree	BJ
K.200	VP8	22/11/2022	13:42	Kestrel	1	10	10	0	0	0	linear woodland/scrub and improved grassland; flying, perched on fence then flew away	BJ
K.201	VP7	29/11/2022	14:14	Kestrel	1	130	0	0	130	0	conifer plantation and bogs; flying, hovering	BJ
K.202	VP8	29/11/2022	15:55	Kestrel	1	40	0	40	0	0	conifer plantation; flying, hovering	BJ
K.203	VP5	01/12/2022	11:14	Kestrel	1	40	5	30	5	0	improved grassland and conifer plantation; flying, perched on standing stone, flew to forestry	BJ
K.204	VP8	06/12/2022	09:01	Kestrel	1	10	10	0	0	0	not recorded; flying, perching, flew to perch on fence then fly behind hill	BJ
K.205	VP6	07/12/2022	08:51	Kestrel	1	55	55	0	0	0	improved grassland and heath; flying, mobbed	BJ
K.206	VP1	07/12/2022	09:12	Kestrel	1	60	60	0	0	0	improved agricultural grassland and conifer plantation; flying	EC
K.207	VP2	08/12/2022	13:26	Kestrel	1	300	150	150	0	0	conifer plantation; flying, constantly harassed by corvids	EC
K.208	VP5	05/01/2023	13:32	Kestrel	1	30	0	37	0	0	improved agricultural grassland; flying, chased by hooded crow, the location is at vp6	EC
K.209	VP8	16/01/2023	12:51	Kestrel	1	-	-	-	-	-	linear woodland/scrub and improved grassland; perching	BJ
K.210	VP8	16/01/2023	16:31	Kestrel	1	25	5	20	0	0	improved agricultural grassland and buildings and artificial surfaces; perching, flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.211	VP7	28/02/2023	10:12	Kestrel	1	70	0	70	0	0	upland blanket bog; hunting , female	JM
K.212	VP8	29/03/2023	18:57	Kestrel	1	60	0	60	0	0	upland blanket bog and conifer plantation; flying, female	EC
K.213	VP7	04/04/2023	09:35	Kestrel	1	120	0	30	90	0	upland blanket bog; hunting, hovering, male	JM
K.214	VP5	06/04/2023	08:07	Kestrel	1	75	0	75	0	0	upland blanket bog; hunting, hovering, male	JM
K.215	VP5	06/04/2023	14:11	Kestrel	1	206	0	100	106	0	upland blanket bog; hunting, hovering, male	JM
K.216	VP2	12/04/2023	10:17	Kestrel	1	69	0	69	0	0	upland blanket bog and improved agricultural grassland; hunting, perched, female	JM
K.217	VP6	11/05/2023	16:35	Kestrel	1	120	0	0	120	0	improved agricultural grassland; flying, hovering	EC
K.218	VP6	11/05/2023	19:33	Kestrel	1	30	30	0	0	0	improved agricultural grassland; flying low brief hover, unsuccessful dive for prey, female	EC
K.219	VP6	11/05/2023	20:59	Kestrel	1	180	0	0	180	0	upland blanket bog and improved agricultural grassland; flying, hovering, mobbed by meadow pipits	EC
K.220	VP6	11/05/2023	21:38	Kestrel	1	120	0	120	0	0	improved agricultural grassland and upland blanket bog; flying, hovering	EC
K.221	VP4	01/06/2023	11:27	Kestrel	1	300	0	0	308	0	improved agricultural grassland, conifer plantation and upland blanket bog; flying, hovering	EC
K.222	VP8	08/06/2023	08:52	Kestrel	1	300	0	300	0	0	improved agricultural grassland; flying, hovering, mobbed by corvids	EC
K.223	VP3	20/06/2023	10:35	Kestrel	1	60	0	0	60	0	improved agricultural grassland; flying, chased by corvids	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.224	VP6	21/06/2023	10:45	Kestrel	1	60	0	60	0	0	improved agricultural grassland; flying, harassed by corvids	EC
K.225	VP6	21/06/2023	14:27	Kestrel	1	180	0	0	180	0	improved agricultural grassland; flying, soaring	EC
K.227	VP5	13/07/2023	12:02	Kestrel	1	30	38	0	0	0	improved agricultural grassland; flying, flew from fence post aling road	EC
K.228	VP4	01/08/2023	08:30	Kestrel	1	600	600	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling, perching on fence posts	EC
K.229	VP4	01/08/2023	08:44	Kestrel	1	128	0	0	120	0	upland blanket bog and improved agricultural grassland; flying, hovering	EC
K.230	VP6	02/08/2023	09:39	Kestrel	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, mobbed by raven	EC
K.231	VP3	03/08/2023	09:53	Kestrel	1	30	0	0	30	0	upland blanket bog; flying	EC
K.232	VP8	09/08/2023	12:31	Kestrel	1	600	0	600	0	0	improved agricultural grassland; flying, hovering, landing on overhead wires	EC
K.233	VP4	15/08/2023	12:55	Kestrel	1	60	60	0	0	0	upland blanket bog and improved agricultural grassland; flying, hovering, calling, harassed by hooded crow	EC
K.234	VP5	17/08/2023	12:43	Kestrel	1	60	0	60	0	0	upland blanket bog and improved agricultural grassland; flying, calling, mobbed by hirundinids	EC
K.235	VP7	13/09/2023	08:15	Kestrel	1	120	120	0	0	0	improved agricultural grassland and upland blanket bog; flying, perching on posts	EC
K.236	VP8	21/09/2023	08:51	Kestrel	1	30	30	0	0	0	improved agricultural grassland; flying	EC
K.237	VP8	21/09/2023	10:31	Kestrel	1	60	60	0	0	0	improved agricultural grassland; flying, landed briefly on tree	EC
K.238	VP8	21/09/2023	11:44	Kestrel	1	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.239	VP8	21/09/2023	12:43	Kestrel	1	300	0	300	0	0	improved agricultural grassland; flying, landing on poles	EC
K.240	VP1	22/09/2023	09:35	Kestrel	1	300	0	0	0	300	upland blanket bog; flying, mobbed by ravens	EC
K.241	VP1	22/09/2023	09:37	Kestrel	2	180	0	180	0	0	improved agricultural grassland; flying, calling	EC
K.242	VP1	22/09/2023	11:38	Kestrel	2	600	0	0	0	600	upland blanket bog; flying, hovering	EC
K.243	VP1	22/09/2023	11:40	Kestrel	1	30	0	0	30	0	improved agricultural grassland; flying, mobbed by hooded crows	EC
K.244	VP2	28/10/2023	15:42	Kestrel	1	30	0	30	0	0	improved grassland and conifer plantation; hunting	AR
K.245	VP2	28/10/2023	17:06	Kestrel	1	10	0	10	0	0	improved grassland; flying	AR
K.246	VP8	29/10/2023	16:28	Kestrel	1	20	0	20	0	0	improved grassland; hunting	AR
K.247	VP4	30/10/2023	13:06	Kestrel	1	5	0	5	0	0	improved grassland and hedgerows; flying	AR
K.248	VP4	30/10/2023	15:41	Kestrel	1	10	0	10	0	0	conifer plantation; flying, female	AR
K.249	VP4	30/10/2023	16:10	Kestrel	1	30	0	10	20	0	conifer plantation and improved grassland; hunting	AR
K.250	VP5	09/11/2023	10:30	Kestrel	1	30	38	0	0	0	conifer plantation and upland blanket bog; flying	EC
K.251	VP7	21/12/2023	12:06	Kestrel	1	5	5	0	0	0	improved grassland and hedgerows; flying	AR
K.252	VP3	27/12/2023	13:09	Kestrel	1	5	0	0	5	0	conifer plantation; flying	AR
K.253	VP8	29/01/2024	12:14	Kestrel	1	10	0	10	0	0	conifer plantation; flying	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.254	VP2	30/01/2024	11:51	Kestrel	1	10	10	0	0	0	improved grassland, hedgerows and conifer plantation; flying, male lost to view	AR
K.255	VP2	30/01/2024	12:46	Kestrel	1	-	-	-	-	-	conifer plantation; perched, adult male	AR
K.256	VP5	22/02/2024	15:05	Kestrel	1	480	0	380	100	0	improved grassland and conifer plantation; hunting, hovering, clear-felled area	TKS
K.257	VP3	26/03/2024	10:17	Kestrel	1	60	0	20	40	0	bogs; hunting	AR
K.258	VP4	28/03/2024	09:43	Kestrel	1	60	0	60	0	0	improved grassland and hedgerows; hunting, male	AR
K.259	VP4	28/03/2024	10:12	Kestrel	1	10	0	10	0	0	conifer plantation; flying, male	AR
K.260	VP4	28/03/2024	10:51	Kestrel	1	20	0	0	20	0	improved grassland; hunting, male	AR
K.261	VP2	22/04/2024	18:49	Kestrel	1	125	0	125	0	0	scrub; hunting, hovering, travelling north, adult male	JM
K.262	VP4	24/04/2024	19:12	Kestrel	1	75	0	75	0	0	improved agricultural grassland; hunting, adult male	JM
K.263	VP9	30/04/2024	16:48	Kestrel	1	120	0	40	80	0	conifer plantation, scrub and improved agricultural grassland; hunting	LB
K.264	VP2	10/06/2024	13:20	Kestrel	1	30	30	0	0	0	recently-felled woodland; hunting, flew low and perched	TS
K.265	VP2	10/06/2024	13:25	Kestrel	1	-	-	-	-	-	wet heath; perched, perched for at least 5 min	TS
K.266	VP5	13/06/2024	12:25	Kestrel	1	10	10	0	0	0	wet grassland; travelling, flying low	TS
K.267	VP7	16/06/2024	16:05	Kestrel	1	5	5	0	0	0	wet heath; travelling	TS
K.268	VP9	17/06/2024	16:10	Kestrel	1	10	10	0	0	0	wet heath; travelling	TS

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.269	VP4	20/06/2024	12:32	Kestrel	1	350	20	130	200	0	wet grassland and dense bracken; hunting	TS
K.270	VP4	20/06/2024	13:50	Kestrel	1	220	10	50	160	0	wet grassland; hunting	TS
K.271	VP4	20/06/2024	15:20	Kestrel	1	480	0	240	240	0	wet heath and wet grassland; hunting	TS
K.272	VP4	20/06/2024	16:10	Kestrel	1	90	60	30	0	0	wet heath and wet grassland; hunting	TS
K.273	VP4	20/06/2024	17:15	Kestrel	1	90	0	30	60	0	wet grassland and conifer plantation; hunting	TS
K.274	VP8	23/06/2024	14:20	Kestrel	1	130	0	30	100	0	wet heath and dense bracken; hunting	TS
K.275	VP8	23/06/2024	15:05	Kestrel	1	25	0	0	25	0	wet heath; hunting	TS
K.276	VP3	24/06/2024	14:20	Kestrel	1	50	0	20	30	0	wet heath; hunting	TS
K.277	VP3	24/06/2024	14:45	Kestrel	1	60	0	10	50	0	wet heath; hunting	TS
K.278	VP3	24/06/2024	15:50	Kestrel	1	60	0	0	60	0	wet heath; hunting	TS
K.279	VP3	24/06/2024	15:50	Kestrel	1	300	0	200	80	0	wet heath, exposed siliceous rock and scrub; hunting, briefly interacted with k15	TS
K.280	VP4	09/07/2024	12:40	Kestrel	1	388	38	300	50	0	scrub; hunting	LB
K.281	VP5	10/07/2024	09:07	Kestrel	2	80	30	50	0	0	scrub; hunting, 1 bird perched on a fence post for 5min, 1 bird went behind hill	LB
K.282	VP5	10/07/2024	10:14	Kestrel	1	37	10	27	0	0	improved agricultural grassland and scrub; hunting, male. dropped, didn't see it take off	LB
K.284	VP5	10/07/2024	11:35	Kestrel	1	174	0	100	74	0	scrub and conifer plantation; travelling	LB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.285	VP5	10/07/2024	11:57	Kestrel	1	74	74	0	0	0	scrub; hunting	LB
K.286	VP5	10/07/2024	12:10	Kestrel	1	526	20	100	406	0	scrub and conifer plantation; hunting, dropped behind hill, didn't see it took off	LB
K.287	VP5	10/07/2024	12:25	Kestrel	1	239	20	219	0	0	scrub and hedgerows; hunting	LB
K.288	VP5	10/07/2024	12:45	Kestrel	1	165	0	0	110	55	scrub, hedgerows and conifer plantation; travelling, soaring	LB
K.289	VP5	10/07/2024	12:55	Kestrel	1	238	10	108	120	0	scrub and hedgerows; hunting, dopped, didn't see it took off	LB
K.290	VP7	23/07/2024	15:50	Kestrel	1	348	130	138	80	0	bogs; hunting	CR
K.291	VP7	23/07/2024	16:01	Kestrel	1	210	15	15	180	0	bogs; hunting	CR
K.292	VP7	23/07/2024	19:34	Kestrel	1	79	79	0	0	0	bogs; hunting	CR
K.293	VP9	29/07/2024	11:50	Kestrel	1	113	15	98	0	0	upland blanket bog; hunting	CR
K.294	VP9	29/07/2024	12:28	Kestrel	1	110	0	110	0	0	upland blanket bog; hunting	CR
K.295	VP9	29/07/2024	12:31	Kestrel	3	255	100	155	0	0	upland blanket bog and conifer plantation; hunting, flying	CR
K.296	VP9	29/07/2024	12:38	Kestrel	2	214	39	40	135	0	upland blanket bog; hunting	CR
K.297	VP9	29/07/2024	12:47	Kestrel	1	78	35	43	0	0	upland blanket bog; hunting	CR
K.298	VP9	29/07/2024	12:54	Kestrel	2	219	54	35	130	0	upland blanket bog and conifer plantation; flying	CR
K.299	VP9	29/07/2024	12:55	Kestrel	1	210	29	77	104	0	upland blanket bog; hunting	CR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.300	VP9	29/07/2024	17:30	Kestrel	2	-	-	-	-	-	bogs; calling	CR
K.301	VP9	29/07/2024	17:46	Kestrel	1	105	105	0	0	0	upland blanket bog; hunting	CR
K.302	VP2	13/08/2024	08:39	Kestrel	1	60	60	0	0	0	improved agricultural grassland; flying	EC
K.303	VP2	13/08/2024	14:45	Kestrel	1	120	0	0	120	0	upland blanket bog and improved agricultural grassland; flying, hovering	EC
K.304	VP8	28/08/2024	08:15	Kestrel	1	18	0	18	0	0	improved agricultural grassland, scrub and treelines; flying, perched, juvenile. perched in tree for 2 minutes and took off. mobbed by swallows	LB
K.305	VP8	28/08/2024	13:36	Kestrel	1	170	0	50	120	0	improved agricultural grassland, scrub and hedgerows; hunting, lost in distance. mobbed by swallows	LB
K.306	VP9	03/09/2024	12:15	Kestrel	1	324	0	44	280	0	scrub and conifer plantation; hunting, went behind forestry	LB
K.307	VP7	04/09/2024	12:29	Kestrel	1	465	10	430	25	0	wet grassland, conifer plantation and improved agricultural grassland; hunting, juvenile. mobbed by passerines at the beginning. might have dropped at the end but hard to see	LB
K.308	VP4	19/09/2024	11:57	Kestrel	1	30	0	30	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
K.309	VP2	26/09/2024	07:38	Kestrel	1	120	0	0	120	0	upland blanket bog; flying	EC
K.310	VP2	26/09/2024	08:17	Kestrel	1	30	0	30	0	0	improved agricultural grassland and upland blanket bog; flying	EC
K.311	VP2	26/09/2024	08:49	Kestrel	1	30	0	0	30	0	improved agricultural grassland; flying, mobbed by corvids	EC
K.312	VP2	26/09/2024	09:19	Kestrel	1	300	300	0	0	0	improved agricultural grassland and upland blanket bog; flying, hovering	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.313	VP2	26/09/2024	10:21	Kestrel	1	300	0	300	0	0	improved agricultural grassland; flying	EC
K.314	VP2	26/09/2024	11:47	Kestrel	1	60	60	0	0	0	improved agricultural grassland; flying, flew from unseen roadside perch	EC
K.315	VP4	16/10/2024	15:58	Kestrel	1	300	0	300	0	0	upland blanket bog; flying, hovering	EC
K.316	VP8	30/10/2024	16:01	Kestrel	1	120	60	60	0	0	upland blanket bog and improved agricultural grassland; flying, hovering	EC
K.317	VP3	08/11/2024	11:30	Kestrel	1	30	30	0	0	0	improved agricultural grassland; flying, mobbed by corvids	EC
K.318	VP8	13/11/2024	11:52	Kestrel	1	70	0	70	0	0	improved agricultural grassland and hedgerows; soaring, travelling, female. perched on pole for 1min then flew off	LB
K.319	VP7	27/11/2024	11:24	Kestrel	1	20	10	10	0	0	improved agricultural grassland; flying, perching	DM
K.320	VP8	27/11/2024	11:38	Kestrel	1	40	40	0	0	0	improved agricultural grassland; flying, perching	DM
K.321	VP8	27/11/2024	14:55	Kestrel	1	25	25	0	0	0	improved agricultural grassland; flying	DM
K.322	VP9	25/01/2025	09:48	Kestrel	1	168	0	30	138	0	heath and upland blanket bog; hunting	TKY
K.323	VP5	25/01/2025	11:00	Kestrel	1	210	30	180	0	0	semi-natural grassland and conifer plantation; hunting, adult female. attempted strike	SA
K.324	VP2	06/02/2025	12:49	Kestrel	1	180	180	0	0	0	improved agricultural grassland and bogs; flying, occasionally perching on roadside trees, mobbed by hooded crows	EC
K.325	VP7	27/02/2025	12:58	Kestrel	1	96	28	46	22	0	bogs; hunting	CR
K.326	VP5	28/03/2025	12:18	Kestrel	1	310	0	0	310	0	improved agricultural grassland and heath; hunting	TKY

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.327	VP3	31/03/2025	12:23	Kestrel	1	12	0	12	0	0	semi-natural grassland and bogs; in flight, adult male	SA

Table 7 - 4 - 27 Kestrel winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	13/10/2022	13:38	Kestrel	1	improved agricultural grassland; flying (wintering)	EC
K.002	21/10/2022	11:27	Kestrel	1	improved agricultural grassland; flying (wintering)	EC
K.003	08/11/2022	13:30	Kestrel	1	conifer plantation; flying (wintering)	EC
K.004	17/01/2024	14:06	Kestrel	1	improved agricultural grassland and conifer plantation; flying and calling (wintering)	EC
K.005	20/03/2024	17:05	Kestrel	1	improved grassland; flying, soaring (wintering)	TKS
K.006	22/10/2024	13:09	Kestrel	1	wet grassland; hunting (wintering)	DM
K.007	23/10/2024	08:30	Kestrel	1	improved agricultural grassland; hunting (wintering)	DM
K.008	21/01/2025	13:07	Kestrel	1	improved agricultural grassland; travelling (wintering)	LB
K.009	22/01/2025	11:02	Kestrel	1	improved agricultural grassland and hedgerows; travelling (wintering)	LB
K.010	28/01/2025	13:35	Kestrel	1	wet grassland, scrub and improved agricultural grassland; hunting, carrying prey, male (wintering)	LB
K.011	18/02/2025	14:17	Kestrel	1	heath, conifer plantation and improved agricultural grassland; hunting (wintering)	LB
K.012	18/02/2025	14:18	Kestrel	1	conifer plantation; perched in tree, female. could be same bird as before (wintering)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.013	28/03/2025	14:57	Kestrel	1	bogs, wet grassland and heath; hunting, dopped. didn't see it fly off (wintering)	LB

Table 7 - 4 - 28 Kestrel breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	14/04/2022	12:31	Kestrel	1	bogs; hunting (flyover; non-breeding)	BJ
K.002	04/05/2022	06:38	Kestrel	1	conifer plantation, upland blanket bog and dry-humid acid grassland; foraging, male (suitable nesting habitat; possible breeder)	CC
K.003	04/05/2022	20:34	Kestrel	1	heath, improved grassland and buildings and artificial surfaces; flying (suitable nesting habitat; possible breeder)	BJ
K.004	15/05/2022	06:15	Kestrel	1	improved agricultural grassland; foraging, male (suitable nesting habitat; possible breeder)	CC
K.005	26/05/2022	21:32	Kestrel	1	conifer plantation; hunting, recently felled (suitable nesting habitat; possible breeder)	BJ
K.006	14/06/2022	16:07	Kestrel	1	improved agricultural grassland and conifer plantation; flying, mobbed (suitable nesting habitat; possible breeder)	BJ
K.007	23/06/2022	12:22	Kestrel	1	improved grassland and heath; flying, perched on mast then flew away (flyover; non-breeding)	BJ
K.008	08/07/2022	12:48	Kestrel	1	improved agricultural grassland and highly modified/non-native woodland; flying, hunting (suitable nesting habitat; possible breeder)	BJ
K.009	21/07/2022	11:09	Kestrel	1	semi-natural grassland; flying, mobbed by sparrowhawk (flyover; non-breeding)	BJ
K.010	21/07/2022	13:50	Kestrel	1	heath and semi-natural grassland; flying (flyover; non-breeding)	BJ
K.011	22/07/2022	14:10	Kestrel	1	improved agricultural grassland and heath; flying, hunting (suitable nesting habitat; possible breeder)	BJ
K.012	11/08/2022	06:40	Kestrel	1	improved agricultural grassland; foraging (suitable nesting habitat; possible breeder)	CC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.013	02/09/2022	10:59	Kestrel	1	dry-humid acid grassland and improved agricultural grassland; foraging (not recorded)	CC
K.014	17/04/2023	10:53	Kestrel	1	upland blanket bog; hunting, adult male (suitable nesting habitat; possible breeder)	JM
K.015	20/04/2023	10:25	Kestrel	1	upland blanket bog; hunting, adult female (suitable nesting habitat; possible breeder)	JM
K.016	19/05/2023	13:30	Kestrel	1	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
K.018	19/07/2023	10:47	Kestrel	2	improved agricultural grassland; flying, calling, very vocal - presumably 2 of the birds observed earlier (fledged young; confirmed breeding)	EC
K.019	04/04/2024	12:55	Kestrel	1	improved grassland; flying (suitable nesting habitat; possible breeder)	CR
K.020	04/04/2024	13:12	Kestrel	1	highly modified/non-native woodland; flying (suitable nesting habitat; possible breeder)	CR
K.021	16/05/2024	11:36	Kestrel	1	wet grassland and conifer plantation; travelling (suitable nesting habitat; possible breeder)	LB
K.022	16/05/2024	14:30	Kestrel	1	improved agricultural grassland and conifer plantation; soaring (suitable nesting habitat; possible breeder)	LB
K.023	16/05/2024	14:33	Kestrel	2	improved agricultural grassland; soaring (flyover; non-breeding)	LB
K.024	17/05/2024	11:17	Kestrel	1	conifer plantation and scrub; hunting (suitable nesting habitat; possible breeder)	LB
K.025	17/05/2024	11:18	Kestrel	1	conifer plantation, improved agricultural grassland and scrub; hunting, male. probably same bird as before (suitable nesting habitat; possible breeder)	LB
K.026	18/06/2024	09:06	Kestrel	1	improved agricultural grassland and scrub; hunting (flyover; non-breeding)	LB
K.027	18/06/2024	09:12	Kestrel	1	improved agricultural grassland; hunting (flyover; non-breeding)	LB
K.028	18/06/2024	12:40	Kestrel	1	improved agricultural grassland; hunting (flyover; non-breeding)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.029	04/07/2024	12:58	Kestrel	1	improved grassland; flying (suitable nesting habitat; possible breeder)	CR
K.030	04/07/2024	12:59	Kestrel	2	improved grassland and bogs; flying (pair; probable breeding)	CR
K.031	04/07/2024	12:59	Kestrel	1	improved grassland and highly modified/non-native woodland; hovering, calling, landed in small forestry where it was also heard calling. (fledged young; confirmed breeding)	CR
K.032	04/07/2024	13:06	Kestrel	2	highly modified/non-native woodland; calling, at least two birds calling, with at least one likely to be same fledging observed at 13:00 pm. (fledged young; confirmed breeding)	CR
K.033	25/07/2024	14:58	Kestrel	1	bogs; hunting (suitable nesting habitat; possible breeder)	CR
K.034	25/07/2024	15:45	Kestrel	1	upland blanket bog and highly modified/non-native woodland; mobbing (agitated behaviour; probable breeding)	CR
K.035	31/07/2024	17:11	Kestrel	1	improved grassland and upland blanket bog; hunting (suitable nesting habitat; possible breeder)	CR

Table 7 - 4 - 29 Kestrel breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.001	BR1	04/05/2022	10:39	Kestrel	1	highly modified/non-native woodland, exposed rock and scrub, flying	suitable nesting habitat; possible breeder	BJ
K.002	BR1	04/05/2022	11:22	Kestrel	1	highly modified/non-native woodland and immature woodland, flying, mobbing buzzard	suitable nesting habitat; possible breeder	BJ
K.003	BR2	05/05/2022	11:34	Kestrel	1	heath, highly modified/non-native woodland and buildings and artificial surfaces, flying, ga1	suitable nesting habitat; possible breeder	BJ
K.004	BR2	05/05/2022	12:29	Kestrel	1	improved agricultural grassland, heath and scrub, flying, hunting	suitable nesting habitat; possible breeder	BJ
K.005	BR8	17/05/2022	15:47	Kestrel	1	ornamental/non-native shrub, highly modified/non-native woodland and buildings and artificial surfaces, flying	suitable nesting habitat; possible breeder	BJ
K.006	BR3	02/06/2022	15:37	Kestrel	1	conifer plantation, flying, perching	suitable nesting habitat; possible breeder	BJ

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.007	BR7	07/06/2022	11:28	Kestrel	1	heath and highly modified/non-native woodland, flying	suitable nesting habitat; possible breeder	BJ
K.008	BR7	07/06/2022	11:57	Kestrel	1	conifer plantation, flying	flyover; non-breeding	BJ
K.009	BR4	07/06/2022	14:48	Kestrel	1	mixed broadleaved woodland, flying	suitable nesting habitat; possible breeder	BJ
K.010	BR5	08/06/2022	10:44	Kestrel	1	conifer plantation, improved agricultural grassland and mixed conifer woodland, flying	suitable nesting habitat; possible breeder	BJ
K.011	BR8	08/06/2022	13:48	Kestrel	1	immature woodland, flying, hunting	suitable nesting habitat; possible breeder	BJ
K.012	BR8	08/06/2022	13:55	Kestrel	1	semi-natural grassland, heath and buildings and artificial surfaces, flying	flyover; non-breeding	BJ
K.013	BR6	13/06/2022	12:00	Kestrel	1	highly modified/non-native woodland and improved agricultural grassland, flying, male, young forestry	suitable nesting habitat; possible breeder	BJ
K.014	BR6	13/06/2022	14:37	Kestrel	1	mixed conifer woodland and improved agricultural grassland, flying	suitable nesting habitat; possible breeder	BJ
K.015	BR6	13/06/2022	15:18	Kestrel	1	conifer plantation and semi-natural grassland, flying, hunting	suitable nesting habitat; possible breeder	BJ
K.016	BR2	30/06/2022	10:13	Kestrel	1	conifer plantation and semi-natural grassland, mobbing raven	flyover; non-breeding	BJ
K.017	BR2	30/06/2022	10:43	Kestrel	1	conifer plantation, buildings and artificial surfaces and immature woodland, flying	flyover; non-breeding	BJ
K.019	BR2	30/06/2022	11:28	Kestrel	2	conifer plantation and immature woodland, flying	suitable nesting habitat; possible breeder	BJ
K.020	BR2	30/06/2022	13:40	Kestrel	1	conifer plantation and immature woodland, perched, flying, male calling	agitated behaviour; probable breeding	BJ
K.021	BR7	04/07/2022	10:17	Kestrel	1	conifer plantation and improved agricultural grassland, flying, hunting	flyover; non-breeding	BJ
K.022	BR7	04/07/2022	10:31	Kestrel	1	highly modified/non-native woodland and improved grassland, flying	flyover; non-breeding	BJ
K.023	BR3	05/07/2022	10:58	Kestrel	2	immature woodland, hunting	suitable nesting habitat; possible breeder	BJ

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.024	BR3	05/07/2022	11:12	Kestrel	1	recently-felled woodland and heath, flying, hunting	flyover; non-breeding	BJ
K.025	BR3	05/07/2022	11:22	Kestrel	2	immature woodland, flying	flyover; non-breeding	BJ
K.026	BR5	11/07/2022	09:40	Kestrel	1	conifer plantation and improved grassland, flying, hunting	flyover; non-breeding	BJ
K.027	BR5	11/07/2022	09:52	Kestrel	1	conifer plantation, heath and scrub/transitional woodland, flying, being mobbed	suitable nesting habitat; possible breeder	BJ
K.028	BR5	11/07/2022	10:29	Kestrel	1	mixed conifer woodland, flying, hunting	suitable nesting habitat; possible breeder	BJ
K.029	BR5	11/07/2022	11:33	Kestrel	1	exposed rock and conifer plantation, flying, perching, perching on rock then hovering over treeline	suitable nesting habitat; possible breeder	BJ
K.030	BR8	11/07/2022	14:29	Kestrel	1	exposed rock and heath, flying, hunting	suitable nesting habitat; possible breeder	BJ
K.031	BR2	15/07/2022	10:06	Kestrel	1	exposed rock, emerging from crack in rock	suitable nesting habitat; possible breeder	BJ
K.032	BR2	14/04/2023	12:33	Kestrel	1	conifer plantation and upland blanket bog, flying, hovering, flyover	flyover; non-breeding	EC
K.033	BR5	19/04/2023	09:50	Kestrel	1	conifer plantation, flying	suitable nesting habitat; possible breeder	EC
K.034	BR5	19/04/2023	12:20	Kestrel	1	improved agricultural grassland, flying, hovering	suitable nesting habitat; possible breeder	EC
K.035	BR6	05/05/2023	10:30	Kestrel	1	improved grassland, hunting	flyover; non-breeding	AM
K.036	BR6	05/05/2023	10:45	Kestrel	1	improved grassland, hunting	flyover; non-breeding	AM
K.037	BR6	05/05/2023	11:00	Kestrel	1	improved grassland, hunting	flyover; non-breeding	AM
K.038	BR7	09/05/2023	12:45	Kestrel	1	improved grassland, hunting	flyover; non-breeding	AM
K.039	BR7	09/05/2023	14:15	Kestrel	1	improved grassland, hunting	flyover; non-breeding	AM

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.041	BR8	18/07/2023	12:52	Kestrel	1	exposed rock, flying, hovering, mobbed by hooded crows	suitable nesting habitat; possible breeder	EC
K.042	BR3	21/07/2023	10:30	Kestrel	1	conifer plantation and upland blanket bog, flying	suitable nesting habitat; possible breeder	EC
K.043	BR2	21/07/2023	13:24	Kestrel	1	conifer plantation, exposed rock and upland blanket bog, flying	suitable nesting habitat; possible breeder	EC
K.044	2km Survey Radius	19/04/2024	09:12	Kestrel	1	improved agricultural grassland, hunting, male	suitable nesting habitat; possible breeder	JM
K.045	BR1	16/05/2024	13:32	Kestrel	1	improved grassland, hunting	suitable nesting habitat; possible breeder	TKS
K.046	BR7	28/05/2024	12:40	Kestrel	1	improved agricultural grassland, calling, heard begging call, not seen	suitable nesting habitat; possible breeder	TKS
K.047	BR6	17/07/2024	08:25	Kestrel	1	immature woodland and scrub, hunting	flyover; non-breeding	LB
K.048	BR6	17/07/2024	08:35	Kestrel	1	immature woodland, treelines and spoil and bare ground, hunting, probably same bird as before	suitable nesting habitat; possible breeder	LB
K.049	BR6	17/07/2024	09:02	Kestrel	1	immature woodland and scrub, hunting, went quickly behind hill	flyover; non-breeding	LB
K.050	BR6	17/07/2024	09:03	Kestrel	1	immature woodland and scrub, hunting, seen with previous bird	flyover; non-breeding	LB
K.051	BR6	17/07/2024	10:54	Kestrel	2	immature woodland and scrub, hunting	flyover; non-breeding	LB
K.054	BR1	17/07/2024	12:13	Kestrel	1	bogs, conifer plantation and scrub, hunting, dropped quickly behind hill	suitable nesting habitat; possible breeder	LB
K.055	BR1	17/07/2024	12:19	Kestrel	1	bogs and scrub, hunting	flyover; non-breeding	LB
K.056	BR1	17/07/2024	13:28	Kestrel	1	scrub, hunting	flyover; non-breeding	LB

Table 7 - 4 - 30 Kestrel incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	Wildfowl Distribution Survey; Ballynamought	09/09/2022	11:49	Kestrel	1	bogs, heath and highly modified/non-native woodland; perching, flying	BJ
K.002	Hen Harrier Roost Survey; HHVP2	05/10/2022	17:25	Kestrel	1	conifer plantation; flying	EC
K.003	Hen Harrier Roost Survey; HHVP4	11/10/2022	16:58	Kestrel	1	improved agricultural grassland; hovering	EC
K.004	Waterbird distribution and abundance Survey; VP7	12/10/2022	13:02	Kestrel	2	improved agricultural grassland and conifer plantation; flying	EC
K.005	Waterbird distribution and abundance Survey; WFP5	27/10/2022	13:57	Kestrel	1	improved agricultural grassland; flying	EC
K.006	Hen Harrier Roost Survey; HHVP8	14/11/2022	13:39	Kestrel	1	bogs and semi-natural grassland; flying, hunting	BJ
K.007	Hen Harrier Roost Survey; HHVP8	14/11/2022	14:07	Kestrel	1	bogs and semi-natural grassland; flying, hunting	BJ
K.008	Hen Harrier Roost Survey; HHVP3	21/11/2022	16:16	Kestrel	1	semi-natural grassland and heath; flying, hovering	BJ
K.009	Hen Harrier Roost Survey; HHVP5	23/11/2022	15:53	Kestrel	1	improved grassland; flying, hovering, 50 secs	BJ
K.010	Waterbird distribution and abundance Survey; Maughanaclea Hills	25/11/2022	14:18	Kestrel	1	conifer plantation and heath; flying	BJ
K.011	Hen Harrier Roost Survey; HHVP3	02/12/2022	09:35	Kestrel	1	bogs; flying, hovering, hilltop	BJ
K.012	Hen Harrier Roost Survey; HHVP5	19/12/2022	15:44	Kestrel	1	improved agricultural grassland and upland blanket bog; male hunting	JM
K.013	Hen Harrier Roost Survey; HHVP1	20/12/2022	09:28	Kestrel	1	improved agricultural grassland and linear woodland/scrub; flying, hovering	BJ
K.014	Hen Harrier Roost Survey; HHVP3	04/01/2023	15:00	Kestrel	1	recently-felled woodland; flying	BJ

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.015	Hen Harrier Roost Survey; HHVP3	04/01/2023	15:42	Kestrel	1	recently-felled woodland; flying, hunting	BJ
K.016	Hen Harrier Roost Survey; HHVP3	04/01/2023	16:57	Kestrel	1	recently-felled woodland; flying, hunting	BJ
K.017	Hen Harrier Roost Survey; HHVP2	13/01/2023	09:47	Kestrel	1	improved grassland, linear woodland/scrub and highly modified/non-native woodland; flying	BJ
K.018	Hen Harrier Roost Survey; HHVP1	17/01/2023	16:35	Kestrel	1	improved agricultural grassland and conifer plantation; flying	BJ
K.019	Hen Harrier Roost Survey; 150m south of VP4	09/02/2023	16:42	Kestrel	1	improved agricultural grassland; hunting female, female hovering and hunting	JM
K.020	Waterbird distribution and abundance Survey; VP7	24/02/2023	12:04	Kestrel	1	improved agricultural grassland; flying	EC
K.021	Hen Harrier Roost Survey; HHVP5	09/03/2023	17:12	Kestrel	1	bogs; hunting female, female hovering and hunting	JM
K.022	Hen Harrier Roost Survey; HHVP7	11/03/2023	17:20	Kestrel	1	bogs; adult flying, flying south hunting and hovering	JM
K.023	Waterbird distribution and abundance Survey; WFP2	02/11/2023	14:47	Kestrel	1	improved agricultural grassland and buildings and artificial surfaces; travelling, seen while walking back to van	LB
K.024	Hen Harrier Roost Survey; HHVP7	14/11/2023	15:26	Kestrel	1	improved agricultural grassland, hedgerows and buildings and artificial surfaces; hunting, male	LB
K.025	Hen Harrier Roost Survey; HHVP7	14/11/2023	15:43	Kestrel	1	improved agricultural grassland, hedgerows and scrub; hunting, male. probably same bird as before	LB
K.026	Hen Harrier Roost Survey; HHVP5	20/11/2023	15:41	Kestrel	1	improved agricultural grassland, upland blanket bog and conifer plantation; travelling	LB
K.027	Hen Harrier Roost Survey; At hhvp8	13/12/2023	16:50	Kestrel	1	improved grassland, bogs and conifer plantation; flying and alarm calling, flew for 84 s. then disappeared in conifer plantation	TKS
K.028	Chough Survey; CF4	09/01/2024	16:55	Kestrel	1	improved agricultural grassland, hedgerows and treelines; travelling	LB
K.029	Waterbird distribution and abundance Survey; WFP6	25/01/2024	14:13	Kestrel	1	treelines and wet grassland; hunting, male	LB
K.030	Waterbird distribution and abundance Survey; WFP2	16/04/2024	13:52	Kestrel	1	improved grassland; hunting	CR

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.031	Waterbird distribution and abundance Survey; WFP4	16/04/2024	14:52	Kestrel	1	bogs; hunting, male	CR
K.032	Breeding Walkover Survey; T11	17/04/2024	20:10	Kestrel	1	improved grassland; hunting, observed when walking back to van.	CR
K.033	Vantage Point Survey; Coomclogh	30/04/2024	20:18	Kestrel	1	bogs, improved agricultural grassland and scrub; hunting, sudden drop, didn't see it take off. behind viewshed	LB
K.034	Breeding Walkover Survey; Maughanaclea	25/07/2024	11:37	Kestrel	1	improved grassland; flying	CR
K.035	Waterbird distribution and abundance Survey; Maughanaclea	03/10/2024	14:07	Kestrel	1	improved grassland; flying	CR
K.036	Hen Harrier Roost Survey; HHVP4	15/10/2024	18:14	Kestrel	1	buildings and artificial surfaces, hedgerows and scrub; hunting	LB
K.037	Hen Harrier Roost Survey; HHVP8	23/10/2024	17:32	Kestrel	1	improved agricultural grassland and scrub; hunting, male. dropped quickly behind hill. didn't see it take off	LB
K.038	Hen Harrier Roost Survey; HHVP7	18/11/2024	16:20	Kestrel	1	improved agricultural grassland, hedgerows and scrub; hunting	LB
K.039	Hen Harrier Roost Survey; HHVP4	28/11/2024	15:53	Kestrel	1	treelines and improved agricultural grassland; travelling, flying low	LB
K.040	Vantage Point Survey; VP9	18/12/2024	10:42	Kestrel	1	improved agricultural grassland; flying	DM
K.041	Vantage Point Survey; VP5	25/01/2025	13:09	Kestrel	1	semi-natural grassland; flying, hunting, adult female. moved from vp tab. outside viewshed.	SA
K.042	Waterbird distribution and abundance Survey; Maughanaclea	28/02/2025	13:04	Kestrel	1	bogs; flying	CR
K.043	Hen Harrier Roost Survey; HHVP4	28/02/2025	18:32	Kestrel	1	improved grassland; flying, male	CR
K.044	Hen Harrier Roost Survey; HHVP5	05/03/2025	18:26	Kestrel	1	scrub, improved agricultural grassland and treelines; hunting, lost in distance	LB
K.045	Waterbird distribution and abundance Survey; WFP2	20/03/2025	14:00	Kestrel	1	bogs, improved agricultural grassland and scrub; hunting, went behind hill	LB
K.046	Hen Harrier Roost Survey; HHVP3	20/03/2025	18:13	Kestrel	1	improved agricultural grassland, scrub and heath; hunting, lost in distance	LB

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.047	Hen Harrier Roost Survey; HHVP3	20/03/2025	18:16	Kestrel	1	improved agricultural grassland, scrub and heath; hunting, same bird as before. lost in distance	LB

Meadow pipit

Table 7 - 4 - 31 Meadow pipit vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP001	VP5	27/04/2022	16:07	Meadow Pipit	2	20	20	0	0	0	improved grassland and ornamental/non-native shrub; flying	BJ
MP002	VP3	28/04/2022	16:20	Meadow Pipit	5	20	15	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP003	VP7	28/04/2022	not recorded	Meadow Pipit	8	-	-	-	-	-	not recorded; present	CC
MP004	VP7	30/04/2022	13:25	Meadow Pipit	6	-	-	-	-	-	improved agricultural grassland and dry-humid acid grassland; singing, feeding, throughout the survey	CC
MP005	VP7	04/05/2022	13:01	Meadow Pipit	2	48	15	33	0	0	wet grassland and dry-humid acid grassland; displaying	CC
MP006	VP7	04/05/2022	13:10	Meadow Pipit	3	-	-	-	-	-	dry-humid acid grassland; alarm, feeding	CC
MP007	VP7	04/05/2022	13:30	Meadow Pipit	2	-	-	-	-	-	dry-humid acid grassland; alarm, feeding	CC
MP008	VP8	04/05/2022	14:50	Meadow Pipit	4	-	-	-	-	-	improved agricultural grassland and wet grassland; singing, feeding, displaying, around vp8 throughout	CC
MP009	VP5	11/05/2022	15:43	Meadow Pipit	3	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, alarming, present throughout survey	BJ
MP010	VP8	15/05/2022	09:10	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; carrying food, beside vantage point throughout survey	CC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP011	VP7	15/05/2022	13:00	Meadow Pipit	4	-	-	-	-	-	improved agricultural grassland, dry meadows and grassy verges and wet grassland; carrying food, alarm , short, low flights	CC
MP012	VP7	01/06/2022	10:40	Meadow Pipit	15	-	-	-	-	-	improved agricultural grassland and dry-humid acid grassland; singing, displaying, carrying food, throughout the survey	CC
MP013	VP7	03/06/2022	05:25	Meadow Pipit	11	-	-	-	-	-	improved agricultural grassland and dry-humid acid grassland; singing, displaying, carrying food, lots of short low flights not mapped	CC
MP014	VP1	14/06/2022	10:50	Meadow Pipit	2	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP015	VP2	14/06/2022	13:22	Meadow Pipit	2	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP016	VP7	20/06/2022	13:56	Meadow Pipit	3	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP017	VP5	24/06/2022	13:31	Meadow Pipit	12	20	5	15	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP018	VP1	06/07/2022	13:35	Meadow Pipit	3	15	15	0	0	0	improved agricultural grassland, linear woodland/scrub and buildings and artificial surfaces; flying	BJ
MP019	VP3	12/07/2022	09:41	Meadow Pipit	3	15	15	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, perching	BJ
MP020	VP6	13/07/2022	10:01	Meadow Pipit	3	50	50	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, alarm calling	BJ
MP021	VP7	14/07/2022	05:30	Meadow Pipit	15	-	-	-	-	-	improved agricultural grassland; feeding and short flights in vicinity vp7, throughout the survey	CC
MP022	VP6	14/07/2022	08:15	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP023	VP8	14/07/2022	throughout	Meadow Pipit	10	-	-	-	-	-	improved agricultural grassland; feeding and short flights	CC
MP024	VP7	17/07/2022	08:05	Meadow Pipit	13	-	-	-	-	-	improved agricultural grassland and dry-humid acid grassland; foraging, throughout the survey	CC
MP025	VP4	19/07/2022	09:40	Meadow Pipit	14	10	10	0	0	0	improved agricultural grassland and heath; flying, displaying, present throughout survey	BJ
MP026	VP4	26/07/2022	08:15	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP027	VP3	26/07/2022	09:00	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP028	VP3	26/07/2022	09:00	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP029	VP4	26/07/2022	09:20	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP030	VP3	26/07/2022	11:45	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP031	VP3	26/07/2022	11:45	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP032	VP5	27/07/2022	08:00	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP033	VP5	27/07/2022	09:00	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP034	VP2	27/07/2022	09:00	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP035	VP2	27/07/2022	11:20	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP036	VP1	03/08/2022	11:17	Meadow Pipit	7	10	10	0	0	0	semi-natural grassland and heath; flying, perching	BJ
MP037	VP3	11/08/2022	09:46	Meadow Pipit	3	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP038	VP7	11/08/2022	10:50	Meadow Pipit	26	-	-	-	-	-	improved agricultural grassland and dry-humid acid grassland; foraging and singing around vantage point and wider area	CC
MP039	VP8	12/08/2022	06:10	Meadow Pipit	25	-	-	-	-	-	improved agricultural grassland; foraging around vantage point and wider area, throughout	CC
MP040	VP8	12/08/2022	09:40	Meadow Pipit	22	-	-	-	-	-	improved agricultural grassland; feeding, around vantage point and wider area, throughout survey	CC
MP041	VP5	16/08/2022	15:19	Meadow Pipit	2	60	60	0	0	0	semi-natural grassland and linear woodland/scrub; flying, alarming	BJ
MP042	VP7	17/08/2022	11:00	Meadow Pipit	10	-	-	-	-	-	improved agricultural grassland; foraging, throughout	CC
MP043	VP4	17/08/2022	11:15	Meadow Pipit	10	40	40	0	0	0	semi-natural grassland and heath; flying	BJ
MP044	VP2	23/08/2022	14:23	Meadow Pipit	2	30	30	0	0	0	improved agricultural grassland; flying	BJ
MP045	VP3	24/08/2022	10:53	Meadow Pipit	4	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP046	VP1	02/09/2022	11:07	Meadow Pipit	5	20	20	0	0	0	improved agricultural grassland, linear woodland/scrub and dry-humid acid grassland; flying, calling, present throughout survey	BJ
MP047	VP8	02/09/2022	12:40	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; foraging, throughout	CC
MP048	VP1	07/09/2022	20:51	Meadow Pipit	4	10	10	0	0	0	semi-natural grassland and linear woodland/scrub; flying	BJ
MP049	VP3	15/09/2022	16:59	Meadow Pipit	4	7	7	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP050	VP6	16/09/2022	09:25	Meadow Pipit	10	35	30	5	0	0	improved agricultural grassland; flying, mobbing kestrel	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP051	VP4	20/09/2022	12:54	Meadow Pipit	5	10	10	0	0	0	semi-natural grassland, improved agricultural grassland and mixed conifer woodland; flying	BJ
MP052	VP4	20/09/2022	19:12	Meadow Pipit	16	20	20	0	0	0	improved agricultural grassland and mixed conifer woodland; flying	BJ
MP053	VP5	21/09/2022	18:47	Meadow Pipit	2	35	35	0	0	0	improved agricultural grassland, heath and dry-humid acid grassland; flying, calling	BJ
MP054	VP2	28/09/2022	09:33	Meadow Pipit	5	30	30	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, perching	BJ
MP055	VP6	28/09/2022	18:11	Meadow Pipit	7	20	20	0	0	0	improved agricultural grassland, linear woodland/scrub and heath; flying	BJ
MP056	VP1	05/10/2022	08:20	Meadow Pipit	1	10	10	0	0	0	semi-natural grassland and linear woodland/scrub; flying, alarming	BJ
MP057	VP8	06/10/2022	08:02	Meadow Pipit	5	10	10	0	0	0	improved grassland; flying	BJ
MP058	VP4	10/10/2022	13:00	Meadow Pipit	5	20	20	0	0	0	improved grassland; flying, alarming, present throughout survey	BJ
MP059	VP6	11/10/2022	15:46	Meadow Pipit	4	15	10	0	0	0	bogs and semi-natural grassland; flying	BJ
MP060	VP7	13/10/2022	12:40	Meadow Pipit	6	15	0	15	0	0	semi-natural grassland; flying, calling	BJ
MP061	VP5	14/10/2022	08:31	Meadow Pipit	11	10	10	0	0	0	linear woodland/scrub and improved grassland; perching, flying, alarming	BJ
MP062	VP3	20/10/2022	12:58	Meadow Pipit	19	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP063	VP3	04/11/2022	17:01	Meadow Pipit	30	15	15	0	0	0	improved agricultural grassland and linear woodland/scrub; flying	BJ
MP064	VP5	08/11/2022	14:05	Meadow Pipit	5	10	10	0	0	0	improved agricultural grassland; flying	BJ
MP065	VP4	17/11/2022	15:44	Meadow Pipit	14	20	20	0	0	0	improved agricultural grassland; flying, alarming	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP066	VP8	22/11/2022	15:50	Meadow Pipit	1	10	10	0	0	0	improved agricultural grassland; flying, calling	BJ
MP067	VP5	01/12/2022	10:03	Meadow Pipit	3	20	5	15	0	0	improved grassland and highly modified/non-native woodland; flying	BJ
MP068	VP3	06/12/2022	07:25	Meadow Pipit	1	-	-	-	-	-	not recorded; present	EC
MP069	VP3	06/12/2022	07:25	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP070	VP3	06/12/2022	07:25	Meadow Pipit	1	-	-	-	-	-	not recorded; flitting	EC
MP071	VP3	06/12/2022	09:18	Meadow Pipit	5	60	60	0	0	0	improved agricultural grassland; flying	EC
MP072	VP1	07/12/2022	08:46	Meadow Pipit	7	180	180	0	0	0	improved agricultural grassland; flying, calling, abundant on site 30+	EC
MP073	VP6	07/12/2022	11:05	Meadow Pipit	3	10	10	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, alarming	BJ
MP074	VP2	08/12/2022	09:10	Meadow Pipit	5	60	60	0	0	0	improved agricultural grassland; flying	EC
MP075	VP2	08/12/2022	10:29	Meadow Pipit	7	60	60	0	0	0	improved agricultural grassland; flying, calling, abundant on site 30+	EC
MP076	VP4	13/12/2022	13:10	Meadow Pipit	7	180	180	0	0	0	improved agricultural grassland; flying	EC
MP077	VP7	19/12/2022	12:34	Meadow Pipit	4	10	10	0	0	0	semi-natural grassland; flying	BJ
MP078	VP5	05/01/2023	13:29	Meadow Pipit	5	120	120	0	0	0	improved agricultural grassland; flying, calling, the location is at vp6; abundant on site 25+	EC
MP079	VP1	12/01/2023	12:22	Meadow Pipit	5	180	180	0	0	0	improved agricultural grassland; flying	EC
MP080	VP1	12/01/2023	15:06	Meadow Pipit	7	180	180	0	0	0	improved agricultural grassland; flying, abundant on site 25+	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP081	VP4	18/01/2023	14:51	Meadow Pipit	10	180	180	0	0	0	improved agricultural grassland; flying, calling, around sheep feeding station	EC
MP082	VP3	07/03/2023	13:23	Meadow Pipit	7	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
MP083	VP5	14/03/2023	15:03	Meadow Pipit	5	120	120	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling, singing	EC
MP084	VP1	15/03/2023	15:09	Meadow Pipit	5	300	300	0	0	0	improved agricultural grassland; flying, feeding on ground, landing on trees	EC
MP085	VP2	23/03/2023	14:07	Meadow Pipit	5	120	128	0	0	0	improved agricultural grassland; flying, calling	EC
MP086	VP4	27/03/2023	17:57	Meadow Pipit	7	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
MP087	VP7	28/03/2023	16:32	Meadow Pipit	5	240	240	0	0	0	upland blanket bog; flying, calling	EC
MP088	VP7	28/03/2023	17:31	Meadow Pipit	3	60	60	0	0	0	upland blanket bog; flying	EC
MP089	VP7	28/03/2023	19:23	Meadow Pipit	2	120	120	0	0	0	upland blanket bog; flying	EC
MP090	VP8	29/03/2023	15:24	Meadow Pipit	5	128	120	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP091	VP7	04/04/2023	12:23	Meadow Pipit	2	95	0	95	0	0	upland blanket bog; displaying near vantage point, pair	JM
MP092	VP5	06/04/2023	09:12	Meadow Pipit	4	95	0	95	0	0	upland blanket bog; calling, in pairs	JM
MP093	VP5	06/04/2023	14:20	Meadow Pipit	3	114	0	114	0	0	upland blanket bog; displaying near vantage point, adults	JM
MP094	VP2	12/04/2023	08:41	Meadow Pipit	4	168	168	0	0	0	upland blanket bog; near vantage point, 2 pairs	JM
MP095	VP2	12/04/2023	14:06	Meadow Pipit	5	210	210	0	0	0	upland blanket bog; calling, singing, adults around vantage point	JM

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP096	VP1	18/04/2023	09:41	Meadow Pipit	4	60	60	0	0	0	improved agricultural grassland; flying, calling, landed in field, near field with cattle	EC
MP097	VP6	11/05/2023	17:04	Meadow Pipit	3	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
MP098	VP6	11/05/2023	19:38	Meadow Pipit	3	60	60	0	0	0	improved agricultural grassland; flying, singing	EC
MP099	VP6	11/05/2023	21:01	Meadow Pipit	4	30	15	15	0	0	upland blanket bog; mobbing hovering kestrel	EC
MP100	VP7	16/05/2023	16:54	Meadow Pipit	2	600	300	300	0	0	upland blanket bog; flying, singing, on ground	EC
MP101	VP7	16/05/2023	20:55	Meadow Pipit	2	1200	1200	0	0	0	upland blanket bog and improved agricultural grassland; flying, singing, calling, on the ground	EC
MP102	VP4	23/05/2023	16:20	Meadow Pipit	2	5	0	5	0	0	improved agricultural grassland; displaying	CMC
MP103	VP8	23/05/2023	18:59	Meadow Pipit	2	300	300	0	0	0	improved agricultural grassland; flying, singing	EC
MP104	VP2	25/05/2023	17:17	Meadow Pipit	1	10	10	0	0	0	improved agricultural grassland; displaying	CMC
MP105	VP4	01/06/2023	09:57	Meadow Pipit	6	600	600	0	0	0	improved agricultural grassland; flying, singing	EC
MP106	VP4	01/06/2023	14:09	Meadow Pipit	3	300	300	0	0	0	improved agricultural grassland; flying, singing	EC
MP107	VP7	02/06/2023	09:06	Meadow Pipit	4	1200	1200	0	0	0	upland blanket bog; flying, singing, constant presence	EC
MP108	VP2	07/06/2023	09:06	Meadow Pipit	2	600	600	0	0	0	improved agricultural grassland; flying, calling	EC
MP109	VP8	08/06/2023	09:03	Meadow Pipit	3	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
MP110	VP8	08/06/2023	11:59	Meadow Pipit	3	300	300	0	0	0	improved agricultural grassland; flying, calling, landed on the ground, track	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP111	VP1	13/06/2023	09:27	Meadow Pipit	3	600	608	0	0	0	improved agricultural grassland; flying, singing	EC
MP112	VP1	13/06/2023	12:51	Meadow Pipit	2	600	600	0	0	0	improved agricultural grassland; flying, singing	EC
MP113	VP6	21/06/2023	08:53	Meadow Pipit	2	600	600	0	0	0	improved agricultural grassland and upland blanket bog; flying, singing	EC
MP114	VP6	21/06/2023	13:22	Meadow Pipit	3	300	300	0	0	0	improved agricultural grassland and upland blanket bog; flying, singing	EC
MP115	VP5	27/06/2023	11:45	Meadow Pipit	1	60	60	0	0	0	upland blanket bog; flying, singing	EC
MP116	VP8	04/07/2023	08:55	Meadow Pipit	3	60	60	0	0	0	improved agricultural grassland; flying, calling, singing	EC
MP117	VP8	04/07/2023	10:31	Meadow Pipit	12	600	600	0	0	0	improved agricultural grassland; flying, calling, walking on ground	EC
MP118	VP2	05/07/2023	08:15	Meadow Pipit	5	600	600	0	0	0	improved agricultural grassland; flying, calling	EC
MP119	VP2	05/07/2023	08:44	Meadow Pipit	4	600	600	0	0	0	improved agricultural grassland; flying, singing, landing on fence posts	EC
MP120	VP2	05/07/2023	08:46	Meadow Pipit	2	120	0	120	0	0	improved agricultural grassland; flying	EC
MP121	VP2	05/07/2023	14:00	Meadow Pipit	3	300	300	0	0	0	upland blanket bog; flying	EC
MP122	VP3	06/07/2023	13:39	Meadow Pipit	3	30	30	0	0	0	improved agricultural grassland; flying	EC
MP123	VP6	07/07/2023	08:36	Meadow Pipit	4	600	600	0	0	0	improved agricultural grassland; flying, calling	EC
MP124	VP5	13/07/2023	12:01	Meadow Pipit	3	60	60	0	0	0	upland blanket bog; flying	EC
MP125	VP1	14/07/2023	10:18	Meadow Pipit	2	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP126	VP1	14/07/2023	12:54	Meadow Pipit	5	600	600	0	0	0	improved agricultural grassland; flying, calling, walking on the ground	EC
MP127	VP4	01/08/2023	08:33	Meadow Pipit	5	300	300	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP128	VP4	01/08/2023	10:32	Meadow Pipit	20	120	128	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP129	VP4	01/08/2023	13:42	Meadow Pipit	12	60	60	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP130	VP3	03/08/2023	09:03	Meadow Pipit	7	120	120	0	8	0	improved agricultural grassland; flying, calling	EC
MP131	VP8	09/08/2023	11:21	Meadow Pipit	15	300	300	0	0	0	improved agricultural grassland; flying, calling	EC
MP132	VP8	09/08/2023	11:23	Meadow Pipit	20	300	300	0	0	0	improved agricultural grassland; mobbing buzzard	EC
MP133	VP2	10/08/2023	08:25	Meadow Pipit	5	180	180	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP134	VP2	10/08/2023	13:13	Meadow Pipit	7	300	300	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP135	VP7	11/08/2023	08:10	Meadow Pipit	4	120	128	0	0	0	upland blanket bog; flying, calling	EC
MP136	VP4	15/08/2023	08:41	Meadow Pipit	5	180	180	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP137	VP4	15/08/2023	11:39	Meadow Pipit	20	120	128	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP138	VP2	05/09/2023	08:24	Meadow Pipit	5	60	60	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP139	VP2	05/09/2023	10:43	Meadow Pipit	3	60	60	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP140	VP4	07/09/2023	08:02	Meadow Pipit	10	60	60	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP141	VP4	07/09/2023	10:57	Meadow Pipit	7	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP142	VP7	13/09/2023	08:14	Meadow Pipit	5	60	60	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP143	VP6	20/09/2023	07:47	Meadow Pipit	11	300	300	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP144	VP6	20/09/2023	10:24	Meadow Pipit	5	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP145	VP8	21/09/2023	08:53	Meadow Pipit	7	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
MP146	VP8	21/09/2023	11:46	Meadow Pipit	5	300	300	0	0	0	improved agricultural grassland; flying, calling	EC
MP147	VP1	22/09/2023	10:29	Meadow Pipit	5	180	180	0	0	0	improved agricultural grassland; flying, calling	EC
MP148	VP3	26/09/2023	10:30	Meadow Pipit	5	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
MP149	VP5	26/10/2023	13:10	Meadow Pipit	2	10	10	0	0	0	improved grassland; flying	AR
MP150	VP5	26/10/2023	13:26	Meadow Pipit	9	20	20	0	0	0	improved grassland and hedgerows; flying	AR
MP151	VP5	26/10/2023	14:58	Meadow Pipit	4	20	20	0	0	0	improved grassland and hedgerows; flying	AR
MP152	VP7	27/10/2023	13:38	Meadow Pipit	2	40	0	40	0	0	not recorded; flying	AR
MP153	VP7	27/10/2023	14:38	Meadow Pipit	4	10	10	0	0	0	improved grassland; flying, landing	AR
MP154	VP7	27/10/2023	17:13	Meadow Pipit	5	30	30	0	0	0	not recorded; flying	AR
MP155	VP7	27/10/2023	17:30	Meadow Pipit	33	10	10	0	0	0	improved grassland and hedgerows; flying	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP156	VP2	28/10/2023	17:17	Meadow Pipit	4	30	10	20	0	0	improved grassland; flying	AR
MP157	VP8	29/10/2023	12:32	Meadow Pipit	8	30	30	0	0	0	improved grassland; flying	AR
MP158	VP8	29/10/2023	12:46	Meadow Pipit	2	20	20	0	0	0	improved grassland; flying	AR
MP159	VP8	29/10/2023	14:07	Meadow Pipit	3	10	10	0	0	0	bogs; flying	AR
MP160	VP8	29/10/2023	16:07	Meadow Pipit	2	5	5	0	0	0	bogs; flying	AR
MP161	VP8	29/10/2023	17:13	Meadow Pipit	10	40	40	0	0	0	bogs; flying	AR
MP162	VP8	29/10/2023	17:22	Meadow Pipit	36	10	10	0	0	0	bogs; flying, landing	AR
MP163	VP4	30/10/2023	11:41	Meadow Pipit	3	10	10	0	0	0	bogs; flying	AR
MP164	VP4	30/10/2023	11:56	Meadow Pipit	2	10	10	0	0	0	bogs; flying	AR
MP165	VP4	30/10/2023	12:33	Meadow Pipit	6	10	10	0	0	0	improved grassland; flying, landing	AR
MP166	VP4	30/10/2023	13:24	Meadow Pipit	16	10	10	0	0	0	bogs; flying, landing	AR
MP167	VP4	30/10/2023	14:21	Meadow Pipit	4	5	5	0	0	0	improved grassland; flying	AR
MP168	VP4	30/10/2023	15:57	Meadow Pipit	10	5	5	0	0	0	bogs; flying	AR
MP169	VP3	31/10/2023	13:28	Meadow Pipit	2	10	10	0	0	0	bogs; flying	AR
MP170	VP3	31/10/2023	15:17	Meadow Pipit	6	10	10	0	0	0	bogs; flying	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP171	VP3	31/10/2023	16:11	Meadow Pipit	7	5	5	0	0	0	conifer plantation; flying	AR
MP172	VP3	31/10/2023	16:36	Meadow Pipit	3	5	5	0	0	0	improved grassland; flying, landing	AR
MP173	VP7	01/11/2023	08:29	Meadow Pipit	3	60	60	8	0	0	upland blanket bog; flying	EC
MP174	VP8	02/11/2023	08:37	Meadow Pipit	5	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
MP175	VP3	03/11/2023	08:00	Meadow Pipit	3	15	15	0	0	0	improved grassland; flying, calling	TKS
MP176	VP3	03/11/2023	08:32	Meadow Pipit	3	-	-	-	-	-	improved grassland; perched	TKS
MP177	VP3	03/11/2023	11:14	Meadow Pipit	1	10	10	0	0	0	improved grassland; flying, calling	TKS
MP178	VP2	08/11/2023	07:15	Meadow Pipit	1	5	5	0	0	0	improved agricultural grassland and wet grassland; flying, calling	TKS
MP179	VP2	08/11/2023	07:50	Meadow Pipit	2	10	10	0	0	0	improved agricultural grassland and wet grassland; flying, calling	TKS
MP180	VP2	08/11/2023	09:02	Meadow Pipit	1	-	-	-	-	-	improved grassland; calling	TKS
MP181	VP2	08/11/2023	09:31	Meadow Pipit	2	5	5	0	0	0	improved agricultural grassland and wet grassland; flying, calling	TKS
MP182	VP2	08/11/2023	11:08	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; calling, not seen	TKS
MP183	VP2	08/11/2023	11:10	Meadow Pipit	2	10	10	0	0	0	improved grassland; flying, calling	TKS
MP184	VP2	08/11/2023	11:17	Meadow Pipit	6	-	-	-	-	-	improved grassland; perched then flew	TKS
MP185	VP2	08/11/2023	11:40	Meadow Pipit	2	15	15	0	0	0	improved grassland; flying, calling	TKS

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP186	VP4	10/11/2023	10:03	Meadow Pipit	1	-	-	-	-	-	improved grassland and wet grassland; perched on electric cable	TKS
MP187	VP7	21/12/2023	11:21	Meadow Pipit	6	10	10	0	0	0	improved grassland and hedgerows; flying	AR
MP188	VP4	22/12/2023	12:16	Meadow Pipit	2	5	5	0	0	0	bogs; flying	AR
MP189	VP4	22/12/2023	13:11	Meadow Pipit	4	5	5	0	0	0	bogs and improved grassland; flying, landed	AR
MP190	VP4	22/12/2023	15:00	Meadow Pipit	2	10	10	0	0	0	improved grassland; flying	AR
MP191	VP3	27/12/2023	11:19	Meadow Pipit	6	20	20	0	0	0	bogs; flying	AR
MP192	VP3	27/12/2023	11:46	Meadow Pipit	3	10	10	0	0	0	bogs; flying	AR
MP193	VP2	28/12/2023	12:22	Meadow Pipit	7	10	10	0	0	0	improved grassland; flying, landed	AR
MP194	VP8	30/12/2023	11:03	Meadow Pipit	6	5	5	0	0	0	improved grassland and hedgerows; flying, landed	AR
MP195	VP8	30/12/2023	15:16	Meadow Pipit	4	5	5	0	0	0	improved grassland; flying	AR
MP196	VP8	30/12/2023	16:03	Meadow Pipit	14	15	0	15	0	0	bogs; flying	AR
MP197	VP4	24/01/2024	08:39	Meadow Pipit	14	10	10	0	0	0	improved grassland; flying, landed	AR
MP198	VP4	24/01/2024	09:10	Meadow Pipit	10	15	15	0	0	0	improved grassland; flying	AR
MP199	VP4	24/01/2024	11:31	Meadow Pipit	6	10	10	0	0	0	upland blanket bog; flying	AR
MP200	VP5	26/01/2024	11:01	Meadow Pipit	3	10	0	10	0	0	improved grassland and conifer plantation; flying	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP201	VP7	27/01/2024	10:07	Meadow Pipit	5	5	5	0	0	0	improved grassland; flying	AR
MP202	VP7	27/01/2024	10:25	Meadow Pipit	3	5	5	0	0	0	improved grassland; flying	AR
MP203	VP8	29/01/2024	11:09	Meadow Pipit	3	10	10	0	0	0	improved grassland; flying	AR
MP204	VP2	30/01/2024	12:32	Meadow Pipit	3	30	0	30	0	0	improved grassland and hedgerows; flying	AR
MP205	VP3	31/01/2024	08:37	Meadow Pipit	6	10	10	0	0	0	improved grassland; flying	AR
MP206	VP3	31/01/2024	09:16	Meadow Pipit	2	5	5	0	0	0	bogs; flying, landed	AR
MP207	VP3	31/01/2024	11:42	Meadow Pipit	4	10	10	0	0	0	improved grassland; flying, landed	AR
MP208	VP3	31/01/2024	11:51	Meadow Pipit	1	5	5	0	0	0	bogs; flying	AR
MP209	VP2	13/02/2024	15:11	Meadow Pipit	1	5	5	0	0	0	improved grassland; calling, not seen	TKS
MP210	VP7	26/02/2024	13:25	Meadow Pipit	1	10	10	0	0	0	bogs and conifer plantation; flying, calling	TKS
MP211	VP7	26/02/2024	15:40	Meadow Pipit	1	-	-	-	-	-	bogs; calling, heard, not seen	TKS
MP212	VP7	26/02/2024	17:00	Meadow Pipit	3	5	5	0	0	0	bogs; flying, calling	TKS
MP213	VP8	27/02/2024	12:50	Meadow Pipit	3	5	5	0	0	0	improved grassland; flying, calling	TKS
MP214	VP8	27/02/2024	13:22	Meadow Pipit	1	-	-	-	-	-	improved grassland; perched	TKS
MP215	VP7	18/03/2024	05:45-12:15	Meadow Pipit	10	-	-	-	-	-	improved grassland and hedgerows; flying, displaying, birds around vantage point during the watch	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP216	VP2	21/03/2024	07:16	Meadow Pipit	2	10	10	0	0	0	improved grassland; flying	AR
MP217	VP2	21/03/2024	10:32	Meadow Pipit	40	40	40	0	0	0	improved grassland and hedgerows; flying, landed	AR
MP218	VP8	23/03/2024	07:29	Meadow Pipit	3	10	10	0	0	0	improved grassland and hedgerows; flying	AR
MP219	VP8	23/03/2024	07:48	Meadow Pipit	23	20	20	0	0	0	improved grassland and hedgerows; flying, landed	AR
MP220	VP8	23/03/2024	09:12	Meadow Pipit	14	20	0	20	0	0	improved grassland and hedgerows; flying, flying south	AR
MP221	VP3	26/03/2024	09:43	Meadow Pipit	7	10	10	0	0	0	improved grassland and hedgerows; flying, landed	AR
MP222	VP3	26/03/2024	05:15-11:45	Meadow Pipit	4	-	-	-	-	-	bogs; displaying, flying, at least 37 sightings during watch.	AR
MP223	VP4	28/03/2024	05:15-11:45	Meadow Pipit	7	-	-	-	-	-	improved grassland and bogs; displaying, flying	AR
MP224	VP2	22/04/2024	17:08	Meadow Pipit	2	330	135	195	0	0	scrub; calling near vantage point, adults	JM
MP225	VP4	24/04/2024	15:57	Meadow Pipit	3	145	145	0	0	0	improved agricultural grassland; flying near vantage point, adults	JM
MP226	VP7	26/04/2024	16:55	Meadow Pipit	2	110	110	0	0	0	improved agricultural grassland; pair displaying, adults	JM
MP227	VP8	27/04/2024	20:11	Meadow Pipit	3	111	56	55	0	0	scrub; near vantage point calling and flying about, adults	JM
MP228	VP9	30/04/2024	21:55	Meadow Pipit	3	-	-	-	-	-	improved agricultural grassland; flying, making contact calls, maximum flock recorded during survey	LB
MP229	VP5	15/05/2024	11:08	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; displaying	LB
MP230	VP8	20/05/2024	11:10	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; foraging	LB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP231	VP7	22/05/2024	11:11	Meadow Pipit	3	-	-	-	-	-	wet grassland and scrub; carrying food, calling, maximum flock recorded during survey	LB
MP232	VP9	28/05/2024	11:00	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; foraging	LB
MP233	VP2	10/06/2024	10:55	Meadow Pipit	3	20	20	0	0	0	wet heath; feeding, appearing few times throughout the survey flying mostly in the band 1	TS
MP234	VP5	13/06/2024	15:00	Meadow Pipit	2	15	10	5	0	0	wet heath; displaying, perching, displaying repeatedly, flying, and perching close to the vantage point	TS
MP235	VP7	16/06/2024	10:35	Meadow Pipit	6	25	15	5	5	0	wet heath; displaying, perching, displaying repeatedly, flying, and perching close to the vantage point	TS
MP236	VP9	17/06/2024	10:30	Meadow Pipit	3	20	10	5	5	0	wet heath; displaying, perching, displaying repeatedly, flying, and perching close to the vantage point	TS
MP237	VP4	20/06/2024	11:05	Meadow Pipit	7	20	10	5	5	0	wet heath; displaying, throughout the viewshed	TS
MP238	VP4	09/07/2024	14:43	Meadow Pipit	7	-	-	-	-	-	improved agricultural grassland; flying, making contact calls, maximum flock recorded during survey	LB
MP239	VP7	23/07/2024	15:24	Meadow Pipit	5	-	-	-	-	-	bogs; flying, calling	CR
MP240	VP7	23/07/2024	16:51	Meadow Pipit	2	-	-	-	-	-	cutover bog; flying, calling	CR
MP241	VP7	23/07/2024	19:43	Meadow Pipit	7	-	-	-	-	-	bogs; flying, calling	CR
MP242	VP2	24/07/2024	13:44	Meadow Pipit	1	30	30	0	0	0	improved agricultural grassland; flying	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP243	VP8	01/08/2024	11:09	Meadow Pipit	3	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
MP244	VP5	02/08/2024	14:25	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; perched on electric wire	LB
MP245	VP3	15/08/2024	10:10	Meadow Pipit	2	60	60	0	0	0	improved agricultural grassland; flying, calling	EC
MP246	VP4	22/08/2024	09:27	Meadow Pipit	3	60	60	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP247	VP4	22/08/2024	13:18	Meadow Pipit	7	1800	1800	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling, associating with linnet and goldfinch flock	EC
MP248	VP7	04/09/2024	12:25	Meadow Pipit	6	-	-	-	-	-	wet grassland and scrub; flying, making contact calls, maximum flock recorded during survey	LB
MP249	VP5	11/09/2024	12:23	Meadow Pipit	3	-	-	-	-	-	improved agricultural grassland; flying, maximum flock recorded during survey	LB
MP250	VP3	18/09/2024	10:15	Meadow Pipit	2	120	120	0	0	0	upland blanket bog; flying, calling	EC
MP251	VP4	19/09/2024	07:57	Meadow Pipit	5	300	300	0	0	0	improved agricultural grassland; flying, calling	EC
MP252	VP4	19/09/2024	12:09	Meadow Pipit	3	180	180	0	0	0	improved agricultural grassland; flying, calling	EC
MP253	VP2	26/09/2024	08:21	Meadow Pipit	3	120	120	0	0	0	improved agricultural grassland and conifer plantation; flying	EC
MP254	VP9	02/10/2024	20:01	Meadow Pipit	4	-	-	-	-	-	scrub and improved agricultural grassland; flying, maximum flock recorded during survey	LB
MP255	VP3	08/10/2024	14:32	Meadow Pipit	6	-	-	-	-	-	improved grassland; flying, calling	CR
MP256	VP3	08/10/2024	14:58	Meadow Pipit	13	-	-	-	-	-	improved grassland; flying, calling	CR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP257	VP4	16/10/2024	13:53	Meadow Pipit	3	300	300	9	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP258	VP4	16/10/2024	17:11	Meadow Pipit	3	180	180	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP259	VP7	21/10/2024	19:13	Meadow Pipit	5	-	-	-	-	-	wet grassland and scrub; flying, maximum flock recorded during survey	LB
MP260	VP3	08/11/2024	09:26	Meadow Pipit	5	120	120	0	0	0	improved agricultural grassland; flying, calling	EC
MP261	VP3	08/11/2024	10:53	Meadow Pipit	3	30	30	0	0	0	improved agricultural grassland; flying, calling	EC
MP262	VP8	13/11/2024	13:38	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; foraging	LB
MP263	VP4	14/11/2024	08:18	Meadow Pipit	5	300	300	0	0	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP264	VP4	14/11/2024	12:03	Meadow Pipit	3	180	180	0	0	0	improved agricultural grassland; flying, calling	EC
MP265	VP7	14/11/2024	13:37	Meadow Pipit	4	-	-	-	-	-	wet grassland; flying, making contact calls, maximum flock recorded during survey	LB
MP266	VP7	26/11/2024	12:02	Meadow Pipit	1	10	10	0	0	0	wet grassland; parachuting	DM
MP267	VP7	26/11/2024	12:56	Meadow Pipit	1	-	-	-	-	-	wet grassland; calling	DM
MP268	VP8	27/11/2024	12:22	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; calling	DM
MP269	VP8	27/11/2024	12:24	Meadow Pipit	6	10	10	0	0	0	improved agricultural grassland; flying, calling	DM
MP270	VP5	03/12/2024	11:03	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; calling	DM
MP271	VP5	03/12/2024	11:12	Meadow Pipit	2	15	0	15	0	0	improved agricultural grassland and mixed broadleaved woodland; flying	DM

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP272	VP5	03/12/2024	11:19	Meadow Pipit	4	20	0	20	0	0	improved agricultural grassland; flying, calling	DM
MP273	VP5	03/12/2024	13:15	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; calling	DM
MP274	VP3	11/12/2024	12:00	Meadow Pipit	2	-	-	-	-	-	improved grassland; flying, calling	CR
MP275	VP3	11/12/2024	13:27	Meadow Pipit	14	-	-	-	-	-	improved grassland; flying, calling	CR
MP276	VP2	17/12/2024	11:43	Meadow Pipit	2	20	20	0	0	0	improved agricultural grassland; flying, calling	DM
MP277	VP2	17/12/2024	16:21	Meadow Pipit	5	30	0	30	0	0	improved agricultural grassland and wet grassland; flying	DM
MP278	VP9	18/12/2024	11:38	Meadow Pipit	1	-	-	-	-	-	improved agricultural grassland; calling	DM
MP279	VP4	19/12/2024	11:53	Meadow Pipit	2	-	-	-	-	-	wet grassland; calling	DM
MP280	VP4	19/12/2024	12:11	Meadow Pipit	1	10	10	0	0	0	wet grassland; flying	DM
MP281	VP4	19/12/2024	12:53	Meadow Pipit	1	10	10	0	0	0	wet grassland; flying, circling, calling	DM
MP282	VP4	19/12/2024	13:06	Meadow Pipit	1	20	0	20	0	0	wet grassland; flying	DM
MP283	VP4	19/12/2024	13:45	Meadow Pipit	4	20	20	0	0	0	wet grassland; flying, landing	DM
MP284	VP4	19/12/2024	14:57	Meadow Pipit	1	20	20	0	0	0	wet grassland; flying	DM
MP285	VP5	25/01/2025	09:43	Meadow Pipit	2	5	5	0	0	0	semi-natural grassland; flying, calling	SA
MP286	VP9	25/01/2025	not recorded	Meadow Pipit	4	-	-	-	-	-	improved agricultural grassland and heath; foraging	TKY

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP287	VP2	27/01/2025	09:05	Meadow Pipit	2	7	7	0	0	0	semi-natural grassland and bogs; flying, calling	SA
MP288	VP3	28/01/2025	12:24	Meadow Pipit	1	5	5	0	0	0	semi-natural grassland; flying	SA
MP289	VP3	28/01/2025	12:47	Meadow Pipit	1	30	30	0	0	0	semi-natural grassland; flying, calling	SA
MP290	VP4	30/01/2025	09:10	Meadow Pipit	6	15	15	0	0	0	wet grassland; flying, calling	SA
MP291	VP8	04/02/2025	18:29	Meadow Pipit	16	-	-	-	-	-	improved agricultural grassland; foraging, flitting, maximum flock recorded during survey	LB
MP292	VP2	06/02/2025	17:12	Meadow Pipit	3	60	60	0	0	0	improved agricultural grassland and bogs; flying	EC
MP293	VP5	20/02/2025	14:10	Meadow Pipit	4	-	-	-	-	-	improved grassland; flying, calling	CR
MP294	VP5	20/02/2025	16:30	Meadow Pipit	6	-	-	-	-	-	improved grassland; flying, calling	CR
MP295	VP7	27/02/2025	13:31	Meadow Pipit	1	-	-	-	-	-	bogs; flying, calling	CR
MP296	VP7	27/02/2025	14:52	Meadow Pipit	2	-	-	-	-	-	bogs; flying, calling	CR
MP297	VP7	27/02/2025	16:30	Meadow Pipit	1	-	-	-	-	-	bogs; flying, calling	CR
MP298	VP7	27/02/2025	17:58	Meadow Pipit	8	-	-	-	-	-	bogs; flying, calling	CR
MP299	VP9	07/03/2025	06:00-12:30	Meadow Pipit	21	-	-	-	-	-	bogs, improved grassland and conifer plantation; flying, feeding	AR
MP300	VP4	10/03/2025	13:44	Meadow Pipit	1	-	-	-	-	-	bogs; flying, calling	CR
MP301	VP4	10/03/2025	14:58	Meadow Pipit	2	-	-	-	-	-	bogs; flying, calling	CR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP302	VP4	10/03/2025	18:07	Meadow Pipit	4	-	-	-	-	-	bogs; flying, calling	CR
MP303	VP8	10/03/2025	06:00-12:30	Meadow Pipit	21	-	-	-	-	-	improved grassland and bogs; flying, landed, displaying, 21 sightings in view shed	AR
MP304	VP7	15/03/2025	not recorded	Meadow Pipit	5	-	-	-	-	-	heath; foraging, maximum of 5 meadow pipits seen at various times during survey	TKY
MP305	VP2	22/03/2025	09:15	Meadow Pipit	3	12	12	0	0	0	bogs and semi-natural grassland; ground, perched	SA

Table 7 - 4 - 32 Meadow pipit winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	13/10/2022	08:30	Meadow Pipit	1	bogs; present (wintering)	EC
MP002	13/10/2022	13:56	Meadow Pipit	7	improved agricultural grassland; flying (wintering)	EC
MP003	13/10/2022	13:58	Meadow Pipit	10	improved agricultural grassland; flying (wintering)	EC
MP004	13/10/2022	13:59	Meadow Pipit	5	improved agricultural grassland; flying (wintering)	EC
MP005	13/10/2022	14:00	Meadow Pipit	2	improved agricultural grassland; flying (wintering)	EC
MP006	20/10/2022	08:45	Meadow Pipit	1	bogs; present, abundant on site (100+) (wintering)	EC
MP007	20/10/2022	08:45	Meadow Pipit	1	bogs; present, abundant on site (100+) (wintering)	EC
MP008	20/10/2022	11:24	Meadow Pipit	10	improved agricultural grassland; flying (wintering)	EC
MP009	20/10/2022	11:25	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP010	20/10/2022	13:23	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC
MP011	20/10/2022	13:23	Meadow Pipit	5	upland blanket bog; flying (wintering)	EC
MP012	21/10/2022	08:50	Meadow Pipit	1	bogs; present, abundant on site (100+) (wintering)	EC
MP013	21/10/2022	08:50	Meadow Pipit	1	bogs; present (wintering)	EC
MP014	21/10/2022	11:24	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC
MP015	21/10/2022	11:29	Meadow Pipit	20	improved agricultural grassland; flying (wintering)	EC
MP016	21/10/2022	12:27	Meadow Pipit	5	upland blanket bog; flying (wintering)	EC
MP017	25/10/2022	09:00	Meadow Pipit	1	bogs; present, abundant (100+) (wintering)	EC
MP018	25/10/2022	11:18	Meadow Pipit	5	upland blanket bog; flying (wintering)	EC
MP019	25/10/2022	11:19	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC
MP020	25/10/2022	11:22	Meadow Pipit	10	improved agricultural grassland; feeding, in muddy field with cattle (wintering)	EC
MP021	25/10/2022	13:37	Meadow Pipit	30	improved agricultural grassland; flying (wintering)	EC
MP022	25/10/2022	13:47	Meadow Pipit	5	conifer plantation; flying (wintering)	EC
MP023	08/11/2022	14:27	Meadow Pipit	10	improved agricultural grassland; flying (wintering)	EC
MP024	08/11/2022	14:27	Meadow Pipit	7	improved agricultural grassland and upland blanket bog; flying (wintering)	EC
MP025	09/11/2022	11:39	Meadow Pipit	5	upland blanket bog; flying, calling (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP026	09/11/2022	11:41	Meadow Pipit	10	upland blanket bog; feeding on ground/flying near cattle (wintering)	EC
MP027	09/11/2022	13:04	Meadow Pipit	5	upland blanket bog; flying, abundant 25+ on site (wintering)	EC
MP028	15/11/2022	12:04	Meadow Pipit	15	improved agricultural grassland; flying, abundant on site 75+ (wintering)	EC
MP029	15/11/2022	13:27	Meadow Pipit	5	upland blanket bog; flying (wintering)	EC
MP030	16/11/2022	11:40	Meadow Pipit	5	upland blanket bog; flying, abundant on site 25+ (wintering)	EC
MP031	16/11/2022	13:49	Meadow Pipit	7	improved agricultural grassland; flying, abundant on site 25+ (wintering)	EC
MP032	09/01/2023	10:58	Meadow Pipit	5	upland blanket bog and improved agricultural grassland; flying, calling, abundant on site 25+ (wintering)	EC
MP033	09/01/2023	12:44	Meadow Pipit	5	improved agricultural grassland; flying (wintering)	EC
MP034	13/01/2023	11:37	Meadow Pipit	20	improved agricultural grassland; flying, flying/feeding around sheep feeding station on track (wintering)	EC
MP035	20/01/2023	12:24	Meadow Pipit	15	improved agricultural grassland; flying (wintering)	EC
MP036	20/01/2023	12:25	Meadow Pipit	5	improved agricultural grassland; flying (wintering)	EC
MP037	20/01/2023	14:03	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC
MP038	27/01/2023	11:34	Meadow Pipit	7	improved agricultural grassland; flying, calling, abundant on site 40+ (wintering)	EC
MP039	01/03/2023	12:04	Meadow Pipit	5	improved agricultural grassland; flying, calling, abundant 30+ observed (wintering)	EC
MP040	01/03/2023	12:40	Meadow Pipit	20	improved agricultural grassland; flying, calling (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP041	01/03/2023	13:56	Meadow Pipit	4	upland blanket bog; flying, calling (wintering)	EC
MP042	02/03/2023	11:42	Meadow Pipit	10	improved agricultural grassland; flying, calling, abundant 30+ observed on site (wintering)	EC
MP043	03/03/2023	11:20	Meadow Pipit	10	improved agricultural grassland; flying and calling/singing, abundant 40+ observed in site (wintering)	EC
MP044	03/03/2023	12:32	Meadow Pipit	4	upland blanket bog; flying, calling (wintering)	EC
MP045	24/03/2023	12:43	Meadow Pipit	4	upland blanket bog; flying, calling (wintering)	EC
MP046	24/03/2023	12:46	Meadow Pipit	2	upland blanket bog; flying, calling (wintering)	EC
MP047	24/03/2023	12:47	Meadow Pipit	2	upland blanket bog; flying, calling (wintering)	EC
MP048	17/10/2023	16:43	Meadow Pipit	2	improved agricultural grassland; flying (wintering)	EC
MP049	17/10/2023	16:45	Meadow Pipit	1	upland blanket bog; flying (wintering)	EC
MP050	17/10/2023	16:47	Meadow Pipit	1	improved agricultural grassland; flying (wintering)	EC
MP051	18/10/2023	16:44	Meadow Pipit	1	upland blanket bog; flying (wintering)	EC
MP052	18/10/2023	16:45	Meadow Pipit	3	upland blanket bog; flying (wintering)	EC
MP053	18/10/2023	16:47	Meadow Pipit	15	upland blanket bog; flying (wintering)	EC
MP054	18/10/2023	16:48	Meadow Pipit	2	bogs; flying and calling (wintering)	TKS
MP055	18/10/2023	16:48	Meadow Pipit	7	upland blanket bog; flying (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP056	18/10/2023	16:50	Meadow Pipit	4	bogs; flying and calling (wintering)	TKS
MP057	19/10/2023	17:00	Meadow Pipit	3	improved agricultural grassland; flying (wintering)	EC
MP058	19/10/2023	17:01	Meadow Pipit	4	upland blanket bog; flying (wintering)	EC
MP059	19/10/2023	17:01	Meadow Pipit	2	upland blanket bog; flying (wintering)	EC
MP060	19/10/2023	17:03	Meadow Pipit	5	improved agricultural grassland; flying (wintering)	EC
MP061	19/10/2023	17:05	Meadow Pipit	2	bogs; flying and calling (wintering)	TKS
MP062	19/10/2023	17:07	Meadow Pipit	1	bogs; flying (wintering)	TKS
MP063	19/10/2023	17:11	Meadow Pipit	4	bogs; flying (wintering)	TKS
MP064	23/10/2023	16:11	Meadow Pipit	1	bogs; flying (wintering)	TKS
MP065	23/10/2023	16:12	Meadow Pipit	1	improved grassland; flying (wintering)	TKS
MP066	23/10/2023	16:12	Meadow Pipit	2	improved grassland; flying (wintering)	TKS
MP067	23/10/2023	16:13	Meadow Pipit	1	bogs; flying (wintering)	TKS
MP068	23/10/2023	16:14	Meadow Pipit	4	bogs; flying (wintering)	TKS
MP069	23/10/2023	16:14	Meadow Pipit	9	bogs; flying (wintering)	TKS
MP070	25/10/2023	15:00	Meadow Pipit	3	upland blanket bog and improved agricultural grassland; flying and calling (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP071	25/10/2023	15:35	Meadow Pipit	4	upland blanket bog and improved agricultural grassland; flying and calling (wintering)	EC
MP072	26/10/2023	16:11	Meadow Pipit	5	improved agricultural grassland; flying and calling (wintering)	EC
MP073	05/12/2023	11:56	Meadow Pipit	1	improved grassland; calling (wintering)	TKS
MP074	05/12/2023	11:58	Meadow Pipit	4	improved grassland and bogs; calling and flying (wintering)	TKS
MP075	05/12/2023	12:20	Meadow Pipit	1	wet grassland and improved agricultural grassland; calling (wintering)	TKS
MP076	05/12/2023	13:20	Meadow Pipit	3	improved grassland; perched (wintering)	TKS
MP077	06/12/2023	13:25	Meadow Pipit	1	improved grassland; calling and flying (wintering)	TKS
MP078	12/12/2023	13:35	Meadow Pipit	1	improved grassland and bogs; flying and calling (wintering)	TKS
MP079	13/12/2023	13:35	Meadow Pipit	1	improved grassland and bogs; flying and calling (wintering)	TKS
MP080	14/12/2023	13:10	Meadow Pipit	1	bogs; calling (wintering)	TKS
MP081	14/12/2023	13:35	Meadow Pipit	1	bogs; calling (wintering)	TKS
MP082	14/12/2023	14:55	Meadow Pipit	1	bogs and improved grassland; flying (wintering)	TKS
MP083	19/12/2023	13:51	Meadow Pipit	2	improved agricultural grassland; flying and calling (wintering)	EC
MP084	19/12/2023	13:51	Meadow Pipit	3	improved agricultural grassland; flying and calling (wintering)	EC
MP085	10/01/2024	14:07	Meadow Pipit	2	upland blanket bog; flying and calling (wintering)	EC
MP086	10/01/2024	14:08	Meadow Pipit	5	improved agricultural grassland; flying and calling (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP087	16/01/2024	14:20	Meadow Pipit	4	improved agricultural grassland; flying and calling (wintering)	EC
MP088	16/01/2024	14:21	Meadow Pipit	3	improved agricultural grassland; flying and calling (wintering)	EC
MP089	17/01/2024	14:06	Meadow Pipit	2	improved agricultural grassland; flying and calling (wintering)	EC
MP090	24/01/2024	13:25	Meadow Pipit	2	upland blanket bog; flying and calling (wintering)	EC
MP091	24/01/2024	14:16	Meadow Pipit	16	improved agricultural grassland; flying and calling (wintering)	EC
MP092	12/03/2024	13:00	Meadow Pipit	2	improved grassland and bogs; flying, calling (wintering)	TKS
MP093	12/03/2024	13:40	Meadow Pipit	2	improved grassland and bogs; flying (wintering)	TKS
MP094	12/03/2024	15:53	Meadow Pipit	1	improved grassland and bogs; flying (wintering)	TKS
MP095	12/03/2024	15:57	Meadow Pipit	1	improved grassland and bogs; flying (wintering)	TKS
MP096	19/03/2024	14:40	Meadow Pipit	6	improved grassland; flying, calling (wintering)	TKS
MP097	19/03/2024	14:58	Meadow Pipit	4	improved grassland and wet grassland; flying, calling (wintering)	TKS
MP098	19/03/2024	15:15	Meadow Pipit	3	improved grassland and bogs; flying, calling (wintering)	TKS
MP099	20/03/2024	15:45	Meadow Pipit	5	improved grassland; flying, calling (wintering)	TKS
MP100	20/03/2024	16:00	Meadow Pipit	2	improved grassland and heath; flying (wintering)	TKS
MP101	20/03/2024	16:15	Meadow Pipit	12	improved grassland; flying, perched, a total count on road of meadow pipit (wintering)	TKS

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP102	26/03/2024	15:00	Meadow Pipit	8	improved grassland and bogs; flying, total count (wintering)	TKS
MP103	26/03/2024	16:30	Meadow Pipit	7	improved grassland; flying (wintering)	TKS
MP104	26/03/2024	17:00	Meadow Pipit	12	improved grassland; flying, flushed (wintering)	TKS
MP105	27/03/2024	16:00	Meadow Pipit	3	bogs and improved grassland; flying, calling (wintering)	TKS
MP106	27/03/2024	17:00	Meadow Pipit	4	improved grassland and wet grassland; flying (wintering)	TKS
MP107	28/03/2024	16:33	Meadow Pipit	4	conifer plantation; flying, calling (wintering)	TKS
MP108	18/10/2024	08:30	Meadow Pipit	1	improved agricultural grassland; flushed (wintering)	DM
MP109	18/10/2024	08:45	Meadow Pipit	1	dry-humid acid grassland; flushed (wintering)	DM
MP110	18/10/2024	09:20	Meadow Pipit	1	improved agricultural grassland and dry-humid acid grassland; flushed (wintering)	DM
MP111	18/10/2024	10:25	Meadow Pipit	1	improved agricultural grassland and dry-humid acid grassland; flying, calling (wintering)	DM
MP112	18/10/2024	11:25	Meadow Pipit	1	dry-humid acid grassland; flying, calling (wintering)	DM
MP113	18/10/2024	11:30	Meadow Pipit	1	improved agricultural grassland; flying, calling (wintering)	DM
MP114	18/10/2024	13:45	Meadow Pipit	1	improved agricultural grassland and dry-humid acid grassland; flying, calling (wintering)	DM
MP115	21/10/2024	09:14	Meadow Pipit	2	improved agricultural grassland; flying, calling, perching (wintering)	DM
MP116	21/10/2024	10:11	Meadow Pipit	2	dry-humid acid grassland; calling (wintering)	DM

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP117	21/10/2024	10:24	Meadow Pipit	2	dry-humid acid grassland; chasing (wintering)	DM
MP118	21/10/2024	12:41	Meadow Pipit	1	wet grassland; flying, calling (wintering)	DM
MP119	21/10/2024	13:22	Meadow Pipit	1	wet grassland; calling (wintering)	DM
MP120	22/10/2024	08:35	Meadow Pipit	2	improved agricultural grassland; flying (wintering)	DM
MP121	22/10/2024	10:31	Meadow Pipit	1	wet grassland; calling (wintering)	DM
MP122	22/10/2024	10:35	Meadow Pipit	2	wet grassland; calling (wintering)	DM
MP123	22/10/2024	10:40	Meadow Pipit	2	wet grassland; flying, calling (wintering)	DM
MP124	22/10/2024	11:05	Meadow Pipit	1	wet grassland; calling (wintering)	DM
MP125	22/10/2024	11:34	Meadow Pipit	1	wet grassland; calling (wintering)	DM
MP126	22/10/2024	13:14	Meadow Pipit	1	wet grassland; calling (wintering)	DM
MP127	22/10/2024	13:40	Meadow Pipit	1	wet grassland; flying (wintering)	DM
MP128	22/10/2024	13:56	Meadow Pipit	1	wet grassland; flying, calling (wintering)	DM
MP129	22/10/2024	14:30	Meadow Pipit	6	wet grassland; flying, calling, perching (wintering)	DM
MP130	23/10/2024	08:45	Meadow Pipit	2	improved agricultural grassland; flying (wintering)	DM
MP131	23/10/2024	09:08	Meadow Pipit	1	improved agricultural grassland; flying, calling (wintering)	DM

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP132	23/10/2024	09:46	Meadow Pipit	2	improved agricultural grassland; flying, calling (wintering)	DM
MP133	23/10/2024	09:58	Meadow Pipit	2	improved agricultural grassland; flying (wintering)	DM
MP134	23/10/2024	10:30	Meadow Pipit	6	improved agricultural grassland; perched (wintering)	DM
MP135	23/10/2024	11:32	Meadow Pipit	1	improved agricultural grassland; calling (wintering)	DM
MP136	23/10/2024	11:51	Meadow Pipit	5	improved agricultural grassland and wet grassland; flying, calling (wintering)	DM
MP137	23/10/2024	13:25	Meadow Pipit	1	wet grassland; flying, calling (wintering)	DM
MP138	23/10/2024	13:42	Meadow Pipit	5	wet grassland; flying, calling (wintering)	DM
MP139	13/01/2025	12:32	Meadow Pipit	2	scrub and wet grassland; flushed (wintering)	LB
MP140	13/01/2025	13:06	Meadow Pipit	1	improved agricultural grassland and treelines; flushed (wintering)	LB
MP141	13/01/2025	14:55	Meadow Pipit	1	wet grassland; flushed (wintering)	LB
MP142	21/01/2025	13:07	Meadow Pipit	2	wet grassland and heath; foraging (wintering)	LB
MP143	21/01/2025	13:08	Meadow Pipit	7	wet grassland, scrub and heath; flushed, maximum flock flushed on transect (wintering)	LB
MP144	22/01/2025	14:32	Meadow Pipit	4	improved agricultural grassland; foraging, flitting (wintering)	LB
MP145	11/02/2025	16:26	Meadow Pipit	13	improved agricultural grassland; foraging (wintering)	LB
MP146	11/02/2025	16:26	Meadow Pipit	1	improved agricultural grassland; foraging (wintering)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP147	11/02/2025	16:27	Meadow Pipit	3	bogs and wet grassland; flying (wintering)	LB
MP148	18/02/2025	14:08	Meadow Pipit	2	heath and improved agricultural grassland; displaying, total number of birds seen displaying on transect (wintering)	LB
MP149	18/02/2025	14:12	Meadow Pipit	2	bogs and wet grassland; flushed, flying (wintering)	LB
MP150	19/02/2025	14:01	Meadow Pipit	1	improved agricultural grassland; perched on fence (wintering)	LB
MP151	19/02/2025	14:03	Meadow Pipit	2	bogs and wet grassland; flushed (wintering)	LB
MP152	25/02/2025	16:10	Meadow Pipit	8	improved agricultural grassland and scrub; flying, making contact calls, maximum flock recorded on transect (wintering)	LB
MP153	12/03/2025	11:50	Meadow Pipit	2	improved grassland; flying (wintering)	CR
MP154	12/03/2025	12:14	Meadow Pipit	5	improved grassland; flying, calling (wintering)	CR
MP155	12/03/2025	13:10	Meadow Pipit	1	bogs; calling (wintering)	CR
MP156	12/03/2025	14:38	Meadow Pipit	7	bogs; flying, calling (wintering)	CR
MP157	12/03/2025	15:16	Meadow Pipit	13	bogs; flying, calling (wintering)	CR
MP158	13/03/2025	12:09	Meadow Pipit	2	bogs; flying, calling (wintering)	CR
MP159	13/03/2025	14:47	Meadow Pipit	2	bogs; flying, calling (wintering)	CR
MP160	13/03/2025	17:04	Meadow Pipit	1	improved grassland; flying, calling (wintering)	CR
MP161	28/03/2025	14:55	Meadow Pipit	3	improved agricultural grassland and scrub; flying, calling (wintering)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP162	31/03/2025	13:26	Meadow Pipit	14	wet grassland, scrub and bogs; flitting, total number of birds counted on transect (wintering)	LB
MP163	31/03/2025	13:30	Meadow Pipit	3	wet grassland and scrub; flushed (wintering)	LB

Table 7 - 4 - 33 Meadow pipit breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	14/04/2022	10:05	Meadow Pipit	5	bogs and improved grassland; flying (suitable nesting habitat; possible breeder)	BJ
MP002	14/04/2022	15:07	Meadow Pipit	2	bogs; flying (suitable nesting habitat; possible breeder)	BJ
MP003	20/04/2022	10:15	Meadow Pipit	5	bogs; flying, upland bog (suitable nesting habitat; possible breeder)	BJ
MP004	28/04/2022	13:35	Meadow Pipit	30	dry-humid acid grassland, upland blanket bog and wet grassland; singing, carrying food, displaying (courtship and display; probable breeding)	CC
MP005	28/04/2022	18:50	Meadow Pipit	25	improved agricultural grassland, conifer plantation and wet grassland; singing, carrying food, displaying (adult carrying food/faecal sac; confirmed breeding)	CC
MP006	30/04/2022	06:03	Meadow Pipit	22	wet grassland, improved agricultural grassland and upland blanket bog; singing, feeding (courtship and display; probable breeding)	CC
MP007	04/05/2022	06:10	Meadow Pipit	14	dry-humid acid grassland, improved agricultural grassland and wet grassland; alarm calling, singing, displaying (courtship and display; probable breeding)	CC
MP008	14/05/2022	06:15	Meadow Pipit	40	dry-humid acid grassland, wet grassland and improved agricultural grassland; alarm, carrying food, singing (adult carrying food/faecal sac; confirmed breeding)	CC
MP009	14/05/2022	08:40	Meadow Pipit	46	dry-humid acid grassland, improved agricultural grassland and wet grassland; singing, carrying food (adult carrying food/faecal sac; confirmed breeding)	CC
MP010	15/05/2022	06:05	Meadow Pipit	20	improved agricultural grassland, wet grassland and dry-humid acid grassland; alarm, carrying food, singing, throughout (adult carrying food/faecal sac; confirmed breeding)	CC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP011	26/05/2022	15:12	Meadow Pipit	2	conifer plantation and improved agricultural grassland; flying (flyover; non-breeding)	BJ
MP012	01/06/2022	05:40	Meadow Pipit	38	dry-humid acid grassland, improved agricultural grassland and conifer plantation; carrying food, occupied nest, not all individuals assessed, but all assumed breeding. (occupied nest; confirmed breeding)	CC
MP013	01/06/2022	08:10	Meadow Pipit	32	improved agricultural grassland, dry-humid acid grassland and conifer plantation; carrying food, occupied nest, not all individuals assessed, all assumed breeding. (occupied nest; confirmed breeding)	CC
MP014	03/06/2022	08:30	Meadow Pipit	37	wet grassland, dry-humid acid grassland and conifer plantation; carrying food, occupied nest with eggs and young, couldn't assess every individual but all assumed breeding (nest with young; confirmed breeding)	CC
MP015	03/06/2022	10:40	Meadow Pipit	36	wet grassland, dry-humid acid grassland and wet heath; carrying food, occupied nest with young, couldn't record every individuals status but all birds assumed breeding. (nest with young; confirmed breeding)	CC
MP016	14/07/2022	08:43	Meadow Pipit	30	improved agricultural grassland and dry-humid acid grassland; feeding, calling, a=29, b=19, c-36, d=15 (flyover; non-breeding)	CC
MP017	14/07/2022	08:43	Meadow Pipit	39	improved agricultural grassland, dry-humid acid grassland and conifer plantation; feeding, calling, including lots of juveniles. e=25, f=28 (fledged young; confirmed breeding)	CC
MP018	17/07/2022	05:58	Meadow Pipit	40	improved agricultural grassland, conifer plantation and dry-humid acid grassland; foraging, feeding young, singing (fledged young; confirmed breeding)	CC
MP019	17/07/2022	11:10	Meadow Pipit	31	improved agricultural grassland, conifer plantation and dry-humid acid grassland; foraging, singing, feeding, abundant (fledged young; confirmed breeding)	CC
MP020	21/07/2022	11:43	Meadow Pipit	4	heath; flying (suitable nesting habitat; possible breeder)	BJ
MP021	22/07/2022	10:47	Meadow Pipit	1	recently-felled woodland; flying (suitable nesting habitat; possible breeder)	BJ
MP022	11/08/2022	06:10	Meadow Pipit	40	improved agricultural grassland and dry meadows and grassy verges; foraging (adult carrying food/faecal sac; confirmed breeding)	CC
MP023	11/08/2022	08:16	Meadow Pipit	50	improved agricultural grassland and conifer plantation; feeding (adult carrying food/faecal sac; confirmed breeding)	CC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP024	17/08/2022	06:15	Meadow Pipit	4	improved agricultural grassland and dry-humid acid grassland; foraging, throughout (suitable nesting habitat; possible breeder)	CC
MP025	17/08/2022	08:45	Meadow Pipit	15	improved agricultural grassland and dry-humid acid grassland; present, throughout (not recorded)	CC
MP026	01/09/2022	09:45	Meadow Pipit	11	improved agricultural grassland, dry-humid acid grassland and wet grassland; foraging (not recorded)	CC
MP027	01/09/2022	15:30	Meadow Pipit	5	improved agricultural grassland and dry-humid acid grassland; foraging (not recorded)	CC
MP028	02/09/2022	10:10	Meadow Pipit	7	improved agricultural grassland; foraging (not recorded)	CC
MP029	02/09/2022	16:10	Meadow Pipit	10	improved agricultural grassland and dry-humid acid grassland; foraging, throughout (not recorded)	CC
MP030	17/04/2023	10:25	Meadow Pipit	4	upland blanket bog; breeding display, adults (permanent territory; probable breeding)	JM
MP031	17/04/2023	14:21	Meadow Pipit	4	upland blanket bog; breeding display, adults (permanent territory; probable breeding)	JM
MP032	20/04/2023	10:10	Meadow Pipit	2	upland blanket bog; breeding displaying, adults (permanent territory; probable breeding)	JM
MP033	20/04/2023	14:52	Meadow Pipit	5	upland blanket bog; calling, singing, adults (permanent territory; probable breeding)	JM
MP034	12/05/2023	11:56	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP035	12/05/2023	11:58	Meadow Pipit	4	improved agricultural grassland; singing (suitable nesting habitat; possible breeder)	EC
MP036	12/05/2023	11:59	Meadow Pipit	10	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP037	12/05/2023	12:00	Meadow Pipit	15	improved agricultural grassland; flying, singing, calling (suitable nesting habitat; possible breeder)	EC
MP038	12/05/2023	13:02	Meadow Pipit	5	upland blanket bog; flying, singing, calling (adult carrying food/faecal sac; confirmed breeding)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP039	19/05/2023	11:38	Meadow Pipit	2	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP040	19/05/2023	11:40	Meadow Pipit	5	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP041	19/05/2023	13:27	Meadow Pipit	3	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP042	19/05/2023	13:28	Meadow Pipit	2	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP043	19/05/2023	13:32	Meadow Pipit	2	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP044	30/05/2023	10:50	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP045	30/05/2023	11:55	Meadow Pipit	7	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP046	30/05/2023	11:56	Meadow Pipit	2	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP047	31/05/2023	14:59	Meadow Pipit	4	upland blanket bog and improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP048	31/05/2023	15:02	Meadow Pipit	6	upland blanket bog and improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP049	14/06/2023	10:37	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP050	14/06/2023	10:38	Meadow Pipit	1	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP051	14/06/2023	10:40	Meadow Pipit	1	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP052	14/06/2023	10:41	Meadow Pipit	3	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP053	14/06/2023	12:31	Meadow Pipit	2	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP054	14/06/2023	12:33	Meadow Pipit	4	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP055	14/06/2023	12:35	Meadow Pipit	6	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP056	14/06/2023	12:37	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP057	15/06/2023	11:07	Meadow Pipit	3	upland blanket bog; flying, singing (adult carrying food/faecal sac; confirmed breeding)	EC
MP058	15/06/2023	11:09	Meadow Pipit	4	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP059	15/06/2023	11:10	Meadow Pipit	5	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP060	15/06/2023	11:11	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP061	15/06/2023	12:52	Meadow Pipit	3	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP062	29/06/2023	08:26	Meadow Pipit	10	improved agricultural grassland; flying, singing, calling (suitable nesting habitat; possible breeder)	EC
MP063	29/06/2023	11:33	Meadow Pipit	3	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP064	29/06/2023	11:33	Meadow Pipit	4	improved agricultural grassland; flying, singing (suitable nesting habitat; possible breeder)	EC
MP065	29/06/2023	12:48	Meadow Pipit	3	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP066	29/06/2023	12:50	Meadow Pipit	5	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP067	30/06/2023	11:48	Meadow Pipit	4	upland blanket bog; flying, singing (suitable nesting habitat; possible breeder)	EC
MP068	30/06/2023	11:49	Meadow Pipit	4	upland blanket bog; flying, singing, calling (suitable nesting habitat; possible breeder)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP069	30/06/2023	11:51	Meadow Pipit	12	upland blanket bog and conifer plantation; flying, running on track (suitable nesting habitat; possible breeder)	EC
MP070	11/07/2023	11:19	Meadow Pipit	7	improved agricultural grassland; flying, landing on fence posts/overhead wires (suitable nesting habitat; possible breeder)	EC
MP071	11/07/2023	11:20	Meadow Pipit	20	improved agricultural grassland; flying, perching in overhead wires (suitable nesting habitat; possible breeder)	EC
MP072	11/07/2023	11:24	Meadow Pipit	3	upland blanket bog; flying (suitable nesting habitat; possible breeder)	EC
MP073	11/07/2023	12:33	Meadow Pipit	4	upland blanket bog; flying (suitable nesting habitat; possible breeder)	EC
MP074	12/07/2023	10:21	Meadow Pipit	4	upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP075	12/07/2023	10:24	Meadow Pipit	3	upland blanket bog; flying (suitable nesting habitat; possible breeder)	EC
MP076	12/07/2023	12:15	Meadow Pipit	3	upland blanket bog; flying (suitable nesting habitat; possible breeder)	EC
MP077	12/07/2023	12:16	Meadow Pipit	3	upland blanket bog; flying (suitable nesting habitat; possible breeder)	EC
MP078	12/07/2023	12:17	Meadow Pipit	12	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
MP079	19/07/2023	10:50	Meadow Pipit	4	improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
MP080	19/07/2023	12:12	Meadow Pipit	4	upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP081	19/07/2023	12:13	Meadow Pipit	7	upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP082	19/07/2023	12:14	Meadow Pipit	2	upland blanket bog and improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC
MP083	19/07/2023	13:07	Meadow Pipit	4	upland blanket bog and improved agricultural grassland; flying, calling (suitable nesting habitat; possible breeder)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP084	27/07/2023	10:22	Meadow Pipit	7	improved agricultural grassland and upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP085	27/07/2023	10:22	Meadow Pipit	4	upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP086	27/07/2023	10:23	Meadow Pipit	5	upland blanket bog; flying, calling (suitable nesting habitat; possible breeder)	EC
MP087	27/07/2023	10:24	Meadow Pipit	6	improved agricultural grassland; flying, calling, landing on fence posts (suitable nesting habitat; possible breeder)	EC
MP088	04/04/2024	14:46	Meadow Pipit	1	improved grassland; flying, calling (suitable nesting habitat; possible breeder)	CR
MP089	17/04/2024	11:45	Meadow Pipit	2	bogs; displaying (courtship and display; probable breeding)	CR
MP090	17/04/2024	12:08	Meadow Pipit	3	bogs; displaying (courtship and display; probable breeding)	CR
MP091	17/04/2024	12:53	Meadow Pipit	1	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP092	17/04/2024	13:00	Meadow Pipit	3	bogs; displaying (courtship and display; probable breeding)	CR
MP093	17/04/2024	14:20	Meadow Pipit	1	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP094	17/04/2024	14:38	Meadow Pipit	4	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP095	17/04/2024	15:03	Meadow Pipit	3	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP096	17/04/2024	15:43	Meadow Pipit	5	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP097	17/04/2024	18:25	Meadow Pipit	2	bogs; displaying (courtship and display; probable breeding)	CR
MP098	17/04/2024	18:58	Meadow Pipit	2	bogs; flying, calling (suitable nesting habitat; possible breeder)	CR

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP099	26/04/2024	09:00	Meadow Pipit	3	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP100	26/04/2024	12:27	Meadow Pipit	2	bogs; displaying (courtship and display; probable breeding)	CR
MP101	26/04/2024	12:39	Meadow Pipit	1	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP102	26/04/2024	13:39	Meadow Pipit	3	bogs; flying (suitable nesting habitat; possible breeder)	CR
MP103	26/04/2024	14:04	Meadow Pipit	2	bogs; displaying (courtship and display; probable breeding)	CR
MP104	30/04/2024	12:20	Meadow Pipit	2	improved grassland; flying (suitable nesting habitat; possible breeder)	CR
MP105	30/04/2024	12:34	Meadow Pipit	2	improved grassland; flying (suitable nesting habitat; possible breeder)	CR
MP106	30/04/2024	12:41	Meadow Pipit	4	improved grassland; flying (suitable nesting habitat; possible breeder)	CR
MP107	16/05/2024	11:34	Meadow Pipit	3	wet grassland; flying, maximum flock recorded on transect (suitable nesting habitat; possible breeder)	LB
MP108	16/05/2024	11:37	Meadow Pipit	1	wet grassland; displaying (courtship and display; probable breeding)	LB
MP109	16/05/2024	14:31	Meadow Pipit	6	wet grassland; flying, making contact calls, maximum flock recorded on transect (suitable nesting habitat; possible breeder)	LB
MP110	16/05/2024	14:34	Meadow Pipit	2	improved agricultural grassland; perched on fence (suitable nesting habitat; possible breeder)	LB
MP111	17/05/2024	11:13	Meadow Pipit	8	wet grassland; flying, maximum flock recorded on transect (suitable nesting habitat; possible breeder)	LB
MP112	17/05/2024	11:19	Meadow Pipit	3	improved agricultural grassland and heath; flitting, maximum flock recorded on transect (suitable nesting habitat; possible breeder)	LB
MP113	17/05/2024	13:58	Meadow Pipit	1	wet grassland and scrub; displaying (courtship and display; probable breeding)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP114	23/05/2024	12:06	Meadow Pipit	1	improved agricultural grassland and scrub; carrying food (adult carrying food/faecal sac; confirmed breeding)	LB
MP115	23/05/2024	12:10	Meadow Pipit	2	wet grassland; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP116	24/05/2024	12:02	Meadow Pipit	2	wet grassland and scrub; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP117	11/06/2024	11:10	Meadow Pipit	2	hedgerows; perched, fledged young with 2 adults (fledged young; confirmed breeding)	LB
MP118	11/06/2024	11:12	Meadow Pipit	2	wet grassland; carrying food, total number of birds seen carrying food on transect (adult carrying food/faecal sac; confirmed breeding)	LB
MP119	11/06/2024	14:17	Meadow Pipit	2	wet grassland and scrub; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP120	11/06/2024	14:19	Meadow Pipit	3	wet grassland and scrub; flying, total number of birds seen flying on transect (suitable nesting habitat; possible breeder)	LB
MP121	12/06/2024	09:50	Meadow Pipit	3	wet grassland; displaying, total number of birds seen displaying on teansect (courtship and display; probable breeding)	LB
MP122	12/06/2024	11:16	Meadow Pipit	4	improved agricultural grassland and heath; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP123	12/06/2024	13:08	Meadow Pipit	2	improved agricultural grassland; singing, at least 2. heard not seen (singing male; possible breeder)	LB
MP124	18/06/2024	12:33	Meadow Pipit	1	scrub; displaying (courtship and display; probable breeding)	LB
MP125	18/06/2024	12:36	Meadow Pipit	3	wet grassland; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP126	19/06/2024	11:52	Meadow Pipit	3	improved agricultural grassland and scrub; displaying, total number of birds seen displaying on transect (courtship and display; probable breeding)	LB
MP127	19/06/2024	11:57	Meadow Pipit	2	hedgerows; perched on fence, fledged young (fledged young; confirmed breeding)	LB
MP128	25/07/2024	13:06	Meadow Pipit	1	upland blanket bog; flying (suitable nesting habitat; possible breeder)	CR

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP129	26/07/2024	12:20	Meadow Pipit	2	bogs; flying, calling (pair; probable breeding)	CR
MP130	26/07/2024	14:00	Meadow Pipit	5	upland blanket bog; flying (fledged young; confirmed breeding)	CR
MP131	26/07/2024	14:45	Meadow Pipit	2	upland blanket bog; flying (pair; probable breeding)	CR
MP132	26/07/2024	15:19	Meadow Pipit	5	upland blanket bog; flying, calling (fledged young; confirmed breeding)	CR
MP133	31/07/2024	13:37	Meadow Pipit	6	upland blanket bog; flying, calling (fledged young; confirmed breeding)	CR
MP134	31/07/2024	14:40	Meadow Pipit	1	upland blanket bog; flying (suitable nesting habitat; possible breeder)	CR
MP135	31/07/2024	16:27	Meadow Pipit	2	upland blanket bog; flying, calling (pair; probable breeding)	CR
MP136	31/07/2024	17:00	Meadow Pipit	8	improved grassland; flying, calling (fledged young; confirmed breeding)	CR

Table 7 - 4 - 34 Meadow pipit incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	Breeding Raptor Survey; BR1	25/04/2022	13:49	Meadow Pipit	4	bogs; flying, alarming	BJ
MP002	Wildfowl Distribution Survey; Breeny more	23/09/2022	14:26	Meadow Pipit	5	bogs and heath; flying, alarming	BJ
MP003	Chough Survey; near VP6	24/10/2022	17:54	Meadow Pipit	12	improved agricultural grassland; flying/calling	EC
MP004	Waterbird distribution and abundance Survey; WFP1	27/10/2022	11:05	Meadow Pipit	15	upland blanket bog; flying, abundant 50+ on site	EC
MP005	Waterbird distribution and abundance Survey; WFP1	27/10/2022	11:07	Meadow Pipit	20	upland blanket bog; flying	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP006	Waterbird distribution and abundance Survey; WFP2	27/10/2022	12:40	Meadow Pipit	25	improved agricultural grassland; flying, abundant on site	EC
MP007	Hen Harrier Roost Survey; HHVP3	21/11/2022	15:31	Meadow Pipit	3	recently-felled woodland; flying, alarming	BJ
MP008	Waterbird distribution and abundance Survey; Kealkill	09/12/2022	11:42	Meadow Pipit	7	upland blanket bog; flying	EC
MP009	Waterbird distribution and abundance Survey; Kealkill	09/12/2022	12:47	Meadow Pipit	5	improved agricultural grassland; flying, abundant on-site 25+	EC
MP010	Waterbird distribution and abundance Survey; Kealkill	09/12/2022	13:38	Meadow Pipit	5	upland blanket bog; flying	EC
MP011	Waterbird distribution and abundance Survey; Kealkill	21/12/2022	10:38	Meadow Pipit	5	upland blanket bog; flying, flying overhead + calling	EC
MP012	Waterbird distribution and abundance Survey; Kealkill	21/12/2022	12:59	Meadow Pipit	10	improved agricultural grassland; flying, abundant on-site 30+	EC
MP013	Waterbird distribution and abundance Survey; near VP6	06/01/2023	10:30	Meadow Pipit	7	improved agricultural grassland; flying/calling	EC
MP014	Waterbird distribution and abundance Survey; farm track to Lough Nabiree	06/01/2023	12:43	Meadow Pipit	10	improved agricultural grassland; flying/calling	EC
MP015	Waterbird distribution and abundance Survey; Lough Nabiree	26/01/2023	11:57	Meadow Pipit	5	improved agricultural grassland; flying, abundant15+ on site	EC
MP016	Waterbird distribution and abundance Survey; WFP4	08/02/2023	10:56	Meadow Pipit	7	improved agricultural grassland; flying , calling	EC
MP017	Waterbird distribution and abundance Survey; WFP2	08/02/2023	12:10	Meadow Pipit	11	improved agricultural grassland; flying , calling, abundant 30+ on site	EC
MP018	Waterbird distribution and abundance Survey; WFP1	08/02/2023	13:03	Meadow Pipit	4	improved agricultural grassland; flying , calling	EC
MP019	Breeding Red Grouse Survey; Near VP6	16/02/2023	10:37	Meadow Pipit	5	improved agricultural grassland and upland blanket bog; flying, calling, 25+ observed/heard on site	EC
MP020	Breeding Red Grouse Survey; Near BR4	16/02/2023	14:18	Meadow Pipit	6	improved agricultural grassland; flying, calling, 30+ observed/ heard in site	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP021	Waterbird distribution and abundance Survey; VP6	24/02/2023	10:54	Meadow Pipit	5	improved agricultural grassland; flying, calling, 10+ observed on site	EC
MP022	Waterbird distribution and abundance Survey; Lough Nabiree	24/02/2023	12:46	Meadow Pipit	4	improved agricultural grassland; flying, calling	EC
MP023	Waterbird distribution and abundance Survey; Lough Nabiree	22/03/2023	11:48	Meadow Pipit	10	upland blanket bog; flying, calling	EC
MP024	Waterbird distribution and abundance Survey; Lough Nabiree	22/03/2023	11:49	Meadow Pipit	5	improved agricultural grassland; flying, calling	EC
MP025	Waterbird distribution and abundance Survey; near VP7	22/03/2023	13:00	Meadow Pipit	6	upland blanket bog; flying, calling	EC
MP026	Waterbird distribution and abundance Survey; near VP4	06/04/2023	12:01	Meadow Pipit	6	improved agricultural grassland; flying, calling	EC
MP027	Waterbird distribution and abundance Survey; near VP7	06/04/2023	13:29	Meadow Pipit	2	upland blanket bog; flying, calling	EC
MP028	Breeding Raptor Survey; BR5	19/04/2023	12:10	Meadow Pipit	3	improved agricultural grassland; flying, calling	EC
MP029	Waterbird distribution and abundance Survey; near vp4	20/04/2023	11:47	Meadow Pipit	5	improved agricultural grassland; flying	EC
MP030	Waterbird distribution and abundance Survey; Near WFP1	20/04/2023	12:45	Meadow Pipit	3	upland blanket bog; flying	EC
MP031	Waterbird distribution and abundance Survey; near VP4	09/05/2023	11:32	Meadow Pipit	4	improved agricultural grassland; flying	EC
MP032	Waterbird distribution and abundance Survey; Lough Carrignaneane	09/05/2023	11:34	Meadow Pipit	3	upland blanket bog; flying, singing	EC
MP033	Waterbird distribution and abundance Survey; Lough Nabiree	09/05/2023	11:37	Meadow Pipit	6	improved agricultural grassland; flying, singing / calling	EC
MP034	Waterbird distribution and abundance Survey; near VP7	09/05/2023	13:03	Meadow Pipit	3	upland blanket bog; flying, singing	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP035	Breeding Raptor Survey; BR4	10/05/2023	12:47	Meadow Pipit	2	improved grassland; perched	AM
MP036	Breeding Raptor Survey; BR5	25/05/2023	15:04	Meadow Pipit	2	improved agricultural grassland; flying, singing	EC
MP037	Waterbird distribution and abundance Survey; near VP4	26/05/2023	10:46	Meadow Pipit	5	upland blanket bog; flying, singing	EC
MP038	Waterbird distribution and abundance Survey; near VP4	26/05/2023	10:48	Meadow Pipit	4	improved agricultural grassland; flying, singing, mobbing a cuckoo	EC
MP039	Waterbird distribution and abundance Survey; near VP7	26/05/2023	12:02	Meadow Pipit	3	upland blanket bog; flying, singing	EC
MP040	Waterfowl Roost Survey; WFP2	02/11/2023	14:44	Meadow Pipit	17	improved agricultural grassland; flying around, seen while walking to wfp2	LB
MP041	Chough Survey; Kealkill	03/11/2023	17:43	Meadow Pipit	9	improved agricultural grassland and scrub; flying and calling	RT
MP042	Waterbird distribution and abundance Survey; WFP4	15/11/2023	14:30	Meadow Pipit	3	scrub; flying	LB
MP043	Waterbird distribution and abundance Survey; WFP2	10/01/2024	12:53	Meadow Pipit	2	treelines; flying	LB
MP044	Waterbird distribution and abundance Survey; WFP4	10/01/2024	14:04	Meadow Pipit	1	wet grassland; foraging	LB
MP045	Waterbird distribution and abundance Survey; WFP1	25/01/2024	13:08	Meadow Pipit	1	upland blanket bog; flushed	LB
MP046	Waterbird distribution and abundance Survey; Path to WFP2	08/02/2024	14:00	Meadow Pipit	2	improved grassland and bogs; flying, calling	TK
MP047	Waterbird distribution and abundance Survey; Path to WFP2	20/02/2024	15:00	Meadow Pipit	9	improved grassland; calling, flying, 3 individuals than another 6 travelling as a group	TK
MP048	Waterbird distribution and abundance Survey; At WFP1	21/02/2024	14:45	Meadow Pipit	1	bogs; flying, calling	TK
MP049	Breeding Raptor Survey; At BR4	22/05/2024	14:30	Meadow Pipit	3	improved grassland; perched, flying	TKS
MP050	Breeding Raptor Survey; At BR5	23/05/2024	15:30	Meadow Pipit	1	improved grassland; perched, going about in the farm	TKS

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP051	Breeding Raptor Survey; At BR7	28/05/2024	11:57	Meadow Pipit	8	improved grassland and bogs; perched, calling, flying, total count	TKS
MP052	Breeding Raptor Survey; Fields close to BR4	10/06/2024	17:20	Meadow Pipit	2	wet grassland; displaying	TS
MP053	Vantage Point Survey; Close to VP5	13/06/2024	11:55	Meadow Pipit	2	wet grassland; calling, outside of viewshed	TS
MP054	Breeding Raptor Survey; Close to BR8	17/06/2024	17:30	Meadow Pipit	2	wet heath; displaying	TS
MP055	Breeding Raptor Survey; Near BR3	23/06/2024	09:35	Meadow Pipit	2	wet heath; displaying	TS
MP056	Breeding Raptor Survey; S of BR5	24/06/2024	17:00	Meadow Pipit	2	wet heath; calling	TS
MP057	Vantage Point Survey; Maughanaclea	10/07/2024	14:18	Meadow Pipit	5	improved agricultural grassland; foraging in field, maximum flock recorded during survey. at least 2 fledglings. behind viewshed	LB
MP058	Breeding Raptor Survey; Douce Mountain	11/07/2024	10:50	Meadow Pipit	3	improved agricultural grassland; flying, calling, total number of birds seen during survey	LB
MP059	Breeding Raptor Survey; BR1	17/07/2024	14:29	Meadow Pipit	2	improved agricultural grassland; flying, making contact calls	LB
MP060	Breeding Raptor Survey; BR5	18/07/2024	10:57	Meadow Pipit	4	buildings and artificial surfaces and hedgerows; perched on electric wire, at least 1 fledgling	LB
MP061	Hen Harrier Roost Survey; HHVP1	14/11/2024	17:39	Meadow Pipit	6	improved agricultural grassland, buildings and artificial surfaces and treelines; flitting, maximum flock recorded during survey	LB
MP062	Waterbird distribution and abundance Survey; WFP1	03/12/2024	09:27	Meadow Pipit	7	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP063	Waterbird distribution and abundance Survey; WFP2	03/12/2024	11:40	Meadow Pipit	4	improved agricultural grassland and upland blanket bog; flying, calling	EC
MP064	Waterbird distribution and abundance Survey; WFP4	03/12/2024	13:42	Meadow Pipit	3	upland blanket bog; flying, calling	EC
MP065	Waterbird distribution and abundance Survey; WFP1	18/12/2024	09:20	Meadow Pipit	2	improved agricultural grassland and upland blanket bog; flying, calling	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP066	Waterfowl Roost Survey; WFP4	18/12/2024	10:20	Meadow Pipit	1	upland blanket bog and improved agricultural grassland; flying, calling	EC
MP067	Waterbird distribution and abundance Survey; WFP4	18/12/2024	10:40	Meadow Pipit	2	upland blanket bog; flying, calling	EC
MP068	Waterbird distribution and abundance Survey; WFP4	18/12/2024	11:40	Meadow Pipit	1	upland blanket bog; flying, calling	EC
MP069	Hen Harrier Roost Survey; HHVP1	21/01/2025	17:02	Meadow Pipit	18	improved agricultural grassland and scrub; flying	LB
MP070	Waterbird distribution and abundance Survey; WFP1	04/03/2025	14:02	Meadow Pipit	4	improved agricultural grassland, scrub and heath; flying, calling	LB
MP071	Waterbird distribution and abundance Survey; WFP2	05/03/2025	13:17	Meadow Pipit	1	improved agricultural grassland and heath; displaying	LB
MP072	Waterbird distribution and abundance Survey; WFP2	05/03/2025	13:17	Meadow Pipit	4	improved agricultural grassland and scrub; flushed	LB
MP073	Hen Harrier Roost Survey; HHVP5	05/03/2025	18:22	Meadow Pipit	1	scrub and treelines; perched on tree	LB
MP074	Waterbird distribution and abundance Survey; WFP1	18/03/2025	14:31	Meadow Pipit	2	bogs and semi-natural grassland; flying	LB
MP075	Waterbird distribution and abundance Survey; WFP2	20/03/2025	13:59	Meadow Pipit	8	improved agricultural grassland and wet grassland; flying, calling	LB
MP076	Waterbird distribution and abundance Survey; WFP4	20/03/2025	15:59	Meadow Pipit	3	bogs, wet grassland and scrub; flying	LB

Red grouse

Table 7 - 4 - 35 Red grouse vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RG001	VP6	07/12/2022	12:12	Red Grouse	4	15	15	0	0	0	improved grassland; flying, foraging	BJ

Table 7 - 4 - 36 Red grouse winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RG001	15/11/2022	12:05	Red Grouse	1	upland blanket bog; flying (wintering)	EC
RG002	15/11/2022	12:07	Red Grouse	1	upland blanket bog; flying (wintering)	EC
RG003	16/11/2022	13:47	Red Grouse	3	upland blanket bog; flying (wintering)	EC
RG004	22/10/2024	13:17	Red Grouse	1	wet grassland and conifer plantation; flushed (wintering)	DM
RG005	22/10/2024	13:30	Red Grouse	1	wet grassland and conifer plantation; flushed (wintering)	DM
RG006	21/01/2025	13:09	Red Grouse	1	heath and grassland and marsh; singing, heard not seen (wintering)	LB

Redwing

Table 7 - 4 - 37 Redwing vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RE001	VP3	06/12/2022	07:25	Redwing	1	-	-	-	-	-	not recorded; present	EC
RE002	VP3	06/12/2022	07:25	Redwing	1	-	-	-	-	-	not recorded; foraging	EC
RE003	VP3	06/12/2022	07:25	Redwing	1	-	-	-	-	-	not recorded; foraging	EC
RE004	VP3	06/12/2022	09:39	Redwing	10	60	0	60	0	0	improved agricultural grassland; flying	EC
RE005	VP1	07/12/2022	11:28	Redwing	15	60	0	60	0	0	bogs and conifer plantation; flying	EC
RE006	VP2	08/12/2022	12:03	Redwing	10	180	180	0	0	0	improved agricultural grassland; flying, flying and landing in holly trees	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RE007	VP3	10/01/2023	11:20	Redwing	1	-	-	-	-	-	not recorded; flitting	EC
RE008	VP3	10/01/2023	11:20	Redwing	1	-	-	-	-	-	not recorded; foraging	EC
RE009	VP3	10/01/2023	15:46	Redwing	10	180	180	0	0	0	conifer plantation and improved agricultural grassland; flying, with fieldfares-flying in/out of conifers around farmhouse/buildings	EC
RE010	VP8	16/01/2023	13:17	Redwing	25	-	-	-	-	-	improved agricultural grassland; foraging	BJ
RE011	VP7	31/01/2023	10:30	Redwing	1	-	-	-	-	-	not recorded; foraging	JM
RE012	VP7	27/02/2023	08:00	Redwing	1	-	-	-	-	-	upland blanket bog; present	JM
RE013	VP8	28/02/2023	08:00	Redwing	1	-	-	-	-	-	upland blanket bog; present	JM
RE014	VP2	28/10/2023	13:38	Redwing	28	20	0	0	20	0	improved grassland and conifer plantation; flying	AR
RE015	VP4	22/12/2023	16:01	Redwing	4	5	5	0	0	0	improved grassland and hedgerows; flying, landed	AR
RE016	VP3	27/12/2023	16:07	Redwing	19	10	0	0	10	0	conifer plantation and bogs; flying	AR
RE017	VP5	29/12/2023	12:10	Redwing	36	20	0	20	0	0	improved grassland and hedgerows; flying	AR
RE018	VP5	29/12/2023	16:02	Redwing	60	10	0	10	0	0	improved grassland; flying	AR
RE019	VP4	24/01/2024	08:10	Redwing	42	20	0	20	0	0	improved grassland; flying	AR
RE020	VP4	15/02/2024	13:07	Redwing	1	-	-	-	-	-	improved grassland; calling, not seen	TKS
RE021	VP4	15/02/2024	16:55	Redwing	2	-	-	-	-	-	improved grassland; perched	TKS

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RE022	VP7	26/11/2024	15:43	Redwing	1	-	-	-	-	-	wet grassland; calling	DM
RE023	VP8	27/11/2024	11:34	Redwing	1	30	0	30	0	0	improved agricultural grassland and wet grassland; flying, amongst flock of fieldfare	DM
RE024	VP8	27/11/2024	12:30	Redwing	5	30	15	15	0	0	improved agricultural grassland; flying	DM
RE025	VP8	27/11/2024	12:44	Redwing	5	20	20	0	0	0	improved agricultural grassland and wet grassland; flying	DM
RE026	VP5	03/12/2024	13:37	Redwing	1	-	-	-	-	-	improved agricultural grassland; calling	DM
RE027	VP2	27/01/2025	11:43	Redwing	10	15	0	15	0	0	semi-natural grassland; flying	SA
RE028	VP3	28/01/2025	08:52	Redwing	3	6	6	0	0	0	semi-natural grassland; flying	SA
RE029	VP8	04/02/2025	12:05	Redwing	2	-	-	-	-	-	treelines and improved agricultural grassland; perched in tree, with flock of starlings	LB
RE030	VP8	04/02/2025	15:54	Redwing	15	-	-	-	-	-	improved agricultural grassland; foraging	LB

Table 7 - 4 - 38 Redwing winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RE001	20/10/2022	08:45	Redwing	1	bogs; present (wintering)	EC
RE002	20/10/2022	11:23	Redwing	20	upland blanket bog and conifer plantation; flying (wintering)	EC
RE003	20/01/2023	11:52	Redwing	5	improved agricultural grassland; flying, with fieldfare-small numbers this winter compared to fieldfare (wintering)	EC
RE004	19/10/2023	17:02	Redwing	1	improved agricultural grassland; flying (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RE005	05/12/2023	12:20	Redwing	1	wet grassland and improved agricultural grassland; calling (wintering)	TKS
RE006	05/12/2023	13:10	Redwing	5	scrub and improved grassland; perched (wintering)	TKS
RE007	18/01/2024	13:16	Redwing	7	improved agricultural grassland; flying and calling, foraging in hawthorn (wintering)	EC
RE008	26/03/2024	19:29	Redwing	1	conifer plantation; perched (wintering)	TKS
RE009	21/10/2024	08:57	Redwing	5	improved agricultural grassland; flying, perching (wintering)	DM

Table 7 - 4 - 39 Redwing incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RE001	Chough Survey; BR4	26/10/2022	18:04	Redwing	50	upland blanket bog; flying	EC
RE002	Hen Harrier Roost Survey; HHVP1	20/12/2022	09:49	Redwing	1	improved agricultural grassland; flying, perching	BJ
RE003	Waterbird distribution and abundance Survey; Kealkill	21/12/2022	12:58	Redwing	15	improved agricultural grassland; flying, mixed flock with fieldfares	EC
RE004	Winter Walkover Survey; after hhvp4 by road	13/12/2023	13:55	Redwing	10	improved grassland; flying	TKS
RE005	Waterbird distribution and abundance Survey; Path to WFP2	08/02/2024	14:25	Redwing	25	improved grassland; flying, perched	TK
RE006	Waterbird distribution and abundance Survey; WFP4	18/12/2024	11:45	Redwing	30	improved agricultural grassland; flying, roosting in trees	EC
RE007	Vantage Point Survey; VP4	19/12/2024	10:45	Redwing	13	improved agricultural grassland; foraging, flushed	DM
RE008	Vantage Point Survey; VP5	25/01/2025	09:35	Redwing	15	semi-natural grassland and conifer plantation; flying, moved from vp tab. outside viewshed	SA

Ring ouzel

Table 7 - 4 - 40 Ring ouzel vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RZ001	VP8	28/04/2022	09:09	Ring Ouzel	1	25	5	1	19	0	improved agricultural grassland and scrub; migrating, adult male	CC

Snipe

Table 7 - 4 - 41 Snipe vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN002	VP6	18/11/2022	11:00	Snipe	2	10	10	0	0	0	improved agricultural grassland; flushed	BJ
SN003	VP8	06/12/2022	07:40	Snipe	1	-	-	-	-	-	semi-natural grassland; calling, not seen	BJ
SN004	VP5	14/03/2023	19:28	Snipe	1	30	30	0	0	0	upland blanket bog; flying, calling, appeared to land in bog	EC
SN005	VP4	07/09/2023	08:23	Snipe	1	30	0	0	30	0	improved agricultural grassland and upland blanket bog; flying, calling	EC
SN006	VP7	01/11/2023	07:45	Snipe	1	30	0	30	0	0	conifer plantation and upland blanket bog; flying	EC
SN007	VP5	09/11/2023	07:25	Snipe	1	30	30	0	0	0	upland blanket bog; flying, calling	EC
SN008	VP7	26/02/2024	13:12	Snipe	1	3	3	0	0	0	bogs and wet grassland; flushed, saw me get up	TKS
SN009	VP7	26/02/2024	13:16	Snipe	1	5	5	0	0	0	bogs and wet grassland; flying, landing	TKS
SN010	VP7	26/02/2024	18:53	Snipe	1	-	-	-	-	-	bogs; calling, after dark, heard alarm call, not seen but could hear it flying around me	TKS
SN011	VP8	23/03/2024	06:07	Snipe	1	5	0	5	0	0	improved grassland and hedgerows; flying	AR

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN012	VP3	08/10/2024	18:56	Snipe	1	41	11	30	0	0	improved grassland; flying, calling	CR
SN013	VP3	08/10/2024	19:37	Snipe	1	-	-	-	-	-	improved grassland; calling	CR
SN014	VP5	15/10/2024	18:11	Snipe	1	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, calling, heard and seen briefly	EC
SN015	VP4	16/10/2024	18:44	Snipe	1	30	15	15	0	0	upland blanket bog and improved agricultural grassland; flying	EC
SN016	VP3	11/12/2024	17:10	Snipe	1	-	-	-	-	-	improved grassland; calling	CR
SN017	VP3	11/12/2024	17:15	Snipe	1	-	-	-	-	-	improved grassland; calling	CR
SN018	VP7	27/02/2025	18:51	Snipe	1	-	-	-	-	-	bogs; calling	CR
SN019	VP4	10/03/2025	19:06	Snipe	1	-	-	-	-	-	bogs; calling	CR

Table 7 - 4 - 42 Snipe winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	20/10/2022	08:45	Snipe	1	bogs; present (wintering)	EC
SN002	20/10/2022	13:21	Snipe	2	improved agricultural grassland; flying (wintering)	EC
SN003	21/10/2022	08:50	Snipe	15	bogs; present, abundant (15+) (wintering)	EC
SN004	21/10/2022	08:50	Snipe	7	bogs; present, abundant (7+) (wintering)	EC
SN005	21/10/2022	11:28	Snipe	1	upland blanket bog; flying (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN006	21/10/2022	12:26	Snipe	2	upland blanket bog; flying (wintering)	EC
SN007	25/10/2022	14:32	Snipe	1	upland blanket bog; flying (wintering)	EC
SN008	09/11/2022	11:37	Snipe	6	upland blanket bog; flying (wintering)	EC
SN009	09/11/2022	13:03	Snipe	2	upland blanket bog; flying (wintering)	EC
SN010	09/01/2023	12:41	Snipe	1	upland blanket bog; flying (wintering)	EC
SN011	13/01/2023	11:39	Snipe	1	upland blanket bog; flying, flushed from sheep track (wintering)	EC
SN012	17/10/2023	16:48	Snipe	1	improved agricultural grassland; flying (wintering)	EC
SN013	18/10/2023	16:46	Snipe	3	upland blanket bog; flying (wintering)	EC
SN014	18/10/2023	16:49	Snipe	2	bogs and conifer plantation; flying (wintering)	TKS
SN015	19/10/2023	17:00	Snipe	2	upland blanket bog; flying (wintering)	EC
SN016	19/10/2023	17:08	Snipe	4	bogs and improved grassland; flying (wintering)	TKS
SN017	12/12/2023	13:25	Snipe	2	improved agricultural grassland, wet grassland and bogs; calling and flying, flushed both (wintering)	TKS
SN018	13/12/2023	13:15	Snipe	1	bogs and improved grassland; calling and flying (wintering)	TKS
SN019	13/12/2023	13:30	Snipe	1	improved grassland and bogs; flying and calling (wintering)	TKS
SN020	14/12/2023	13:30	Snipe	1	bogs; calling and flying, flushed (wintering)	TKS
SN021	03/01/2024	14:08	Snipe	1	upland blanket bog; flying and calling (wintering)	EC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN022	21/10/2024	13:55	Snipe	1	wet grassland; flushed (wintering)	DM
SN023	22/01/2025	14:40	Snipe	1	wet grassland; flushed (wintering)	LB
SN024	22/01/2025	14:40	Snipe	2	wet grassland; flushed (wintering)	LB
SN025	11/02/2025	16:25	Snipe	1	bogs and wet grassland; flushed, alarm calls (wintering)	LB

Table 7 - 4 - 43 Snipe breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	14/04/2022	10:20	Snipe	2	bogs; flushed (suitable nesting habitat; possible breeder)	BJ
SN002	01/06/2022	08:42	Snipe	1	dry-humid acid grassland; flushed, alarm calling (agitated behaviour; probable breeding)	CC
SN003	17/04/2024	15:16	Snipe	1	bogs; flying, calling (suitable nesting habitat; possible breeder)	CR
SN004	17/04/2024	19:11	Snipe	1	improved grassland and highly modified/non-native woodland; flying (suitable nesting habitat; possible breeder)	CR

Table 7 - 4 - 44 Snipe waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	Kealkill	09/12/2022	11:44	Snipe	1	upland blanket bog; flying	EC
SN002	Kealkill	09/12/2022	12:46	Snipe	3	improved agricultural grassland; flying, flew from drainage ditch	EC
SN003	WFP1	08/02/2023	13:01	Snipe	2	upland blanket bog; flying, calling	EC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN004	Lough Carrignaneane	24/02/2023	10:58	Snipe	3	upland blanket bog; flying	EC
SN005	Lough Carrignaneane	22/03/2023	11:41	Snipe	1	upland blanket bog; flying, calling	EC
SN006	Lough Carrignaneane	22/03/2023	11:50	Snipe	1	upland blanket bog; flying, calling	EC
SN007	WFP2	12/10/2023	15:00	Snipe	20	bogs and improved grassland; flying over	TKS
SN008	WFP5	04/12/2023	12:17	Snipe	1	improved agricultural grassland; flushed from field, adult	JM
SN009	WFP4	25/01/2024	10:52	Snipe	1	upland blanket bog; flushed	LB
SN010	WFP4	25/01/2024	10:53	Snipe	1	upland blanket bog; flushed	LB
SN011	towards WFP4	07/02/2024	14:30	Snipe	1	bogs; flushed	TKS
SN012	towards WFP4	07/02/2024	14:40	Snipe	1	bogs; flushed	TKS
SN013	return from WFP4	07/02/2024	15:00	Snipe	1	bogs; flushed	TKS
SN014	WFP1	21/02/2024	14:07	Snipe	1	bogs, improved grassland and wet grassland; flushed, flying, calling	TKS
SN015	WFP4	18/12/2024	11:41	Snipe	1	upland blanket bog; roosting	EC
SN016	WFP4	05/03/2025	15:31	Snipe	1	bogs and wet grassland; flushed	LB
SN017	WFP4	20/03/2025	16:00	Snipe	1	exposed rock, semi-natural grassland and heath; flushed	LB
SN018	WFP4	20/03/2025	16:00	Snipe	1	bogs and wet grassland; flushed	LB
SN019	WFP4	16/04/2024	15:09	Snipe	1	bogs; flying, calling	CR

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN020	WFP4	03/10/2024	15:30	Snipe	1	bogs; calling	CR
SN021	WFP4	18/10/2024	12:09	Snipe	3	bogs; flying	CR
SN022	WFP4	05/11/2024	16:10	Snipe	1	bogs; flying	CR
SN023	WFP2	22/11/2024	11:20	Snipe	1	improved grassland; flying	CR
SN024	WFP4	14/01/2025	14:40	Snipe	1	bogs; flying	CR
SN025	WFP4	14/01/2025	15:25	Snipe	1	bogs; flying	CR
SN026	WFP4	14/02/2025	11:58	Snipe	1	improved grassland; flushed	CR

Table 7 - 4 - 45 Snipe incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	Vantage Point Survey; VP6	07/12/2022	08:07	Snipe	2	improved agricultural grassland; flushed	BJ
SN002	Waterbird distribution and abundance Survey; WFP4	25/10/2023	12:19	Snipe	1	upland blanket bog; flushed, seen while walking back from wfp4	LB
SN003	Chough Survey; Kealkill	03/11/2023	17:53	Snipe	1	improved agricultural grassland and scrub; heard calling, not seen	RT
SN004	Hen Harrier Roost Survey; HHVP4	28/02/2025	18:58	Snipe	1	bogs; calling	CR
SN005	Hen Harrier Roost Survey; HHVP1	18/03/2025	19:20	Snipe	1	bogs; calling	CR

Stock dove

Table 7 - 4 - 46 Stock dove vantage point data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SD001	VP8	03/06/2022	15:38	Stock Dove	1	35	35	0	0	0	improved agricultural grassland; flying, possible breeding	CC
SD002	VP3	04/11/2022	13:00	Stock Dove	2	-	-	-	-	-	buildings and artificial surfaces and improved agricultural grassland; perching on barn roof	BJ

Table 7 - 4 - 47 Stock dove winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SD001	21/10/2024	09:06	Stock Dove	4	improved agricultural grassland; flying, perching (wintering)	DM

Table 7 - 4 - 48 Stock dove breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SD001	11/08/2022	08:35	Stock Dove	2	improved agricultural grassland; flying (flyover; non-breeding)	CC

Swift

Table 7 - 4 - 49 Swift vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SI001	VP7	17/07/2022	08:19	Swift	3	38	0	10	28	0	improved agricultural grassland; flying	CC

Table 7 - 4 - 50 Swift breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SI001	30/04/2022	07:11	Swift	1	improved agricultural grassland; flying (migrating; non-breeding)	CC
SI002	18/06/2024	12:49	Swift	1	improved agricultural grassland; flying, more than likely feeding (flyover; non-breeding)	LB
SI003	19/06/2024	11:55	Swift	2	improved agricultural grassland; flying, more than likely feeding (flyover; non-breeding)	LB

Woodcock

Table 7 - 4 - 51 Woodcock vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
WK001	VP5	14/03/2023	13:43	Woodcock	1	60	0	0	60	0	conifer plantation; flying	EC
WK002	VP5	09/11/2023	07:23	Woodcock	1	30	30	0	0	0	upland blanket bog and woodland and scrub; flying	EC

Table 7 - 4 - 52 Woodcock winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
WK001	05/12/2023	12:05	Woodcock	2	improved grassland; flushed (wintering)	TKS
WK002	05/12/2023	13:25	Woodcock	1	conifer plantation and bogs; flushed (wintering)	TKS
WK003	21/03/2024	15:25	Woodcock	1	conifer plantation; perched, flushed (wintering)	TKS
WK004	27/03/2024	17:00	Woodcock	1	improved grassland; flushed (wintering)	TKS
WK005	21/01/2025	14:49	Woodcock	1	grassland and marsh, treelines and mixed broadleaved/conifer woodland; flushed (wintering)	LB

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
WK006	21/01/2025	14:50	Woodcock	1	mixed broadleaved/conifer woodland and grassland and marsh; flushed (wintering)	LB

Table 7 - 4 - 53 Woodcock incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WK001	Chough Survey; Kealkill	03/11/2023	17:40	Woodcock	1	improved agricultural grassland and scrub; flying and flew to ground	RT
WK002	Hen Harrier Roost Survey; HHVP3	21/02/2024	09:09	Woodcock	3	scrub; flying, brief flights before landing. total number of birds seen before sunrise	LB

Buzzard

Table 7 - 4 - 54 Buzzard vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ001	VP8	28/04/2022	11:22	Buzzard	1	212	0	0	212	0	upland blanket bog and conifer plantation; mobbed by hooded crow, circling	CC
BZ003	VP8	04/05/2022	16:59	Buzzard	1	112	0	30	82	0	improved agricultural grassland; circling	CC
BZ004	VP8	15/05/2022	10:31	Buzzard	2	295	0	101	194	0	conifer plantation; soaring	CC
BZ005	VP6	20/06/2022	13:38	Buzzard	1	10	10	0	0	0	buildings and artificial surfaces, improved agricultural grassland and linear woodland/scrub; perching on lamppost then flew to tree	BJ
BZ006	VP6	20/06/2022	14:16	Buzzard	1	25	0	0	20	5	heath and semi-natural grassland; flying, mobbed	BJ
BZ007	VP1	06/07/2022	13:18	Buzzard	1	95	0	0	65	30	improved agricultural grassland, conifer plantation and heath; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ008	VP2	12/07/2022	10:46	Buzzard	1	65	20	20	25	0	recently-felled woodland; flying, perching	BJ
BZ009	VP6	13/07/2022	13:52	Buzzard	2	250	0	0	100	150	improved agricultural grassland, linear woodland/scrub and buildings and artificial surfaces; flying	BJ
BZ010	VP6	13/07/2022	15:13	Buzzard	1	20	20	0	0	0	improved grassland and heath; perching, flying	BJ
BZ011	VP6	13/07/2022	15:19	Buzzard	1	115	0	0	65	50	improved agricultural grassland and conifer plantation; flying	BJ
BZ012	VP1	14/07/2022	11:35	Buzzard	1	120	120	0	0	0	upland blanket bog and conifer plantation; soaring, soaring along the ridge	EC
BZ013	VP8	14/07/2022	17:33	Buzzard	1	77	0	0	77	0	not recorded; soaring, foraging, to c. 150m	CC
BZ014	VP7	17/07/2022	08:33	Buzzard	1	139	0	0	139	0	conifer plantation, improved agricultural grassland and dry-humid acid grassland; soaring, foraging	CC
BZ015	VP5	20/07/2022	14:03	Buzzard	1	30	0	30	0	0	improved agricultural grassland, heath and linear woodland/scrub; flying	BJ
BZ016	VP5	20/07/2022	14:08	Buzzard	1	90	0	0	70	20	semi-natural grassland and heath; flying, mobbed, upland	BJ
BZ017	VP3	26/07/2022	11:45	Buzzard	1	120	0	0	0	120	conifer plantation; soaring	EC
BZ018	VP2	09/08/2022	11:20	Buzzard	1	10	10	0	0	0	scrub/transitional woodland, improved agricultural grassland and mixed broadleaved woodland; perched, flying, perched in tree then flew into broadleaved stand	BJ
BZ019	VP2	09/08/2022	12:55	Buzzard	1	90	0	0	0	90	highly modified/non-native woodland, semi-natural grassland and improved agricultural grassland; flying	BJ
BZ020	VP2	09/08/2022	13:55	Buzzard	2	90	0	0	30	60	conifer plantation and heath; flying, upland	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ021	VP6	10/08/2022	09:58	Buzzard	1	5	5	0	0	0	linear woodland/scrub and heath; flying, perching, perched on fence, flew to electricity poll	BJ
BZ022	VP7	11/08/2022	11:06	Buzzard	1	388	0	0	388	0	improved agricultural grassland and conifer plantation; foraging, soaring, to max 130m	CC
BZ023	VP5	16/08/2022	10:22	Buzzard	1	110	0	10	90	10	conifer plantation, recently-felled woodland and semi-natural grassland; flying, mobbed by sparrowhawk	BJ
BZ024	VP5	16/08/2022	14:27	Buzzard	1	60	10	50	0	0	dry calcareous and neutral grassland and improved grassland; flying	BJ
BZ025	VP4	17/08/2022	15:27	Buzzard	1	30	30	0	0	0	improved agricultural grassland and immature woodland; flying, mobbed	BJ
BZ026	VP5	23/08/2022	10:59	Buzzard	1	20	0	0	20	0	improved agricultural grassland; flying, mobbed by hooded crow	BJ
BZ027	VP5	23/08/2022	11:31	Buzzard	1	-	-	-	-	-	semi-natural grassland and heath; perching, perched on lamppost	BJ
BZ028	VP2	23/08/2022	14:06	Buzzard	1	-	-	-	-	-	conifer plantation; perched on tree top	BJ
BZ029	VP2	23/08/2022	14:36	Buzzard	1	5	5	0	0	0	linear woodland/scrub; flying, flying from tree to tree	BJ
BZ030	VP8	02/09/2022	09:03	Buzzard	1	65	65	0	0	0	improved agricultural grassland; flying low	CC
BZ031	VP3	15/09/2022	18:58	Buzzard	1	50	50	0	0	0	improved agricultural grassland, semi-natural grassland and linear woodland/scrub; flying, mobbed	BJ
BZ032	VP6	16/09/2022	12:37	Buzzard	1	90	2	3	45	40	semi-natural grassland, heath and improved agricultural grassland; flying	BJ
BZ033	VP4	20/09/2022	12:23	Buzzard	2	120	0	0	0	120	heath, semi-natural grassland and improved agricultural grassland; flying, soaring	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ034	VP2	28/09/2022	10:23	Buzzard	1	30	30	0	0	0	semi-natural grassland, buildings and artificial surfaces and heath; hunting, flying, foraging in field for c.30 mins before flight	BJ
BZ035	VP2	28/09/2022	11:00	Buzzard	1	20	20	0	0	0	improved agricultural grassland and linear woodland/scrub; flying, flying between posts	BJ
BZ036	VP1	05/10/2022	10:27	Buzzard	2	120	10	10	100	0	improved grassland, bogs and conifer plantation; flying, mobbed, flew out of sight	BJ
BZ037	VP3	04/11/2022	14:03	Buzzard	1	200	200	0	0	0	bogs; flying, hunting, mobbed	BJ
BZ038	VP6	18/11/2022	14:59	Buzzard	1	120	100	20	0	0	improved agricultural grassland and linear woodland/scrub; flying, mobbed	BJ
BZ039	VP1	07/12/2022	11:26	Buzzard	1	30	0	0	30	0	improved agricultural grassland and conifer plantation; flying, chased by 3 hooded crows	EC
BZ040	VP2	08/12/2022	10:28	Buzzard	1	30	0	30	0	0	improved agricultural grassland and conifer plantation; flying	EC
BZ041	VP7	28/02/2023	08:35	Buzzard	1	120	0	0	120	0	conifer plantation; soaring high over forestry, adult	JM
BZ042	VP7	04/04/2023	10:42	Buzzard	1	100	0	0	100	0	upland blanket bog; flying north, soaring	JM
BZ043	VP2	12/04/2023	11:43	Buzzard	1	105	0	0	105	0	conifer plantation; soaring , adult	JM
BZ044	VP2	25/05/2023	16:22	Buzzard	1	240	0	0	240	0	conifer plantation and upland blanket bog; circling, calling	CMC
BZ045	VP1	14/07/2023	13:59	Buzzard	1	30	0	30	0	0	improved agricultural grassland; flying	EC
BZ047	VP1	30/08/2023	11:35	Buzzard	1	60	0	60	0	0	upland blanket bog; flying along ridge	EC
BZ048	VP8	21/09/2023	12:27	Buzzard	1	515	0	0	0	515	conifer plantation; soaring	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ049	VP1	22/09/2023	12:44	Buzzard	2	180	0	0	180	0	upland blanket bog and conifer plantation; flying, soaring, mobbed by ravens	EC
BZ050	VP3	26/09/2023	12:27	Buzzard	1	180	0	8	180	0	improved agricultural grassland; flying, soaring, hovering, mobbed by corvids	EC
BZ051	VP7	27/10/2023	13:18	Buzzard	1	20	0	0	20	0	not recorded; soaring	AR
BZ052	VP4	30/10/2023	14:17	Buzzard	1	5	0	5	0	0	conifer plantation; flying	AR
BZ053	VP2	08/11/2023	08:25	Buzzard	1	-	-	-	-	-	improved agricultural grassland and wet grassland; calling, not seen	TKS
BZ054	VP2	30/01/2024	13:03	Buzzard	1	40	40	0	0	0	upland blanket bog; hunting	AR
BZ055	VP3	31/01/2024	12:26	Buzzard	1	20	0	0	20	0	conifer plantation; flying	AR
BZ056	VP3	26/03/2024	07:10	Buzzard	1	10	0	10	0	0	conifer plantation; flying	AR
BZ057	VP3	26/03/2024	09:26	Buzzard	1	5	0	5	0	0	conifer plantation; flying	AR
BZ058	VP4	24/04/2024	15:14	Buzzard	1	330	0	0	330	0	conifer plantation; soaring, adult	JM
BZ059	VP8	27/04/2024	17:03	Buzzard	1	52	0	0	52	0	conifer plantation and improved agricultural grassland; soaring, adult	JM
BZ060	VP7	16/06/2024	15:00	Buzzard	1	80	10	40	30	0	wet heath; hunting	TS
BZ061	VP7	16/06/2024	15:45	Buzzard	1	320	0	20	300	0	wet heath; hunting	TS
BZ062	VP3	24/06/2024	15:00	Buzzard	1	520	120	400	0	0	wet heath; hunting, perched	TS
BZ063	VP5	10/07/2024	09:32	Buzzard	1	125	15	110	0	0	improved agricultural grassland and scrub; hunting, female. dopped, didn't see it take off	LB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ064	VP9	08/08/2024	10:41	Buzzard	1	-	-	-	-	-	conifer plantation; calling, heard not seen	LB
BZ065	VP9	03/09/2024	10:13	Buzzard	2	128	12	16	100	0	improved agricultural grassland, scrub and hedgerows; soaring, interacting with each other, suddenly dropped	LB
BZ066	VP5	11/09/2024	12:12	Buzzard	1	217	0	0	125	92	improved agricultural grassland, scrub and conifer plantation; soaring, calling, travelling, first seen behind viewshed soaring with 2 other buzzards	LB
BZ067	VP3	08/10/2024	16:49	Buzzard	1	-	-	-	-	-	improved grassland; resting	CR
BZ068	VP3	08/10/2024	18:00	Buzzard	1	102	0	0	73	29	bogs and improved grassland; flying	CR
BZ069	VP3	08/11/2024	12:59	Buzzard	1	120	0	60	60	0	improved agricultural grassland and upland blanket bog; flying, mobbed by hooded crows	EC
BZ070	VP2	28/11/2024	08:29	Buzzard	1	60	60	0	0	0	improved agricultural grassland and conifer plantation; flying	EC
BZ071	VP5	25/01/2025	12:49	Buzzard	2	320	0	0	320	0	semi-natural grassland; circling	SA
BZ072	VP8	26/01/2025	13:26	Buzzard	1	185	0	0	185	0	conifer plantation and improved agricultural grassland; soaring, hunting	TKY
BZ073	VP2	27/01/2025	12:18	Buzzard	1	30	0	30	0	0	conifer plantation and semi-natural grassland; flying, west to southeast. small size, most likely male	SA
BZ075	VP2	06/02/2025	17:10	Buzzard	1	180	0	0	0	180	bogs and conifer plantation; soaring	EC
BZ076	VP2	06/02/2025	17:57	Buzzard	1	120	0	120	0	0	conifer plantation, improved agricultural grassland and bogs; flying and hovering	EC

Table 7 - 4 - 55 Buzzard winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	28/01/2025	13:36	Buzzard	2	improved agricultural grassland and hedgerows; soaring, interacting, calling (wintering)	LB
BZ002	12/03/2025	16:43	Buzzard	1	bogs; perched (wintering)	CR
BZ003	13/03/2025	11:47	Buzzard	1	bogs and improved grassland; flying (wintering)	CR

Table 7 - 4 - 56 Buzzard breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	20/04/2022	11:40	Buzzard	2	bogs and conifer plantation; flying (flyover; non-breeding)	BJ
BZ002	04/05/2022	15:32	Buzzard	1	heath, highly modified/non-native woodland and improved grassland; flying (suitable nesting habitat; possible breeder)	BJ
BZ003	15/05/2022	07:46	Buzzard	1	upland blanket bog; soaring (suitable nesting habitat; possible breeder)	CC
BZ004	29/06/2022	13:02	Buzzard	2	semi-natural grassland and conifer plantation; flying, hunting (flyover; non-breeding)	BJ
BZ005	14/07/2022	11:52	Buzzard	1	improved agricultural grassland, dry-humid acid grassland and conifer plantation; foraging (suitable nesting habitat; possible breeder)	CC
BZ006	11/08/2022	10:19	Buzzard	2	improved agricultural grassland and dry-humid acid grassland; foraging, pair hunting over open ground (pair; probable breeding)	CC
BZ007	02/09/2022	10:46	Buzzard	1	improved agricultural grassland; soaring, foraging (not recorded)	CC
BZ008	20/04/2023	12:08	Buzzard	1	conifer plantation; soaring, adult (suitable nesting habitat; possible breeder)	JM
BZ009	26/04/2024	09:40	Buzzard	1	highly modified/non-native woodland; mobbed (suitable nesting habitat; possible breeder)	CR

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ010	23/05/2024	08:59	Buzzard	1	improved agricultural grassland; soaring, mobbed by hooded crow (flyover; non-breeding)	LB
BZ011	24/05/2024	12:04	Buzzard	2	conifer plantation; soaring (suitable nesting habitat; possible breeder)	LB
BZ012	18/06/2024	09:08	Buzzard	1	improved agricultural grassland and hedgerows; soaring (suitable nesting habitat; possible breeder)	LB
BZ013	18/06/2024	12:34	Buzzard	1	improved agricultural grassland and hedgerows; hunting (suitable nesting habitat; possible breeder)	LB
BZ014	19/06/2024	11:54	Buzzard	1	improved agricultural grassland and treelines; hunting, female (flyover; non-breeding)	LB
BZ015	04/07/2024	14:31	Buzzard	1	improved grassland; hunting (suitable nesting habitat; possible breeder)	CR

Table 7 - 4 - 57 Buzzard breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ001	BR1	04/05/2022	11:20	Buzzard	1	highly modified/non-native woodland, buildings and artificial surfaces and immature woodland, flying, mobbed by kestrel	suitable nesting habitat; possible breeder	BJ
BZ002	BR3	02/06/2022	16:02	Buzzard	1	highly modified/non-native woodland and recently-felled woodland, flying	suitable nesting habitat; possible breeder	BJ
BZ003	BR7	07/06/2022	12:42	Buzzard	1	heath, conifer plantation and semi-natural grassland, flying	flyover; non-breeding	BJ
BZ004	BR6	13/06/2022	15:50	Buzzard	2	conifer plantation, improved agricultural grassland and buildings and artificial surfaces, flying, circling	flyover; non-breeding	BJ
BZ005	BR4	30/06/2022	15:15	Buzzard	1	improved grassland and linear woodland/scrub, flying	suitable nesting habitat; possible breeder	BJ
BZ006	BR4	30/06/2022	16:57	Buzzard	1	mixed broadleaved/conifer woodland and scrub, flying/perched	suitable nesting habitat; possible breeder	BJ
BZ007	BR4	30/06/2022	17:06	Buzzard	1	mixed broadleaved/conifer woodland, flight	suitable nesting habitat; possible breeder	BJ

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ008	BR3	05/07/2022	12:05	Buzzard	1	improved grassland, highly modified/non-native woodland and heath, flying	flyover; non-breeding	BJ
BZ009	BR5	11/07/2022	11:43	Buzzard	1	conifer plantation and improved grassland, flying, mobbed by hooded crows	suitable nesting habitat; possible breeder	BJ
BZ010	BR6	05/05/2023	10:43	Buzzard	1	improved grassland, flying	flyover; non-breeding	AM
BZ011	BR4	10/05/2023	13:13	Buzzard	1	highly modified/non-native woodland, flying	flyover; non-breeding	AM
BZ012	BR8	25/05/2023	13:54	Buzzard	1	highly modified/non-native woodland, flying, landed in a tree out of sight, stayed for a few mins then started flying again	suitable nesting habitat; possible breeder	AM
BZ013	BR3	21/07/2023	09:37	Buzzard	1	conifer plantation and upland blanket bog, flying, perching on electricity poles/pylons	suitable nesting habitat; possible breeder	EC
BZ014	BR8	17/06/2024	19:55	Buzzard	1	conifer plantation and wet heath, perched	suitable nesting habitat; possible breeder	TS
BZ015	BR8	17/06/2024	20:55	Buzzard	1	wet heath, feeding, flew down onto post and consumed small prey	suitable nesting habitat; possible breeder	TS
BZ016	BR8	17/06/2024	21:55	Buzzard	2	wet heath and conifer plantation, circling, perched, pair seen perched together, likely a breeding territory	pair; probable breeding	TS
BZ017	BR8	17/06/2024	22:55	Buzzard	2	wet heath and scattered tress and parkland, hunting, circling, both birds flying and perching nearby, likely nesting nearby in conifer plantation	pair; probable breeding	TS
BZ018	BR7	01/07/2024	17:55	Buzzard	1	improved agricultural grassland, wet heath and wet grassland, circling	suitable nesting habitat; possible breeder	TS
BZ019	BR7	01/07/2024	18:55	Buzzard	1	wet heath, wet grassland and conifer plantation, hunting, circling	suitable nesting habitat; possible breeder	TS
BZ020	BR3	11/07/2024	10:28	Buzzard	1	conifer plantation and scrub, hunting	suitable nesting habitat; possible breeder	LB

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ021	BR6	17/07/2024	08:50	Buzzard	1	improved agricultural grassland, scrub and bogs, soaring, lost in clouds	flyover; non-breeding	LB
BZ022	BR6	17/07/2024	09:36	Buzzard	2	bogs and scrub, soaring	flyover; non-breeding	LB
BZ023	BR6	17/07/2024	09:55	Buzzard	1	improved agricultural grassland and hedgerows, travelling	flyover; non-breeding	LB
BZ024	BR1	17/07/2024	11:38	Buzzard	1	improved agricultural grassland and treelines, flying, perched, flew to tree and stayed perched for at least 5min. didn't see it take off	flyover; non-breeding	LB
BZ025	BR1	17/07/2024	13:00	Buzzard	1	bogs, scrub and conifer plantation, travelling, soaring, lost in clouds	suitable nesting habitat; possible breeder	LB

Table 7 - 4 - 58 Buzzard incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	Vantage Point Survey; VP1	14/07/2022	14:40	Buzzard	1	improved agricultural grassland; soaring , calling	EC
BZ002	Waterbird distribution and abundance Survey; Cahermuckee	12/08/2022	11:16	Buzzard	1	linear woodland/scrub and scrub/transitional woodland; flying	BJ
BZ003	Waterbird distribution and abundance Survey; WF3	12/08/2022	13:03	Buzzard	1	improved agricultural grassland; flying, hunting	BJ
BZ004	Wildfowl Distribution Survey; Lough Nabiree	23/09/2022	13:21	Buzzard	1	bogs, semi-natural grassland and linear woodland/scrub; flying, mobbed	BJ
BZ005	Hen Harrier Roost Survey; HHVP5	09/03/2023	17:23	Buzzard	1	bogs; soaring adult, adult soaring	JM
BZ006	Waterbird distribution and abundance Survey; near VP4	22/03/2023	11:45	Buzzard	1	conifer plantation; hovering/flying	EC
BZ007	Breeding Walkover Survey; Cahermoanteen	18/06/2024	09:04	Buzzard	1	bogs; soaring, seen while driving	LB
BZ008	Vantage Point Survey; Field near parking spot	24/06/2024	09:25	Buzzard	1	improved agricultural grassland; perched, travelling	TS

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ009	Vantage Point Survey; VP5	11/09/2024	12:10	Buzzard	2	improved agricultural grassland and scrub; soaring, calling, behind viewshed	LB
BZ010	Waterbird distribution and abundance Survey; WFP2	18/10/2024	08:37	Buzzard	1	improved grassland; flying	CR
BZ011	Vantage Point Survey; VP8	13/11/2024	13:39	Buzzard	1	improved agricultural grassland, hedgerows and treelines; travelling, seen after survey ended. mobbed by 2 hooded crow. ended perched in tree	LB
BZ012	Waterbird distribution and abundance Survey; WFP6	04/03/2025	14:58	Buzzard	2	amenity grassland (improved), watercourses and improved agricultural grassland; soaring, travelling	LB
BZ013	Waterbird distribution and abundance Survey; WFP4	05/03/2025	15:34	Buzzard	1	bogs, improved agricultural grassland and wet grassland; hunting, lost behind hill	LB
BZ014	Waterbird distribution and abundance Survey; Maughanaclea	20/03/2025	12:53	Buzzard	1	improved agricultural grassland and treelines; soaring, seen before survey started	LB
BZ015	Waterbird distribution and abundance Survey; Maughanaclea	20/03/2025	15:53	Buzzard	1	improved agricultural grassland; soaring	LB

Sparrowhawk

Table 7 - 4 - 59 Sparrowhawk vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH001	VP5	24/06/2022	15:14	Sparrowhawk	1	15	0	15	0	0	conifer plantation, mixed conifer woodland and improved agricultural grassland; flying	BJ
SH002	VP1	06/07/2022	10:34	Sparrowhawk	1	15	15	0	0	0	linear woodland/scrub, heath and improved agricultural grassland; flying, flying from hedgerow towards forestry	BJ
SH003	VP1	14/07/2022	11:35	Sparrowhawk	1	60	60	0	0	0	scrub, conifer plantation and scattered tress and parkland; flying, mobbed by swallows; carrying prey item	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH004	VP8	14/07/2022	15:42	Sparrowhawk	1	322	0	0	30	292	improved agricultural grassland; soaring, female type to 400m	CC
SH005	VP4	19/07/2022	12:29	Sparrowhawk	2	45	45	0	0	0	mixed broadleaved woodland; flying, perching, perching in trees and taking short flights	BJ
SH006	VP1	03/08/2022	11:09	Sparrowhawk	1	-	-	-	-	-	conifer plantation; perched in tree, c. 30 mins	BJ
SH007	VP1	03/08/2022	12:02	Sparrowhawk	1	10	10	0	0	0	semi-natural grassland, heath and semi-natural woodland; flying	BJ
SH008	VP1	03/08/2022	12:17	Sparrowhawk	1	20	10	10	0	0	semi-natural grassland and conifer plantation; flying, mobbed by other sparrowhawk when entering forestry	BJ
SH009	VP1	03/08/2022	12:19	Sparrowhawk	1	2	2	0	0	0	conifer plantation; flying, mobbed other sparrowhawk flying past	BJ
SH010	VP5	16/08/2022	10:25	Sparrowhawk	2	80	0	0	80	0	conifer plantation and recently-felled woodland; flying, mobbing buzzard	BJ
SH011	VP7	01/09/2022	07:18	Sparrowhawk	1	30	25	5	0	0	improved agricultural grassland and conifer plantation; foraging	CC
SH012	VP3	27/09/2022	11:48	Sparrowhawk	1	20	20	0	0	0	improved agricultural grassland and heath; flying, hunting	BJ
SH013	VP1	05/10/2022	07:58	Sparrowhawk	1	15	0	15	0	0	conifer plantation, improved agricultural grassland and semi-natural grassland; flying, flew from inside plantation	BJ
SH014	VP1	05/10/2022	08:24	Sparrowhawk	1	10	5	5	0	0	semi-natural grassland and scattered tress and parkland; flying, mobbed	BJ
SH015	VP1	05/10/2022	10:30	Sparrowhawk	1	-	-	-	-	-	conifer plantation; perching, perched in trees 30 mins plus	BJ
SH016	VP1	05/10/2022	11:26	Sparrowhawk	1	45	0	45	0	0	improved agricultural grassland, linear woodland/scrub and heath; flying, mobbed	BJ
SH017	VP5	14/10/2022	08:58	Sparrowhawk	1	10	10	0	0	0	improved grassland; flying	BJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH018	VP6	18/11/2022	16:04	Sparrowhawk	1	30	5	25	0	0	improved agricultural grassland and heath; flying, mobbed	BJ
SH019	VP5	01/12/2022	10:17	Sparrowhawk	1	10	10	0	0	0	improved grassland and linear woodland/scrub; flying	BJ
SH020	VP5	01/12/2022	13:01	Sparrowhawk	1	5	5	0	0	0	improved grassland and linear woodland/scrub; flying	BJ
SH021	VP8	06/12/2022	12:17	Sparrowhawk	1	250	100	100	50	0	improved grassland, linear woodland/scrub and heath; flying, perching	BJ
SH022	VP1	07/12/2022	09:45	Sparrowhawk	1	180	180	0	0	0	improved agricultural grassland and conifer plantation; flying, chasing fieldfare	EC
SH023	VP1	12/01/2023	13:17	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland; flying, female	EC
SH024	VP5	17/01/2023	13:40	Sparrowhawk	1	180	180	0	0	0	conifer plantation and upland blanket bog; flying, occasionally landed on fence posts	EC
SH025	VP2	23/03/2023	17:43	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, female	EC
SH026	VP2	12/04/2023	12:30	Sparrowhawk	1	36	0	36	0	0	upland blanket bog; hunting, female	JM
SH027	VP1	21/06/2023	08:37	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, mobbed by swallows	EC
SH028	VP5	17/08/2023	10:06	Sparrowhawk	1	60	0	60	0	0	improved agricultural grassland and conifer plantation; flying, mobbed by hirundinids & hooded crow	EC
SH029	VP5	17/08/2023	12:47	Sparrowhawk	1	30	30	0	0	0	upland blanket bog and improved agricultural grassland; flying, flew from bushes and chased by passerines	EC
SH030	VP2	05/09/2023	07:31	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, female	EC
SH031	VP4	07/09/2023	11:52	Sparrowhawk	1	120	0	0	120	7	upland blanket bog; flying, soaring, female-chasing meadow pipits	EC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH032	VP3	26/09/2023	10:28	Sparrowhawk	1	60	0	0	60	0	improved agricultural grassland and upland blanket bog; flying, soaring, mobbed by corvids	EC
SH033	VP7	27/10/2023	13:47	Sparrowhawk	1	10	10	0	0	0	not recorded; hunting	AR
SH034	VP8	29/10/2023	13:26	Sparrowhawk	1	10	0	0	10	0	conifer plantation; flying	AR
SH035	VP8	29/10/2023	15:21	Sparrowhawk	1	60	0	0	60	0	conifer plantation; soaring	AR
SH036	VP3	31/10/2023	15:43	Sparrowhawk	1	30	0	0	30	0	conifer plantation; soaring	AR
SH037	VP5	29/12/2023	14:16	Sparrowhawk	1	10	0	0	10	0	conifer plantation; flying	AR
SH038	VP5	26/01/2024	10:29	Sparrowhawk	1	40	40	0	0	0	conifer plantation; hunting, female	AR
SH039	VP3	31/01/2024	10:13	Sparrowhawk	1	20	0	0	20	0	conifer plantation; soaring	AR
SH040	VP7	18/03/2024	09:17	Sparrowhawk	1	5	0	5	0	0	conifer plantation; flying	AR
SH041	VP3	26/03/2024	10:31	Sparrowhawk	1	30	30	0	0	0	bogs and conifer plantation; flying	AR
SH042	VP9	30/04/2024	18:12	Sparrowhawk	1	234	0	70	164	0	bogs, wet grassland and scrub; travelling, soaring, large size, female	LB
SH043	VP5	13/06/2024	11:10	Sparrowhawk	1	20	20	0	0	0	recently-felled woodland and conifer plantation; hunting	TS
SH045	VP9	17/06/2024	15:41	Sparrowhawk	1	40	0	10	30	0	wet heath; circling	TS
SH046	VP4	09/07/2024	10:38	Sparrowhawk	1	96	0	25	71	0	improved agricultural grassland and hedgerows; travelling, probably juvenile, very pale underneath	LB
SH047	VP9	02/10/2024	18:53	Sparrowhawk	1	85	85	0	0	0	scrub; hunting, male. mobbed by song thrushes	LB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH048	VP2	23/10/2024	15:32	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland and upland blanket bog; flying, mobbed by magpie	EC
SH049	VP7	26/11/2024	17:03	Sparrowhawk	1	20	20	0	0	0	wet grassland; flying	DM
SH050	VP2	27/01/2025	10:21	Sparrowhawk	1	9	5	4	0	0	semi-natural grassland; hunting, adult female	SA
SH051	VP4	30/01/2025	09:46	Sparrowhawk	1	7	7	0	0	0	semi-natural grassland and bogs; hunting, male	SA
SH052	VP5	20/02/2025	15:11	Sparrowhawk	1	19	19	0	0	0	improved grassland and highly modified/non-native woodland; flying, male	CR
SH053	VP5	28/03/2025	11:02	Sparrowhawk	1	25	25	0	0	0	improved agricultural grassland and scrub; hunting	TKY
SH054	VP5	28/03/2025	11:56	Sparrowhawk	1	20	20	0	0	0	improved agricultural grassland and scrub; hunting	TKY

Table 7 - 4 - 60 Sparrowhawk winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	20/10/2022	11:21	Sparrowhawk	1	improved agricultural grassland; flying (wintering)	EC
SH002	13/01/2023	09:59	Sparrowhawk	2	conifer plantation; flying over conifers, presumably a potential breeding pair (wintering)	EC
SH003	02/03/2023	12:53	Sparrowhawk	1	conifer plantation; flying overhead (suitable nesting habitat; possible breeder)	EC
SH004	19/10/2023	17:09	Sparrowhawk	1	bogs; perched than flew (wintering)	TKS
SH005	18/10/2024	09:36	Sparrowhawk	2	improved agricultural grassland and dry-humid acid grassland; flying (wintering)	DM

Table 7 - 4 - 61 Sparrowhawk breeding walkover data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	29/06/2022	10:15	Sparrowhawk	1	conifer plantation and improved agricultural grassland; flying, flew out from trees when approaching (flyover; non-breeding)	BJ
SH002	14/07/2022	10:41	Sparrowhawk	1	improved agricultural grassland, dry-humid acid grassland and conifer plantation; foraging, juvenile male (suitable nesting habitat; possible breeder)	CC
SH003	17/07/2022	12:03	Sparrowhawk	1	improved agricultural grassland and conifer plantation; foraging (suitable nesting habitat; possible breeder)	CC
SH004	21/07/2022	11:11	Sparrowhawk	1	semi-natural grassland; flying, mobbing kestrel (suitable nesting habitat; possible breeder)	BJ
SH005	22/07/2022	09:57	Sparrowhawk	1	conifer plantation; flying, calling, emerged from trees on approach, calling and circling over head (suitable nesting habitat; possible breeder)	BJ
SH006	22/07/2022	10:18	Sparrowhawk	2	conifer plantation; flying, calling, juvenile and adult female (suitable nesting habitat; possible breeder)	BJ
SH007	22/07/2022	10:59	Sparrowhawk	1	conifer plantation; flying, carrying prey (suitable nesting habitat; possible breeder)	BJ
SH008	11/08/2022	06:55	Sparrowhawk	1	conifer plantation and improved agricultural grassland; foraging (suitable nesting habitat; possible breeder)	CC
SH009	17/04/2023	11:25	Sparrowhawk	1	conifer plantation; hunting, adult female (suitable nesting habitat; possible breeder)	JM
SH010	19/05/2023	13:31	Sparrowhawk	1	improved agricultural grassland; flying (suitable nesting habitat; possible breeder)	EC
SH011	19/06/2024	11:55	Sparrowhawk	1	treelines and improved agricultural grassland; travelling, male. mobbed by swallows (flyover; non-breeding)	LB

Table 7 - 4 - 62 Sparrowhawk breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH001	BR4	30/06/2022	15:17	Sparrowhawk	1	heath and buildings and artificial surfaces, flying, perching, flew out from bushes	flyover; non-breeding	BJ
SH002	BR6	21/04/2023	11:56	Sparrowhawk	1	mixed broadleaved woodland, flying, chased by corvids	suitable nesting habitat; possible breeder	EC

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH003	BR8	18/07/2023	12:50	Sparrowhawk	1	exposed rock, flying, mobbed by hooded crows	suitable nesting habitat; possible breeder	EC

Table 7 - 4 - 63 Sparrowhawk incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	Wildfowl Distribution Survey; Gortloughra	09/09/2022	10:30	Sparrowhawk	1	bogs and highly modified/non-native woodland; flying, flew into treeline	BJ
SH002	Hen Harrier Roost Survey; HHVP7	14/10/2022	19:01	Sparrowhawk	1	improved agricultural grassland; flying, male	EC
SH003	Hen Harrier Roost Survey; HHVP7	28/11/2022	16:48	Sparrowhawk	1	improved agricultural grassland and linear woodland/scrub; flying	BJ
SH004	Waterbird distribution and abundance Survey; near VP7	09/05/2023	13:12	Sparrowhawk	1	improved agricultural grassland; flew up from road with blackbird kill, male	EC
SH005	Waterbird distribution and abundance Survey; WFP2	02/11/2023	14:46	Sparrowhawk	1	improved agricultural grassland and upland blanket bog; travelling, seen while walking to wfp2	LB
SH006	Waterbird distribution and abundance Survey; CF1	28/03/2024	17:20	Sparrowhawk	1	improved agricultural grassland and upland blanket bog; flying	EC
SH007	Breeding Walkover Survey; Maughanaclea	26/07/2024	15:36	Sparrowhawk	1	improved grassland; flying	CR
SH008	Vantage Point Survey; VP7	26/11/2024	14:27	Sparrowhawk	1	improved agricultural grassland and hedgerows; flying, during break	DM

Little egret

Table 7 - 4 - 64 Little egret winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
ET001	21/10/2024	10:08	Little Egret	1	improved agricultural grassland; flying (wintering)	DM

Table 7 - 4 - 65 Little egret breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
ET001	30/04/2024	15:02	Little Egret	1	improved grassland; flying (flyover; non-breeding)	CR

White-tailed eagle

Table 7 - 4 - 66 White-tailed eagle vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
WE001	VP8	12/08/2022	10:23	White-tailed Eagle	1	368	0	0	0	368	not recorded; soaring, adult type, bearing very approximate igw07926011 behind maulavany hill c. 4-5km from vp, no tag seen but could have been missed.	CC

Whooper swan

Table 7 - 4 - 67 Whooper swan incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS001	Hen Harrier Roost Survey; 250m east of VP8	17/02/2023	16:42	Whooper Swan	10	upland blanket bog; small flock, flying south	JM
WS002	Hen Harrier Roost Survey; HHVP5	10/10/2024	19:09	Whooper Swan	10	upland blanket bog; travelling, probably going to a roost point out of view. lost in distance	LB

Barn owl

Table 7 - 4 - 68 Barn own vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BO001	VP5	20/02/2025	18:51	Barn Owl	1	9	9	0	0	0	improved grassland; flying, calling	CR

Table 7 - 4 - 69 Barn owl incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BO001	Vantage Point Survey; Maughanaclea	27/02/2025	19:38	Barn Owl	1	highly modified/non-native woodland; flying	CR

Long-eared owl

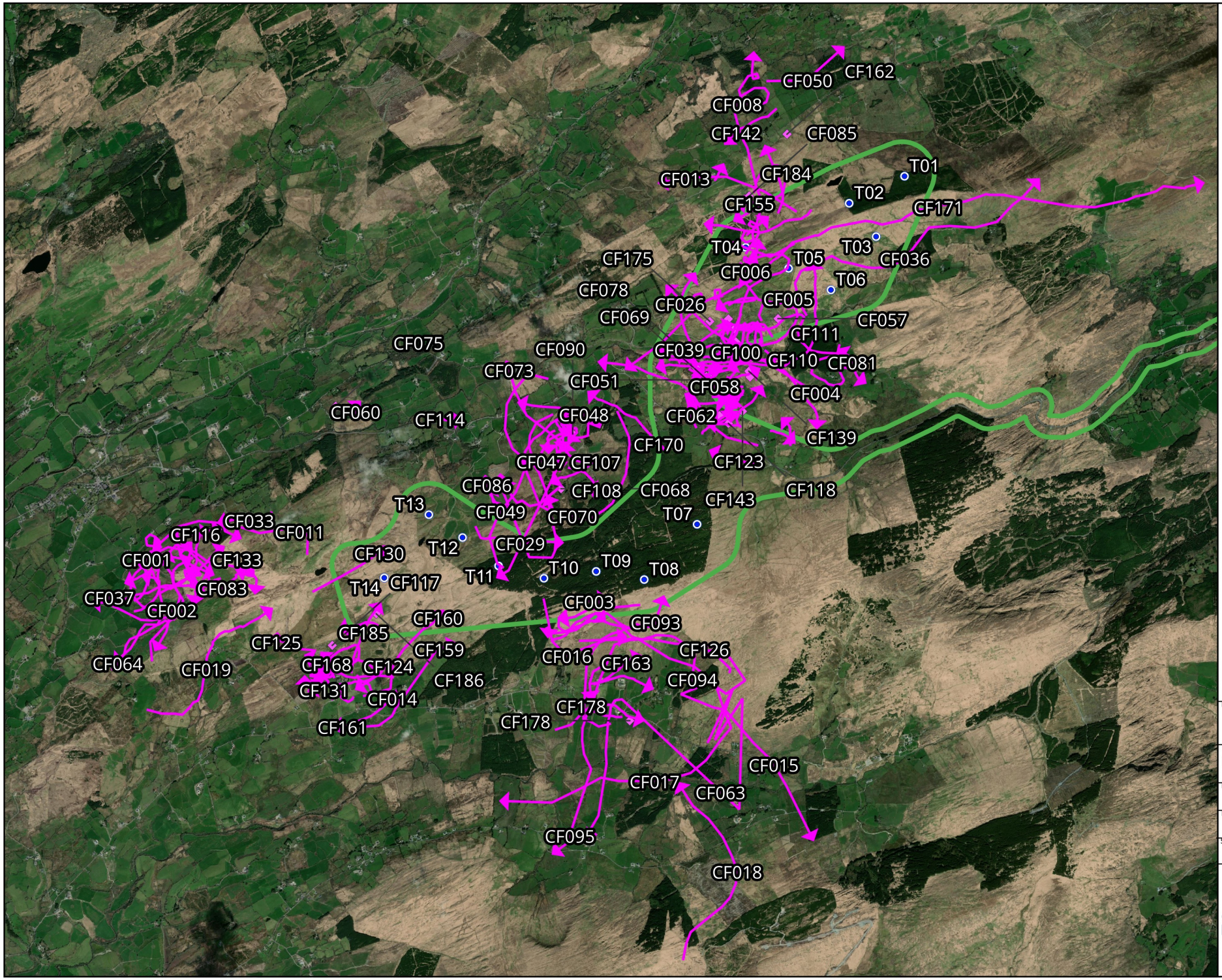
Table 7 - 4 - 70 Long-eared owl incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LE001	Chough Survey; CF4	20/02/2024	18:15	Long-eared Owl	1	improved grassland; calling, heard for only a few minutes, not seen, probably on its way to roost	TK

Merlin

Table 7 - 4 - 71 Merlin incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ML001	Vantage Point Survey; VP2	17/12/2024	10:44	Merlin	1	improved agricultural grassland; perching, flying, presumed merlin, seen from van before reaching vp	DM



Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Chough
Vantage Point Survey

Project Title: Maughanaclea Renewable Energy Development	
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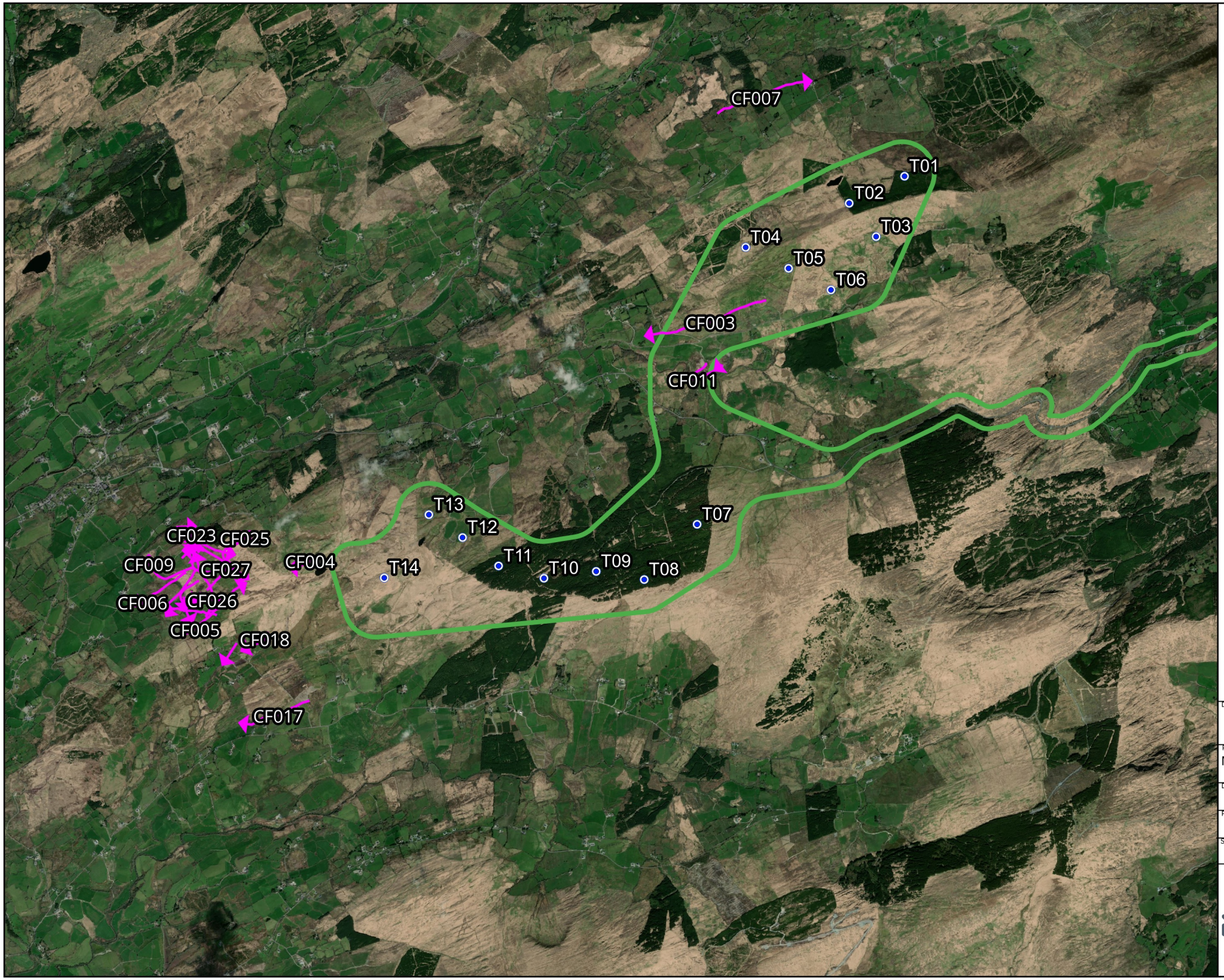

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Chough
Winter Walkover Survey

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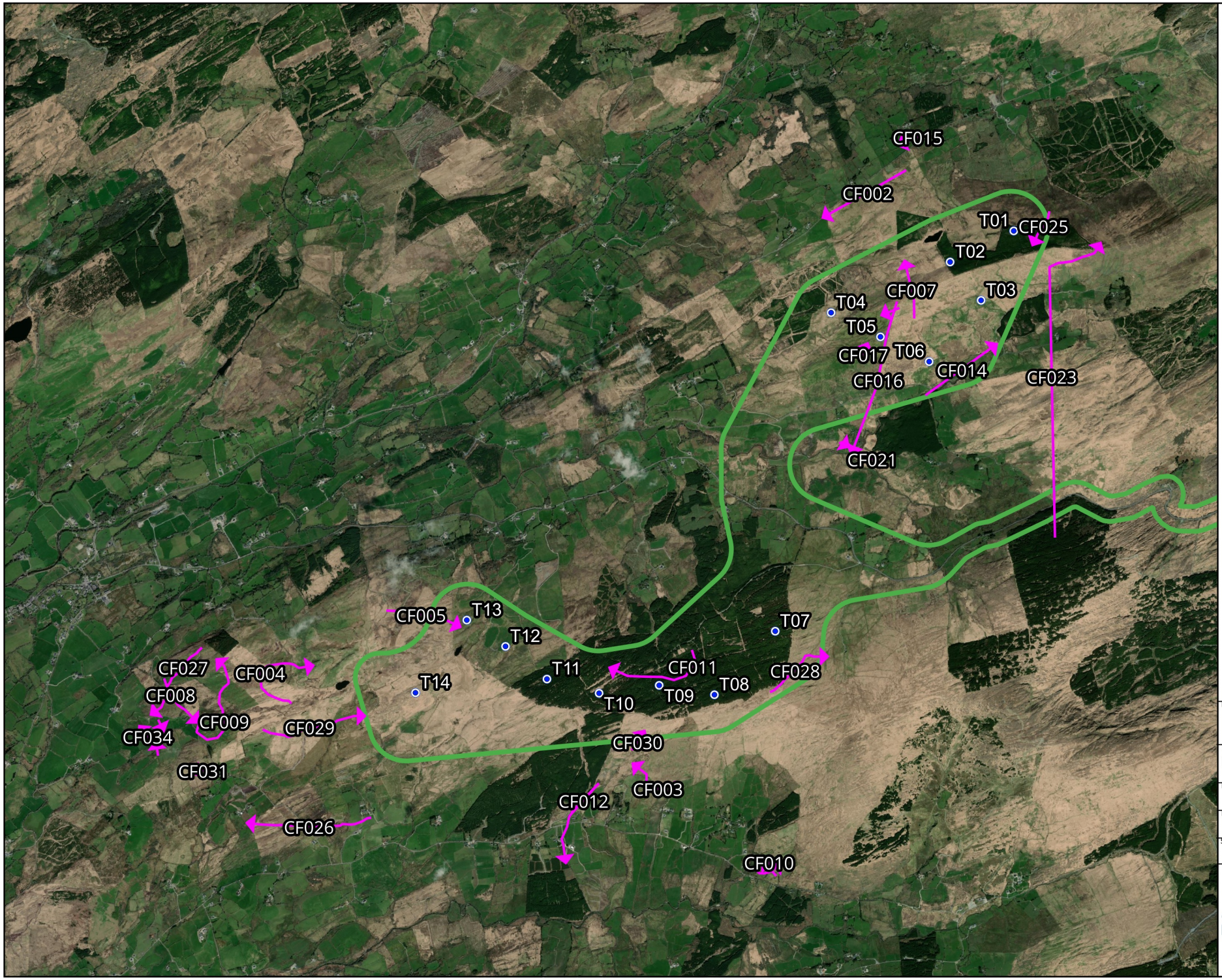

Map Legend

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- Proposed turbines
- Bird record

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Drawing Title

Chough
Breeding Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
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Scale	Date
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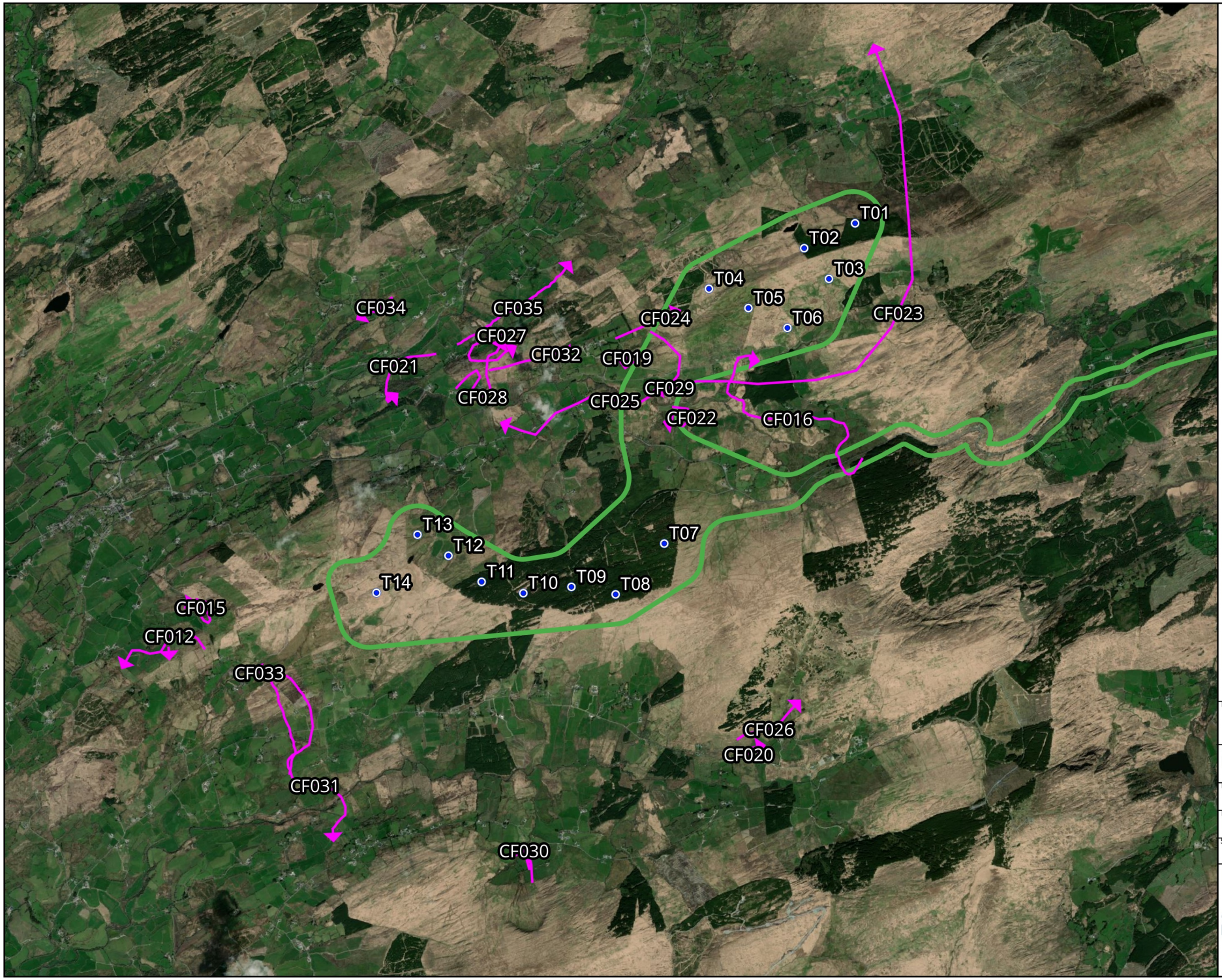

Map Legend

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- Proposed turbines
- Bird record

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Drawing Title

Chough
Breeding Raptor and Chough Survey

Project Title

Maughanaclea Renewable Energy Development

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240225	Fig. 7-4-4
Scale	Date
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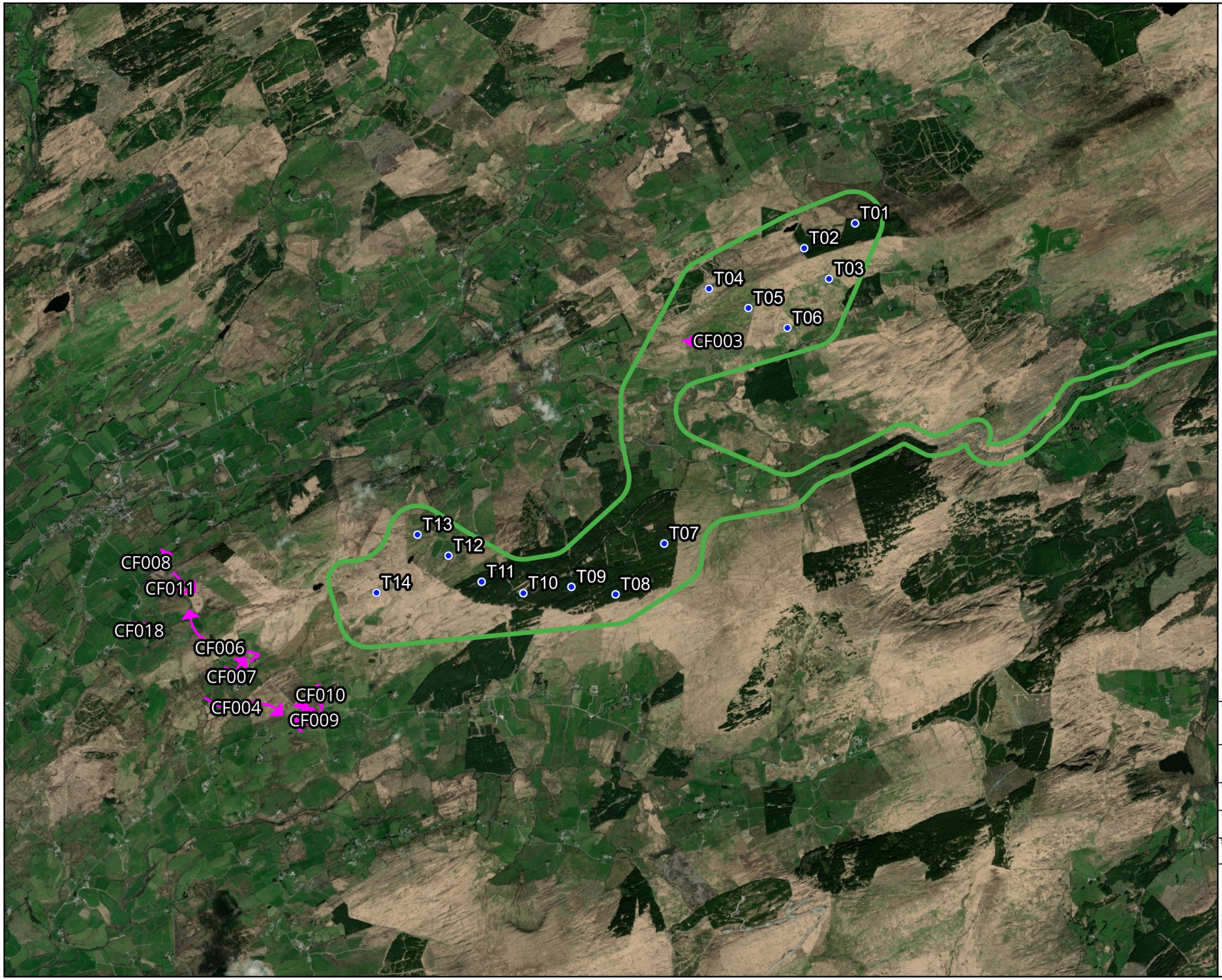

Map Legend

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- Bird record

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Drawing Title

Chough
Chough Roost Survey

Project Title

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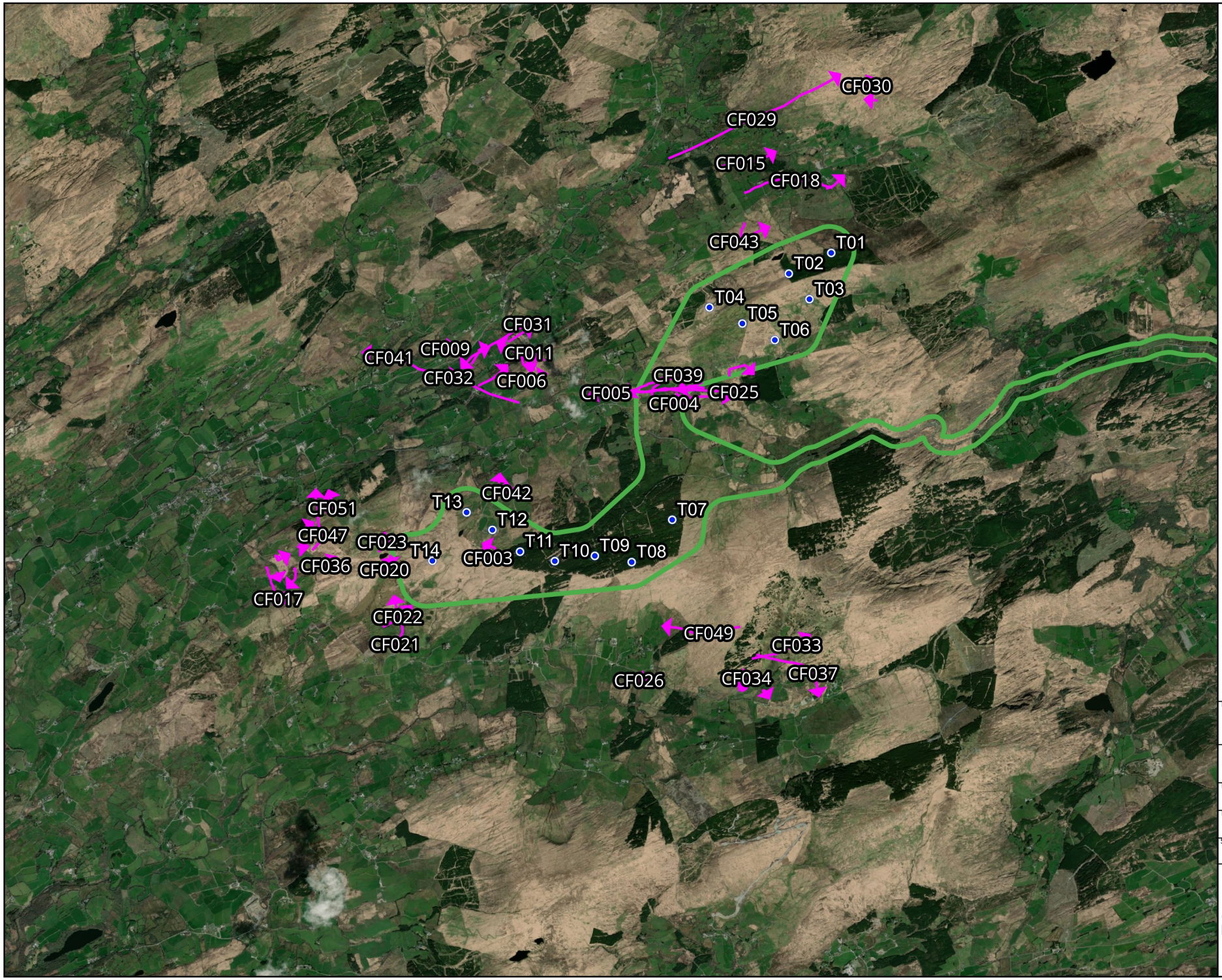

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Chough
Incidental Records

Project Title	
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Map Legend

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Drawing Title

Golden Plover
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
240225	Fig. 7-4-7
Scale	Date
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Map Legend

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- Proposed turbines
- Bird record

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Drawing Title

Golden Plover
Winter Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
240225	Fig. 7-4-8
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Golden Plover
Incidental Records

Project Title

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Scale	Date
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Map Legend

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- Proposed turbines
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Drawing Title

Goshawk
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
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Scale	Date
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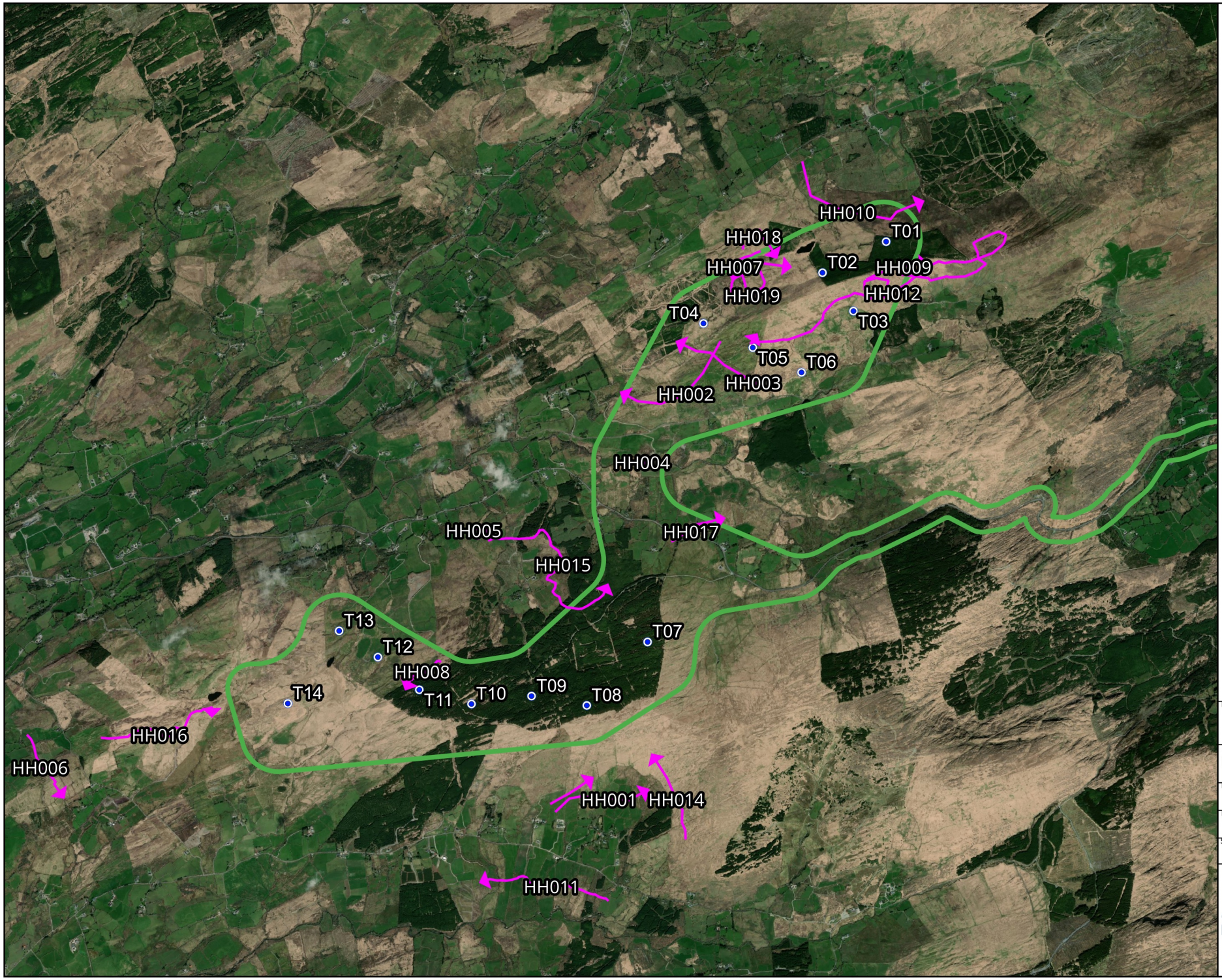

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Hen Harrier
Vantage Point Observations

Project Title	Maughanaclea Renewable Energy Development
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Project No.: 240225	Drawing No.: Fig. 7-4-11
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Map Legend

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Drawing Title

Hen Harrier
Winter Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
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Scale	Date
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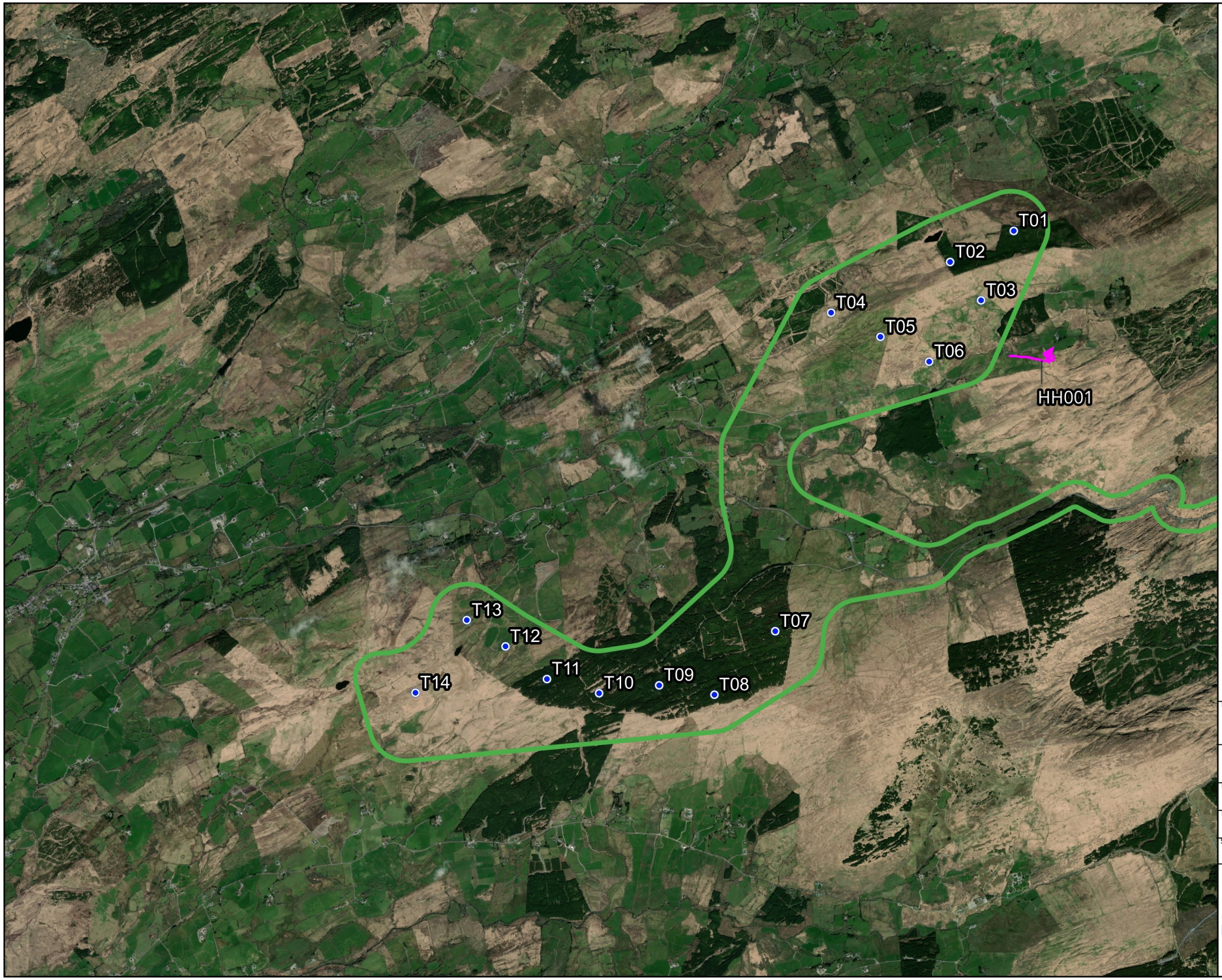

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Hen Harrier
Breeding Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
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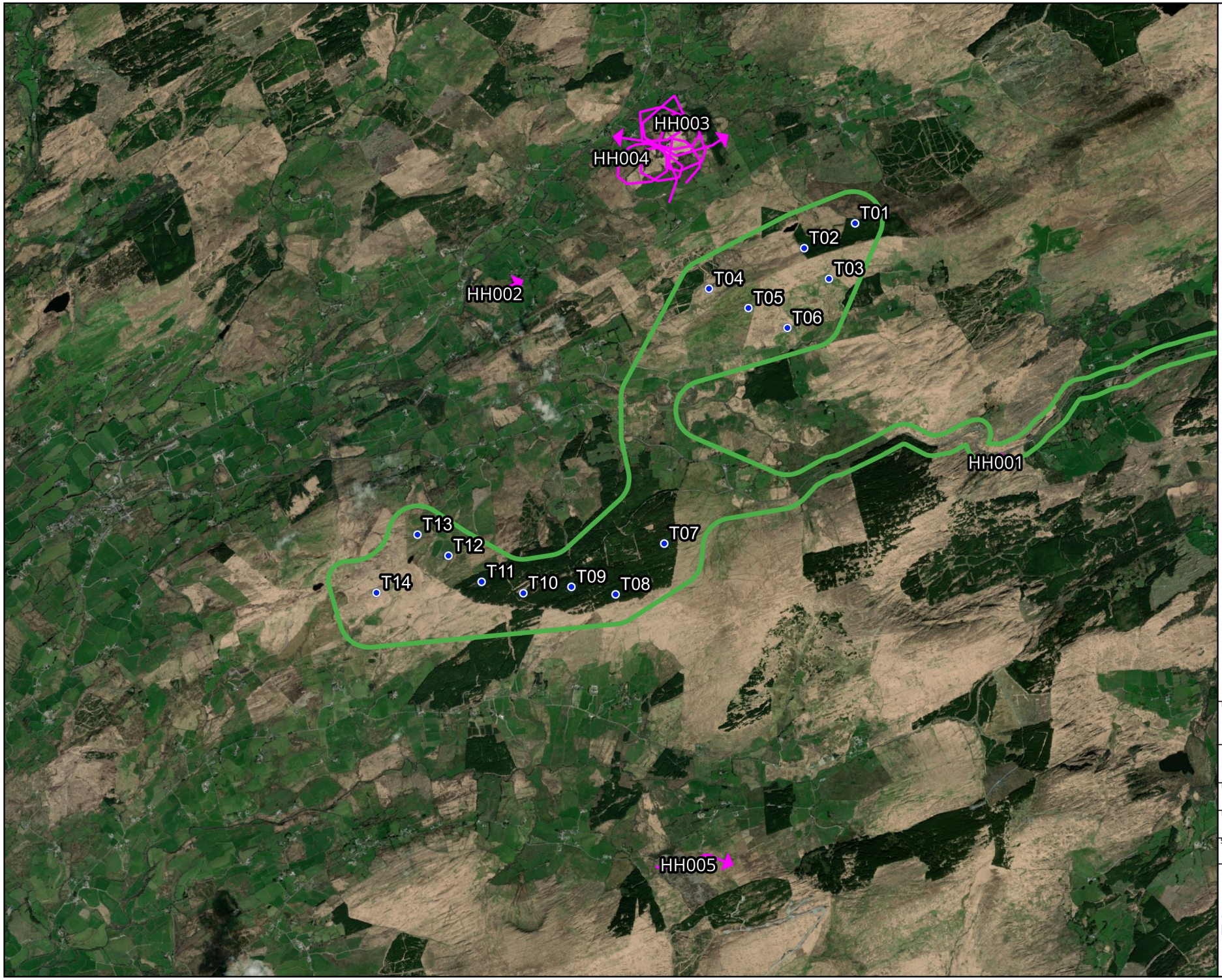

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Hen Harrier
Hen Harrier Roost Survey

Project Title	
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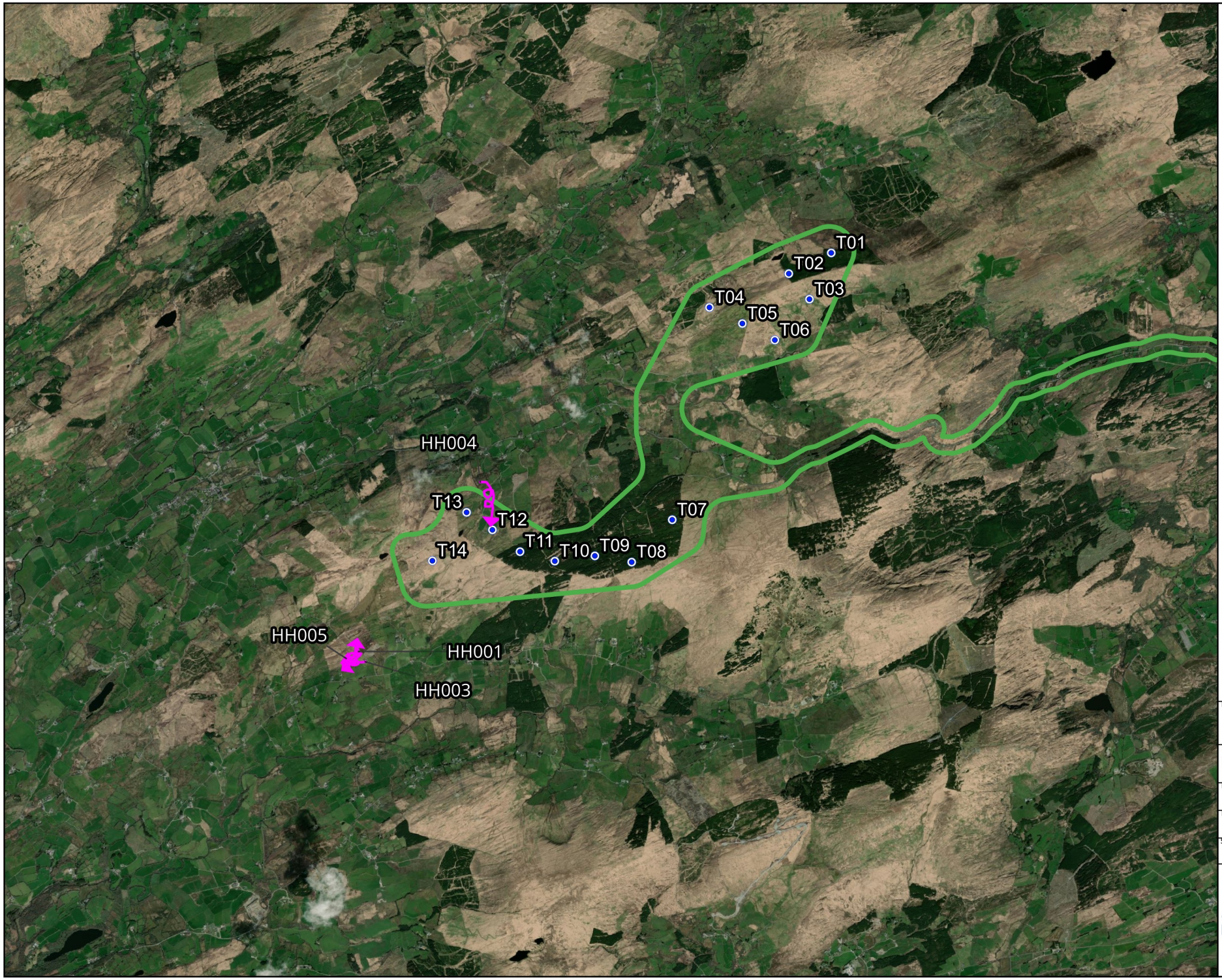

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Hen Harrierl
Incidental Records

Project Title	Maughanaclea Renewable Energy Development
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Project No.: 240225	Drawing No.: Fig. 7-4-15
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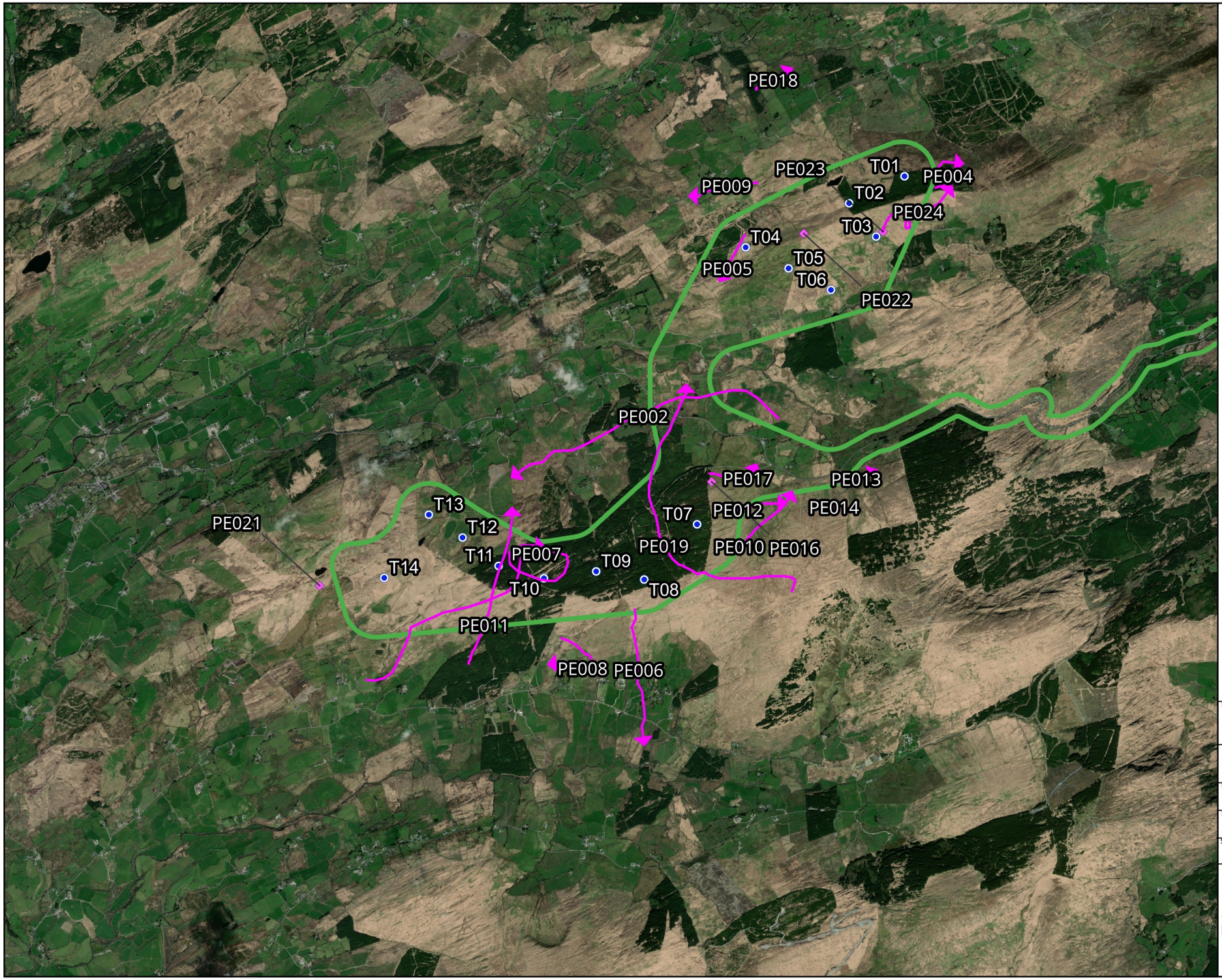

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Peregrine Falcon
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
240225	Fig. 7-4-16
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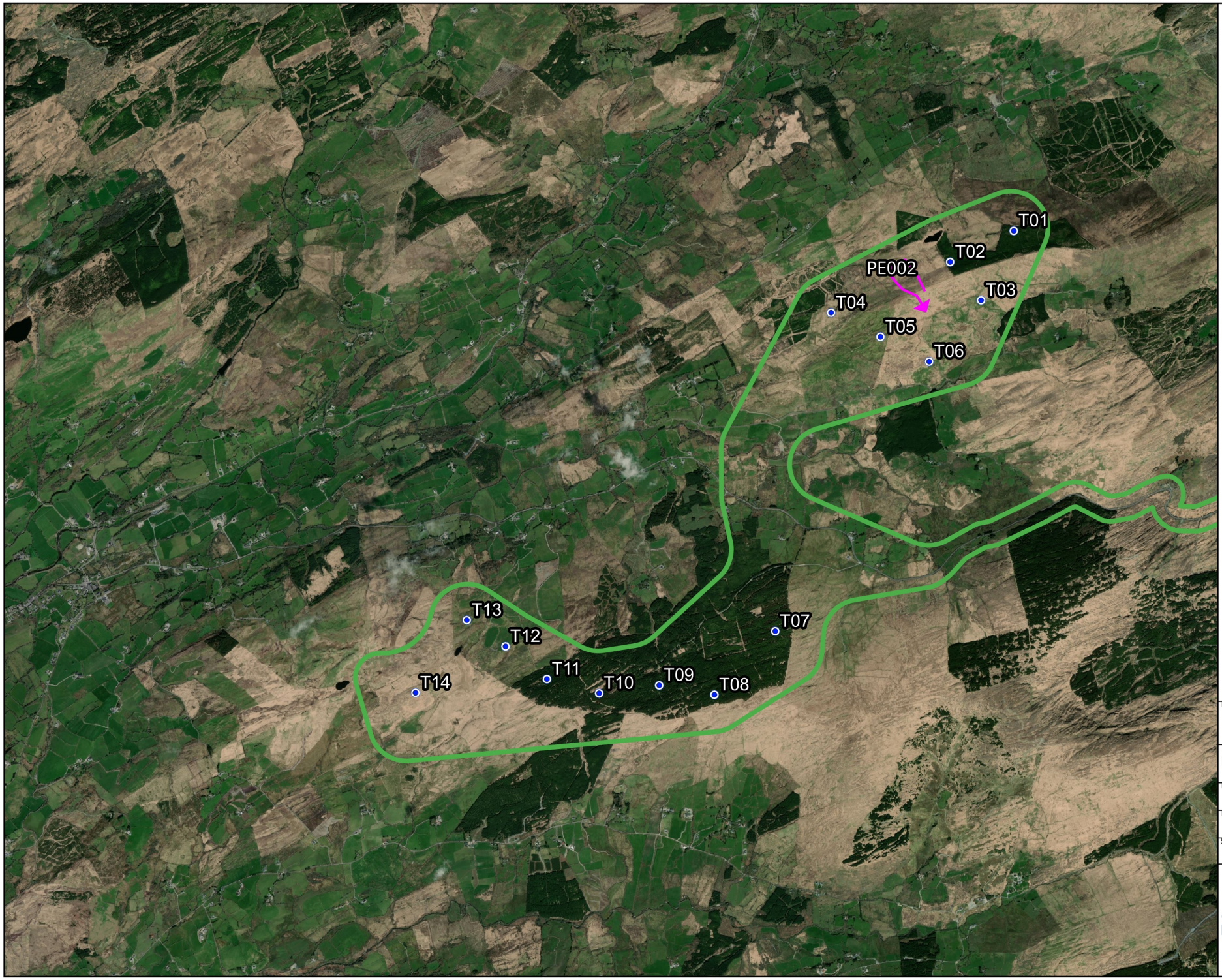

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Peregrine Falcon
Breeding Walkover Survey

Project Title	
Maughanaclea Renewable Energy Development	
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Peregrine Falcon
Breeding Raptor Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
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Project No.	Drawing No.
240225	Fig. 7-4-18
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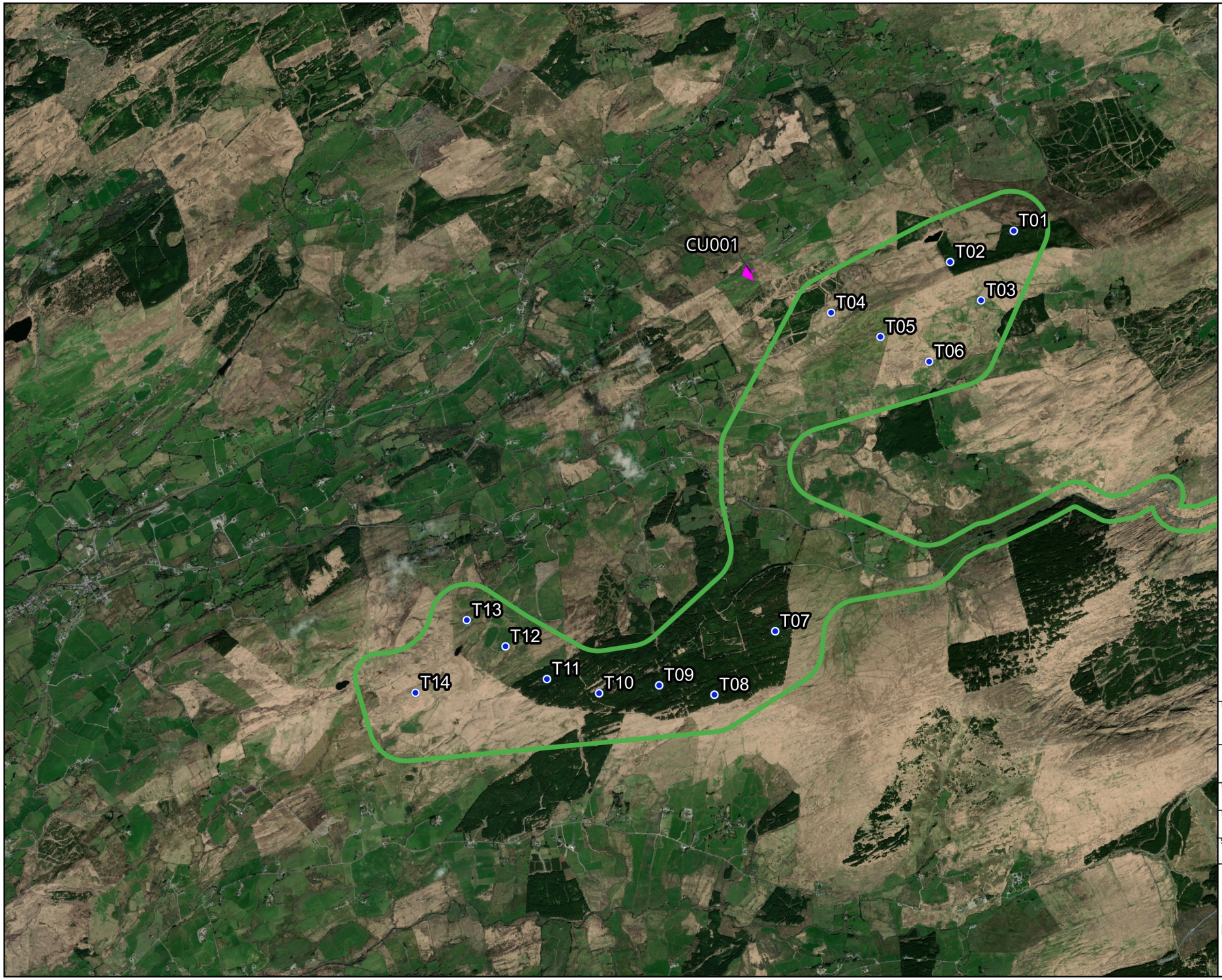

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Curlew
Breeding Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
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Project No.: 240225	Drawing No.: Fig. 7-4-19
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Map Legend

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- Proposed turbines
- Bird record

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Drawing Title
Goldeneye
Waterbird Distribution and Abunance Survey

Project Title
Maughanaclea Renewable Energy Development

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Project No.	Drawing No.
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Grey Wagtail
Vantage Point Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-21
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Map Legend

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- Proposed turbines
- Bird record

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Drawing Title

Grey Wagtail
Winter Walkover Survey

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-22
Scale: 1:46,000	Date: 11.03.2026

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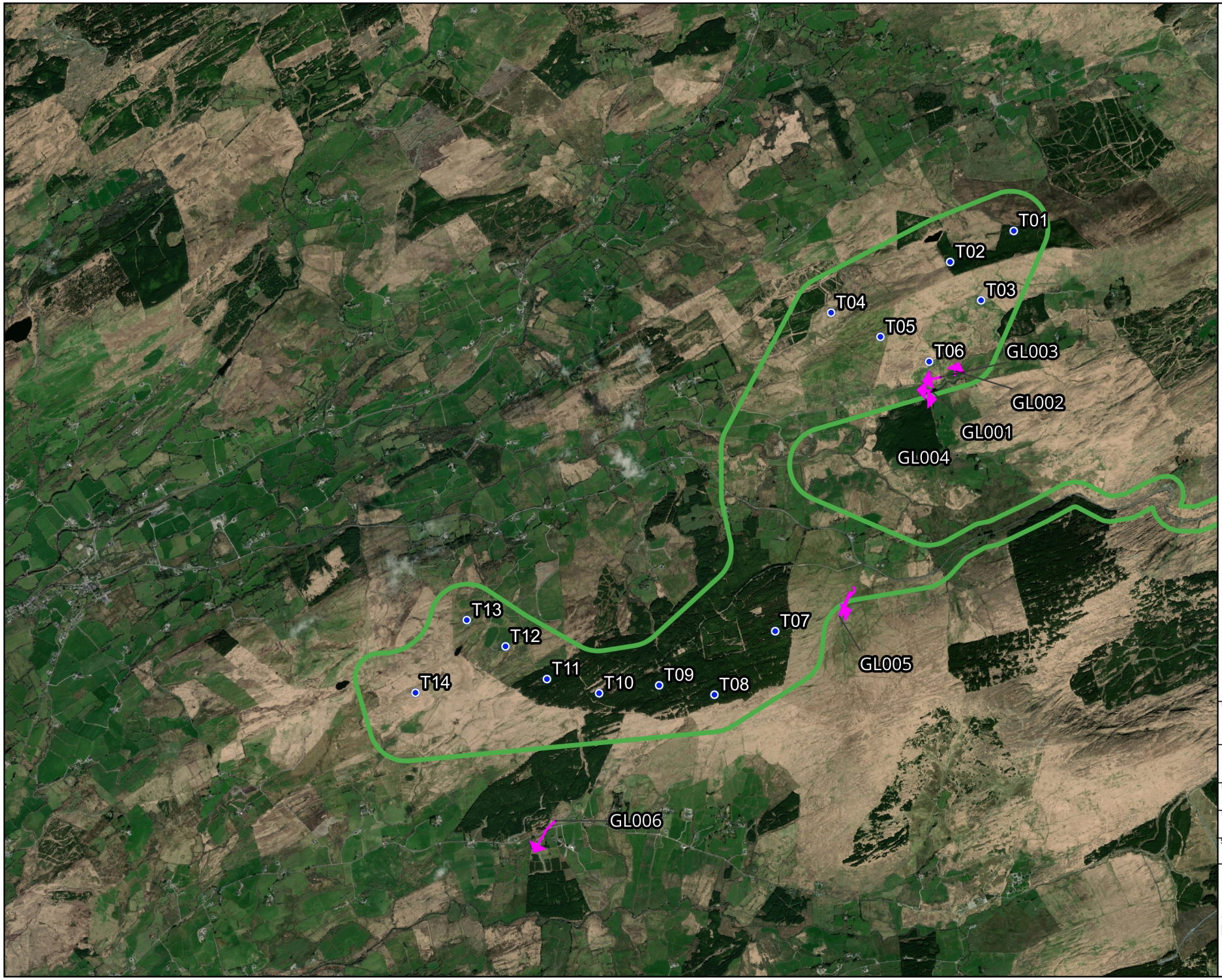

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Grey Wagtail
Breeding Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

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Map Legend

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- Proposed turbines
- Bird record

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Drawing Title
Grey Wagtail
Waterbird Distribution and Abundance Survey

Project Title
Maughanaclea Renewable Energy Development

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240225	Fig. 7-4-24
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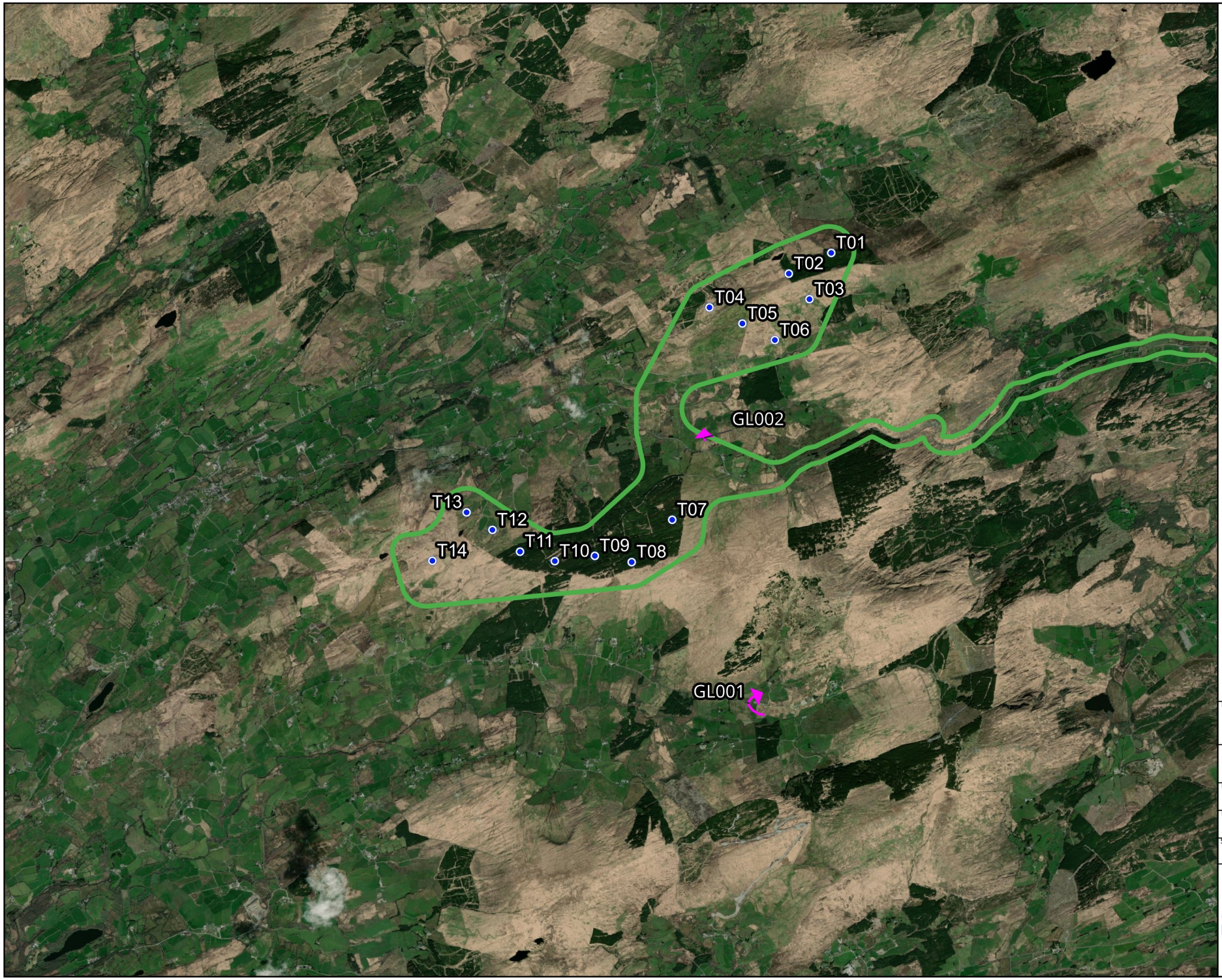

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Grey Wagtail
Incidental Records

Project Title	Maughanaclea Renewable Energy Development
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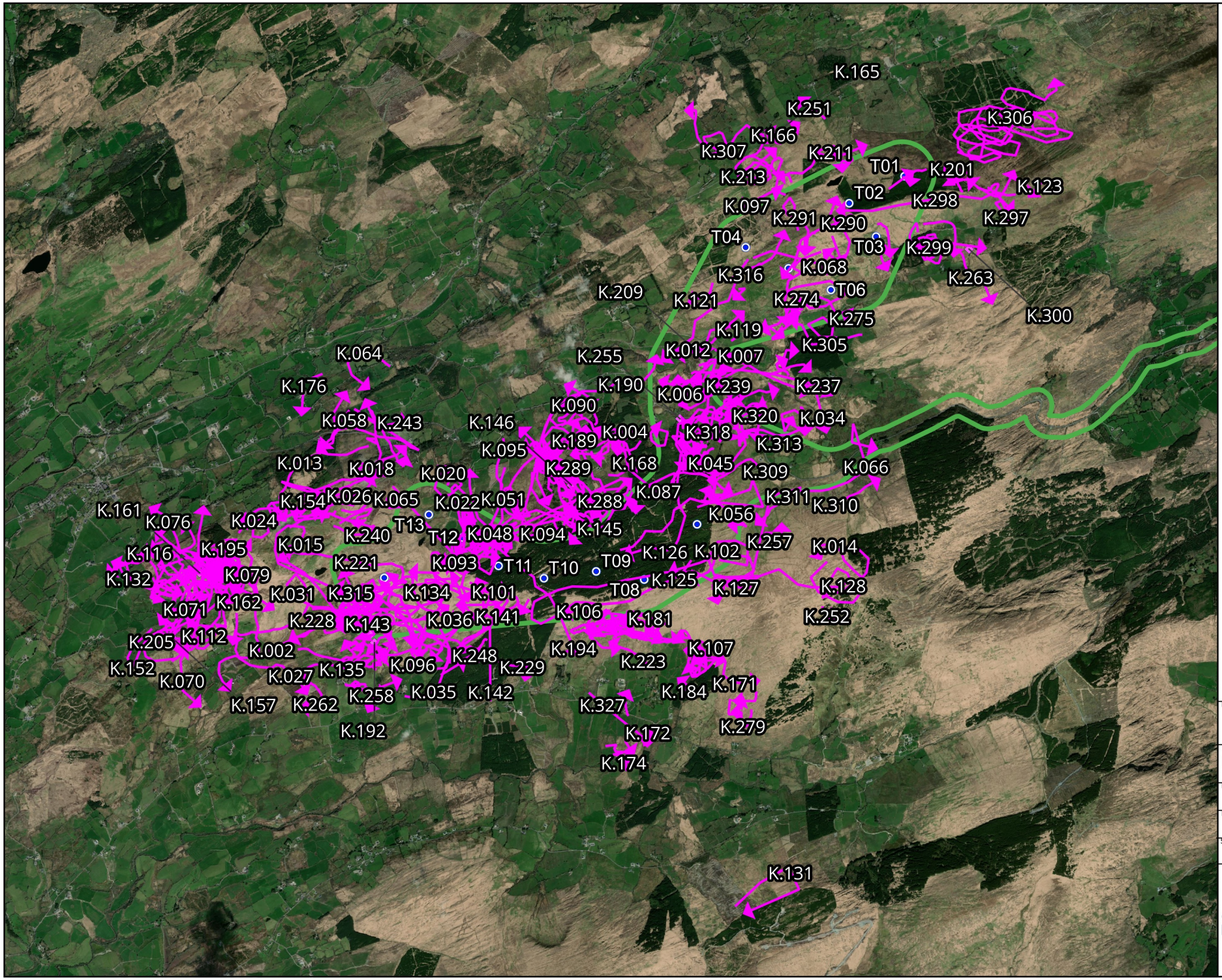

Map Legend

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- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Kestrel
Vantage Point Survey

Project Title	
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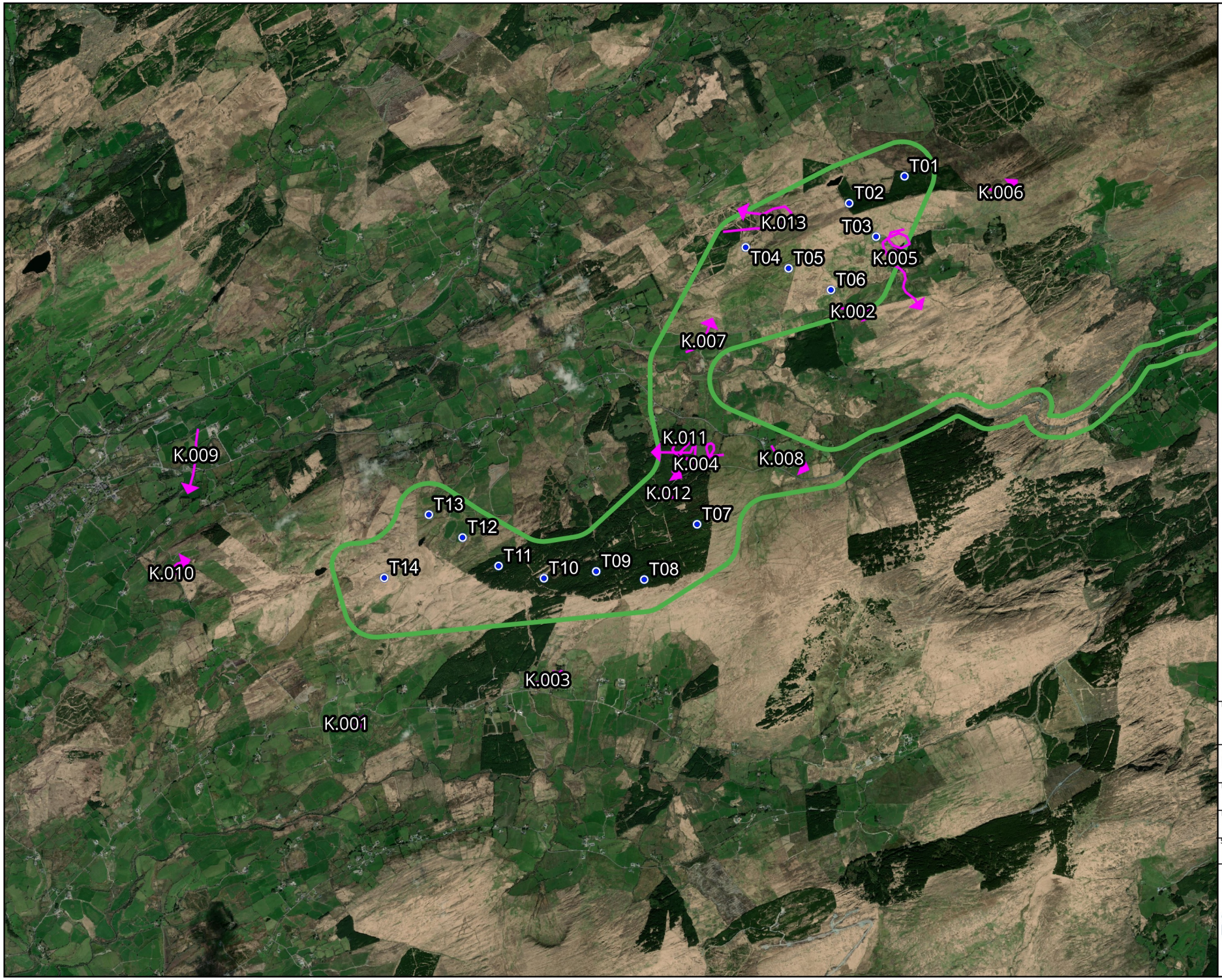

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Kestrel
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
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Project No.: 240225	Drawing No.: Fig. 7-4-27
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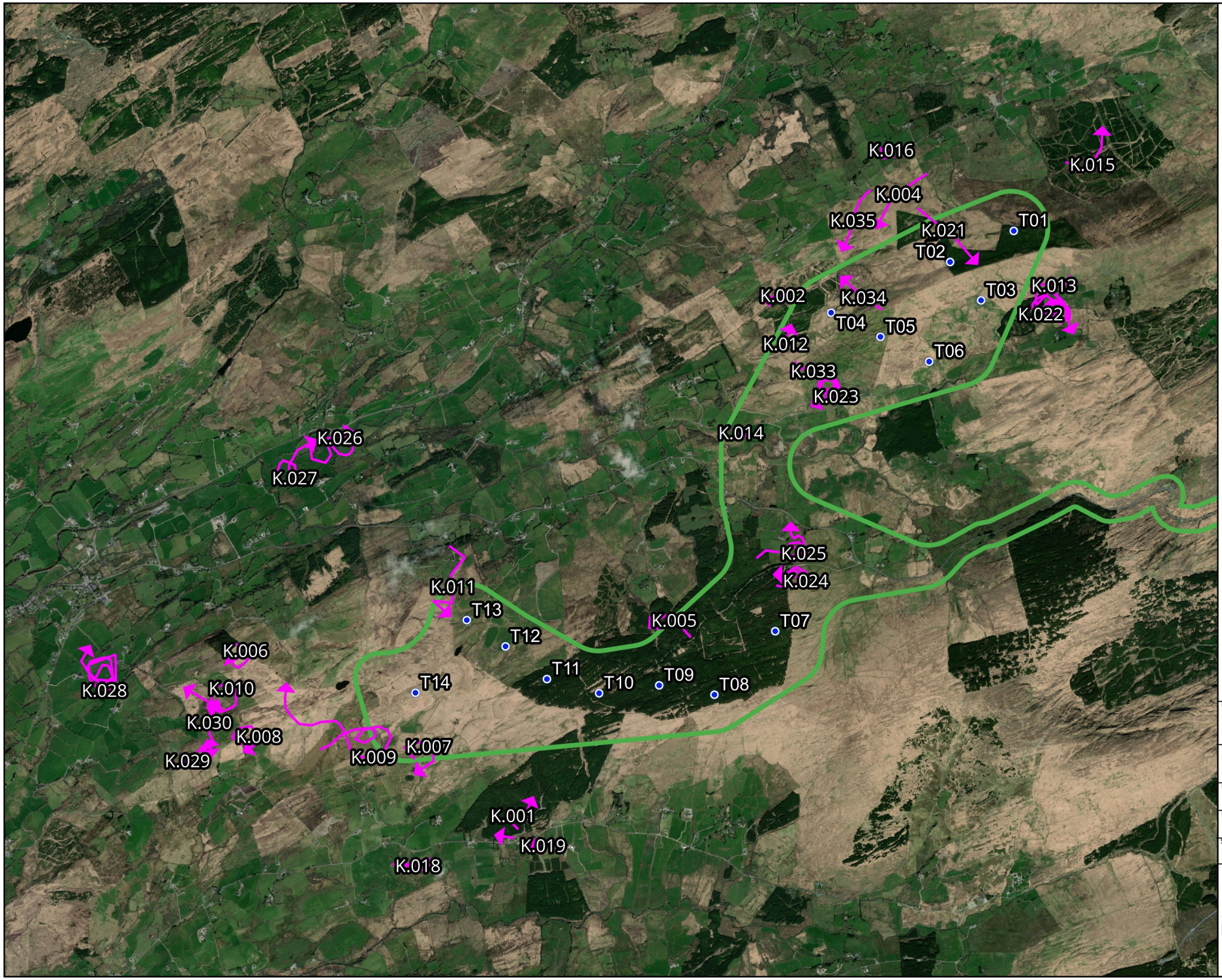

Map Legend

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- Proposed turbines
- Bird record

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Drawing Title

Kestrel
Breeding Walkover Survey

Project Title	
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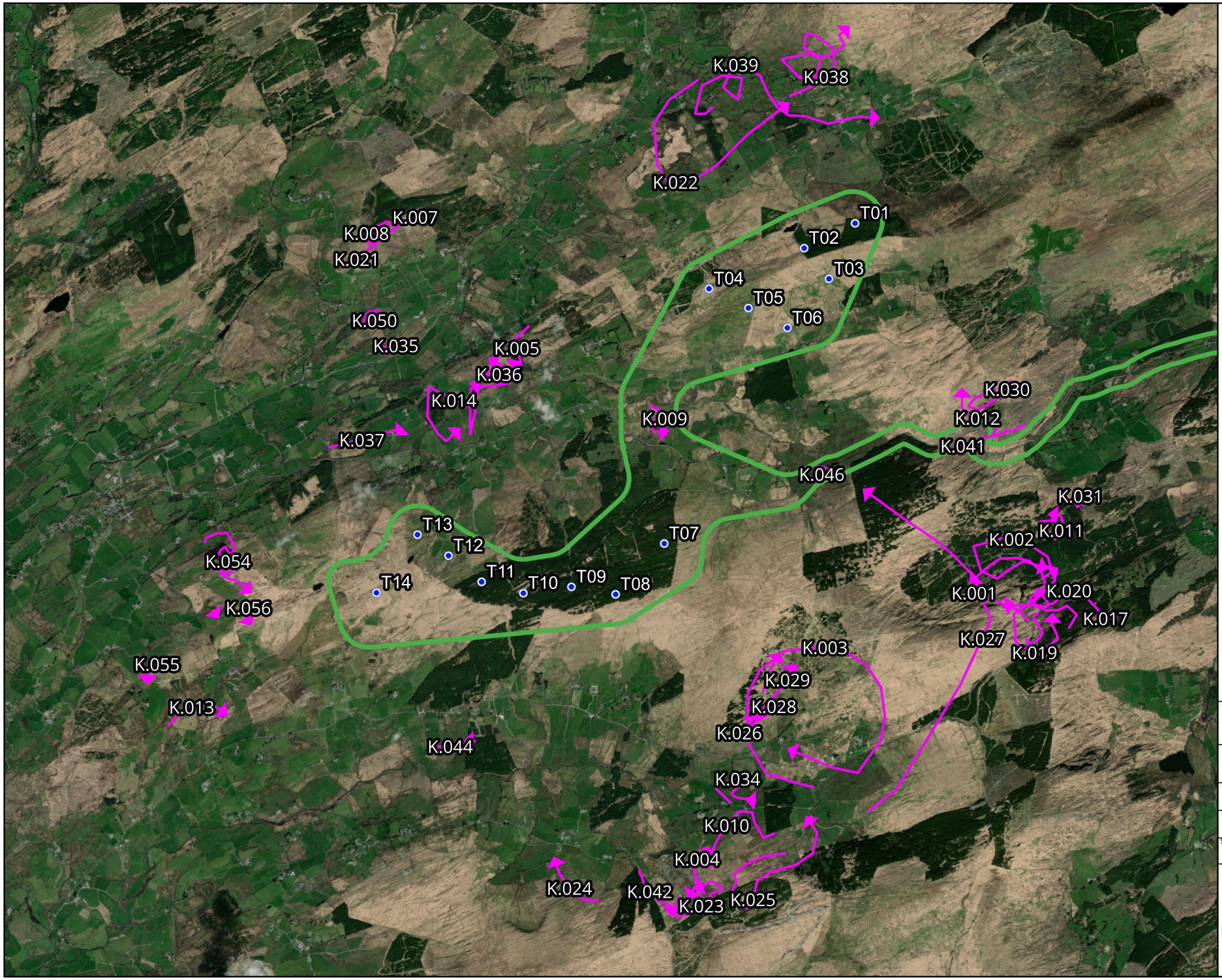

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Kestrel
Breeding Raptor Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-29
Scale	Date
1:50,000	11.03.2026

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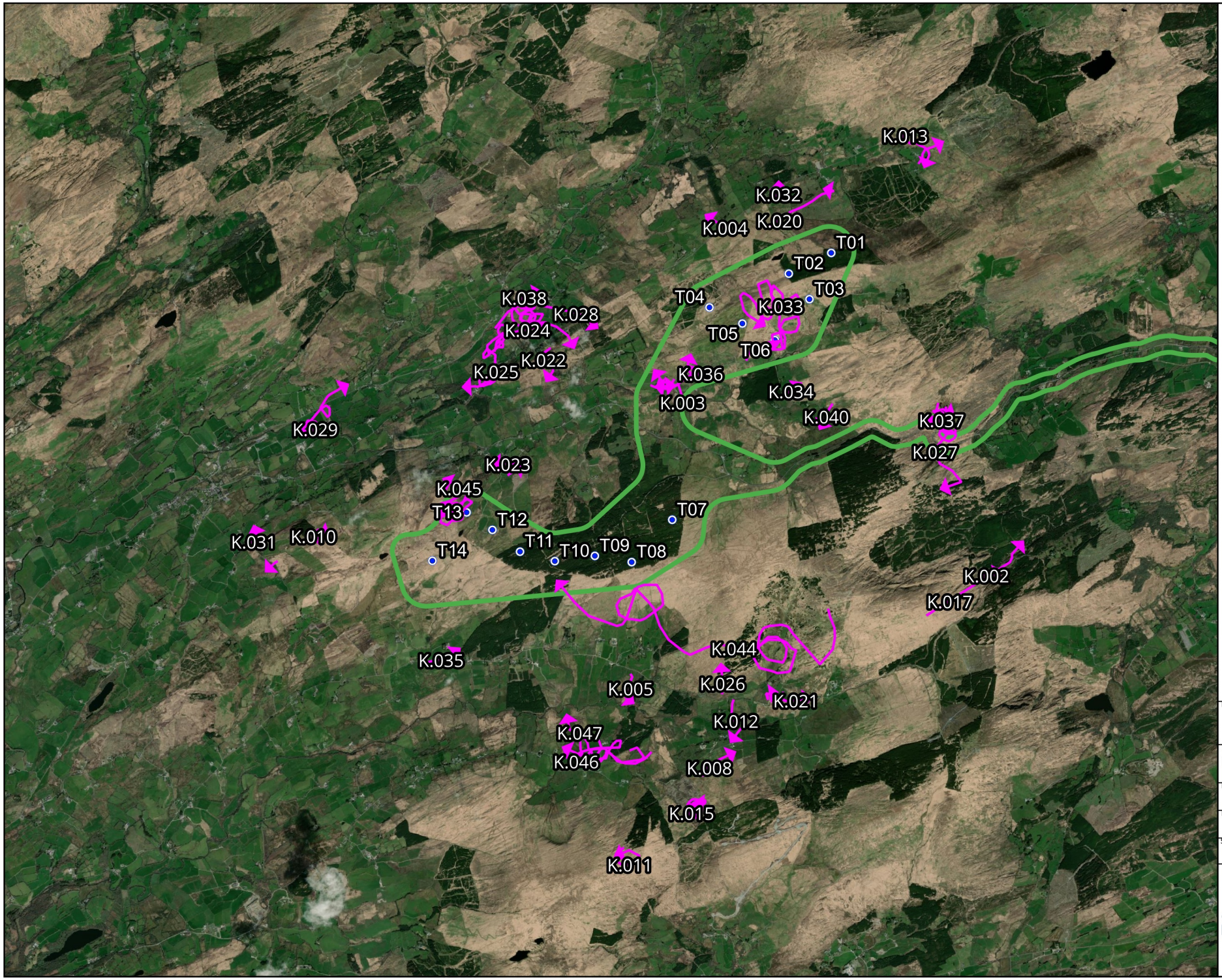

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Kestrel
Incidental Records

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-30
Scale: 1:60,000	Date: 11.03.2026

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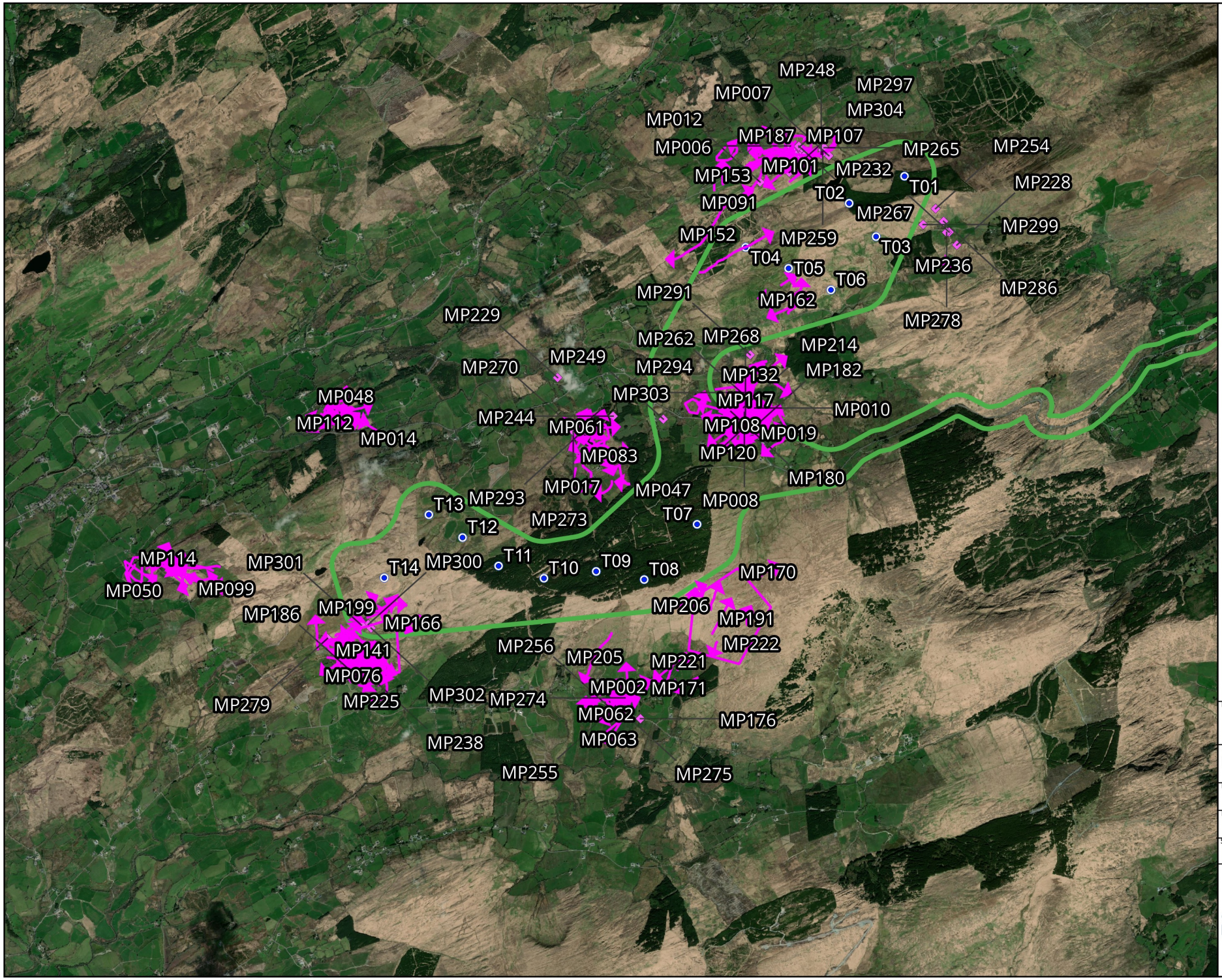

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Meadow Pipit
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-31
Scale	Date
1:46,000	11.03.2026

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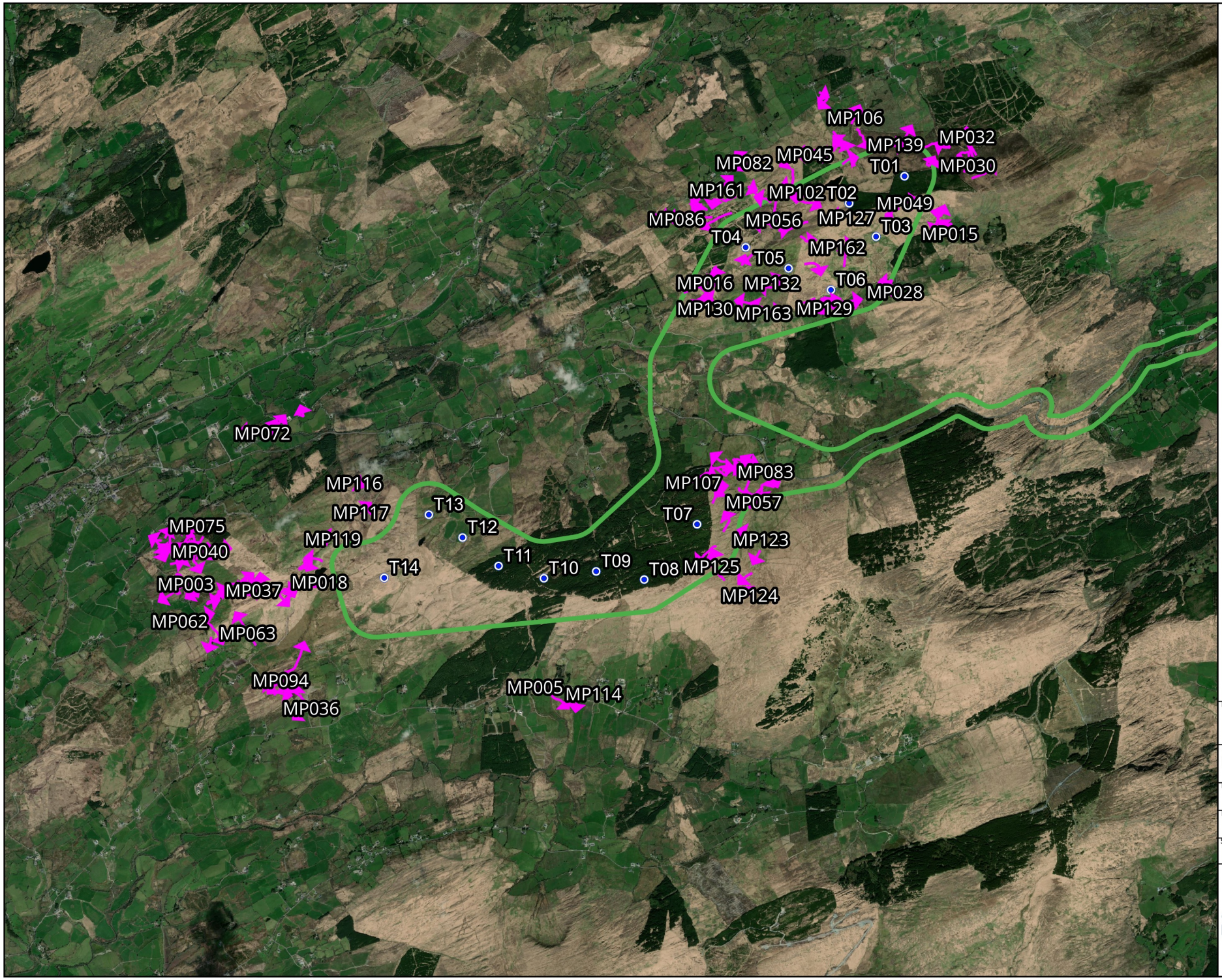

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Meadow Pipit
Winter Walkover Survey

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-32
Scale: 1:46,000	Date: 11.03.2026

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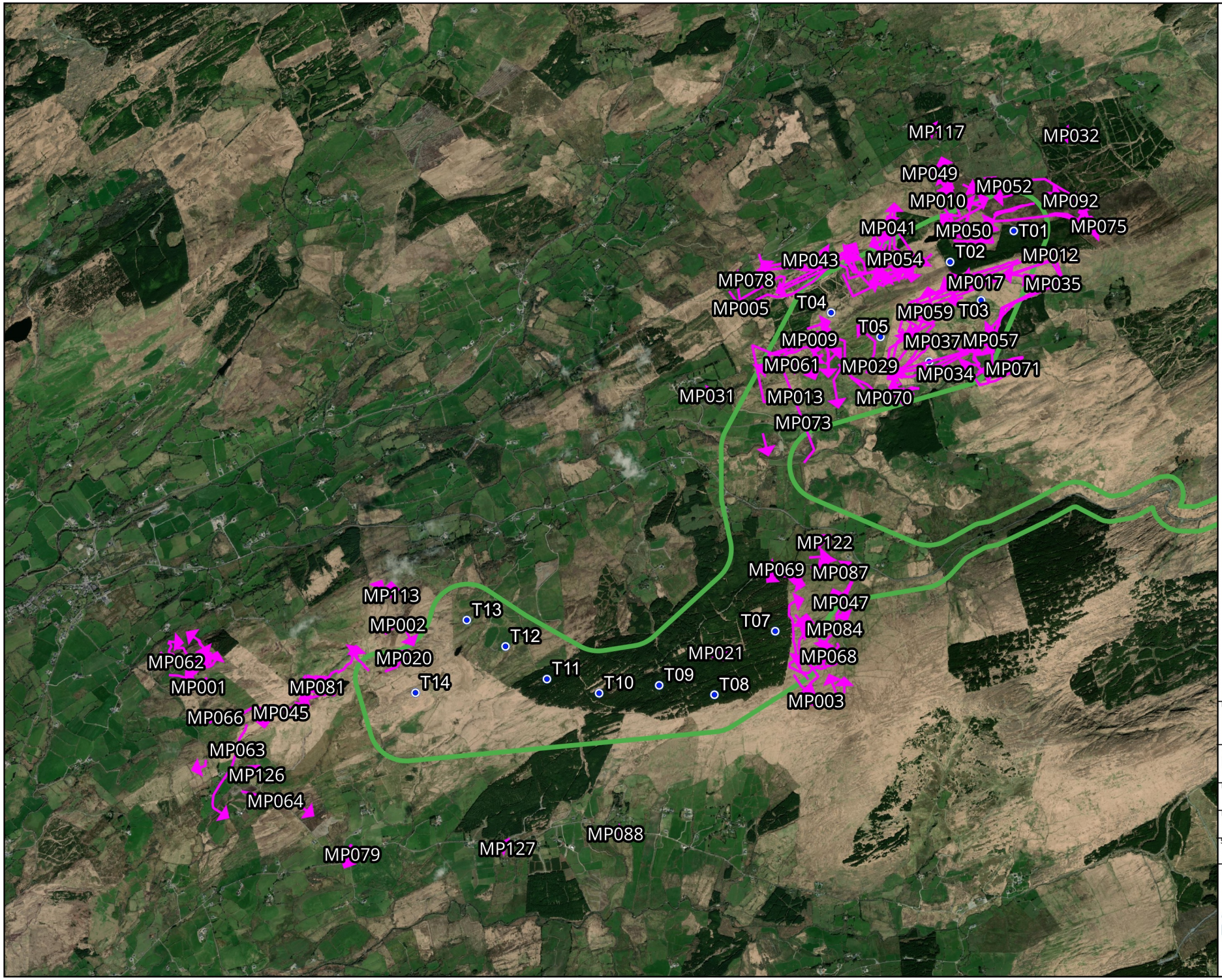

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Meadow Pipit
Breeding Walkover Survey

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-33
Scale: 1:40,000	Date: 11.03.2026

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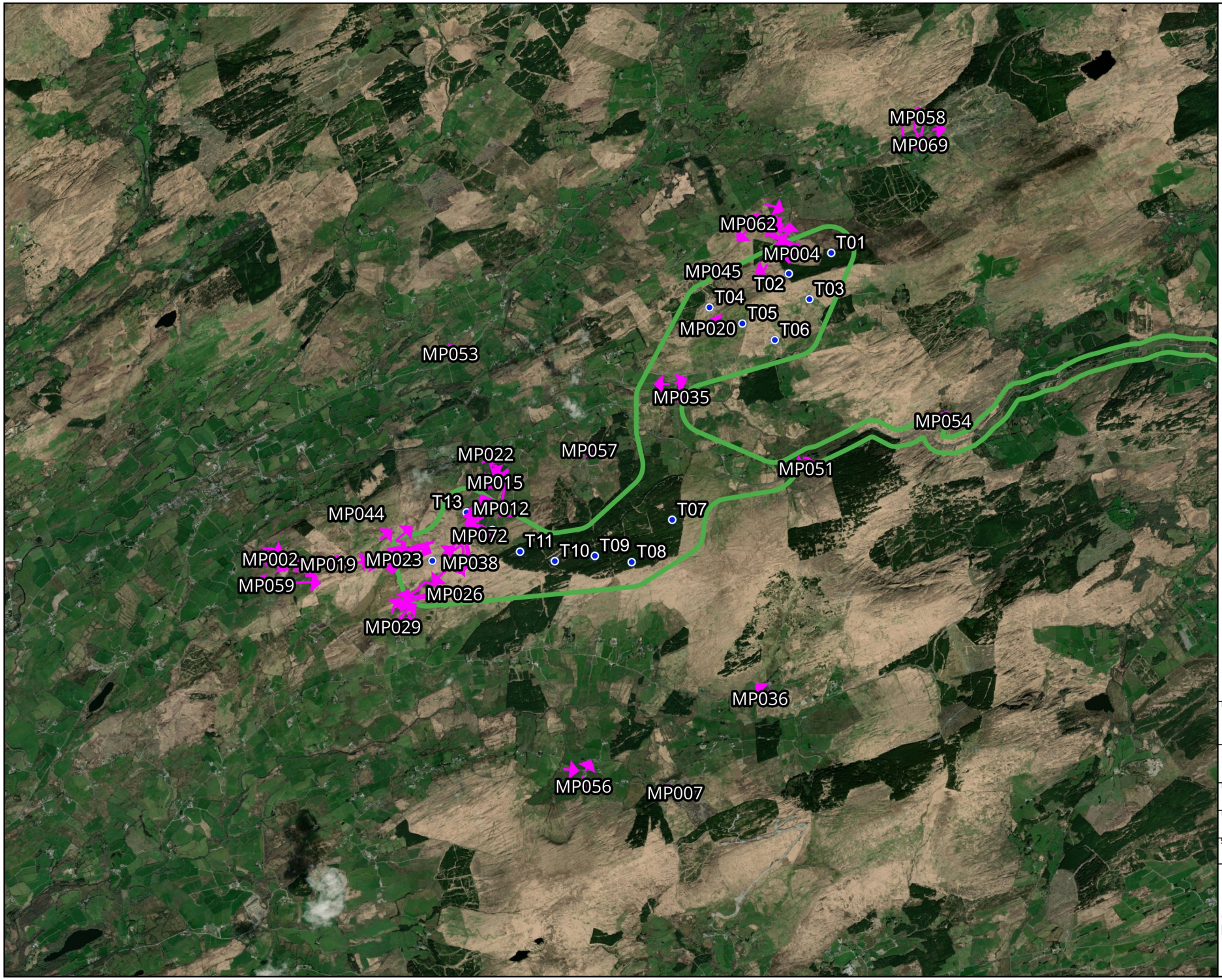

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Meadow Pipit
Incidental Records

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-34
Scale: 1:60,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Red Grouse
Vantage Point Survey

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-35
Scale: 1:46,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Red Grouse
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-36
Scale: 1:46,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Redwing
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-37
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Redwing
Winter Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-38
Scale	Date
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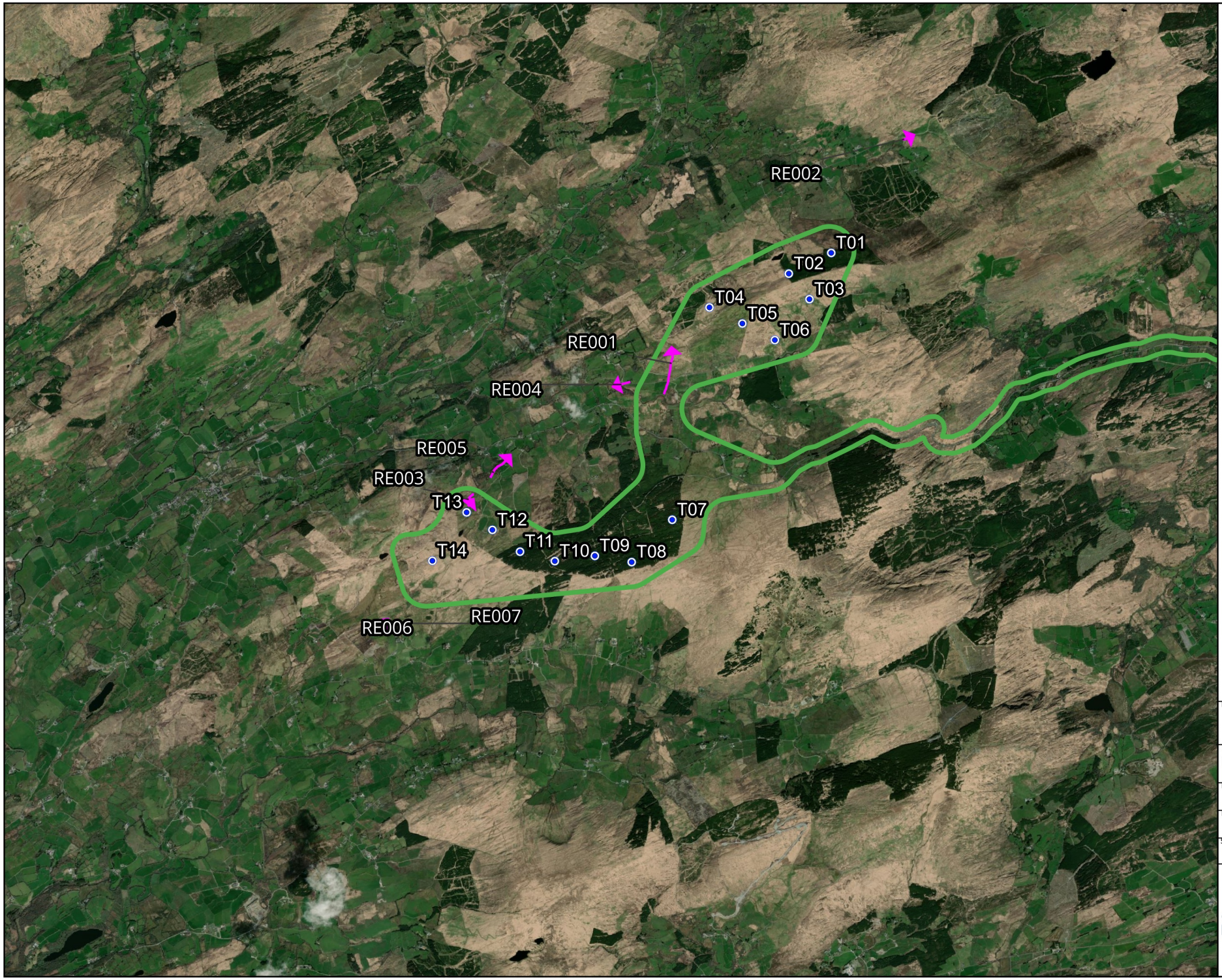

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Redwing
Incidental Records

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-39
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Ring Ouzel
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-40
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Snipe
Vantage Point Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-41
Scale: 1:46,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Snipe
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-42
Scale: 1:46,000	Date: 11.03.2026

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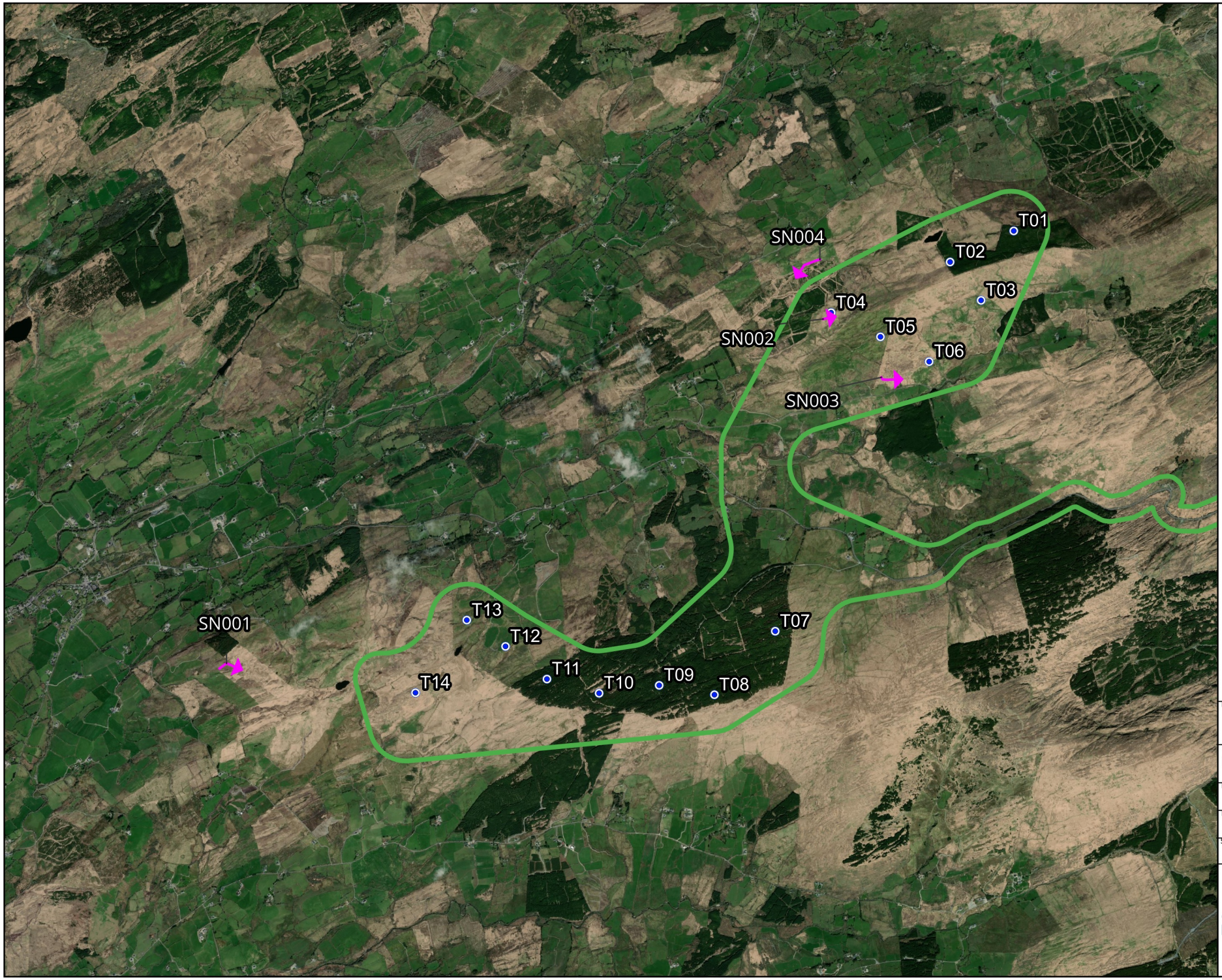

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Snipe
Breeding Walkover Survey

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-43
Scale: 1:40,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title
Snipe
Waterbird Distribution and Abundance Survey

Project Title
Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-44
Scale	Date
1:40,000	11.03.2026

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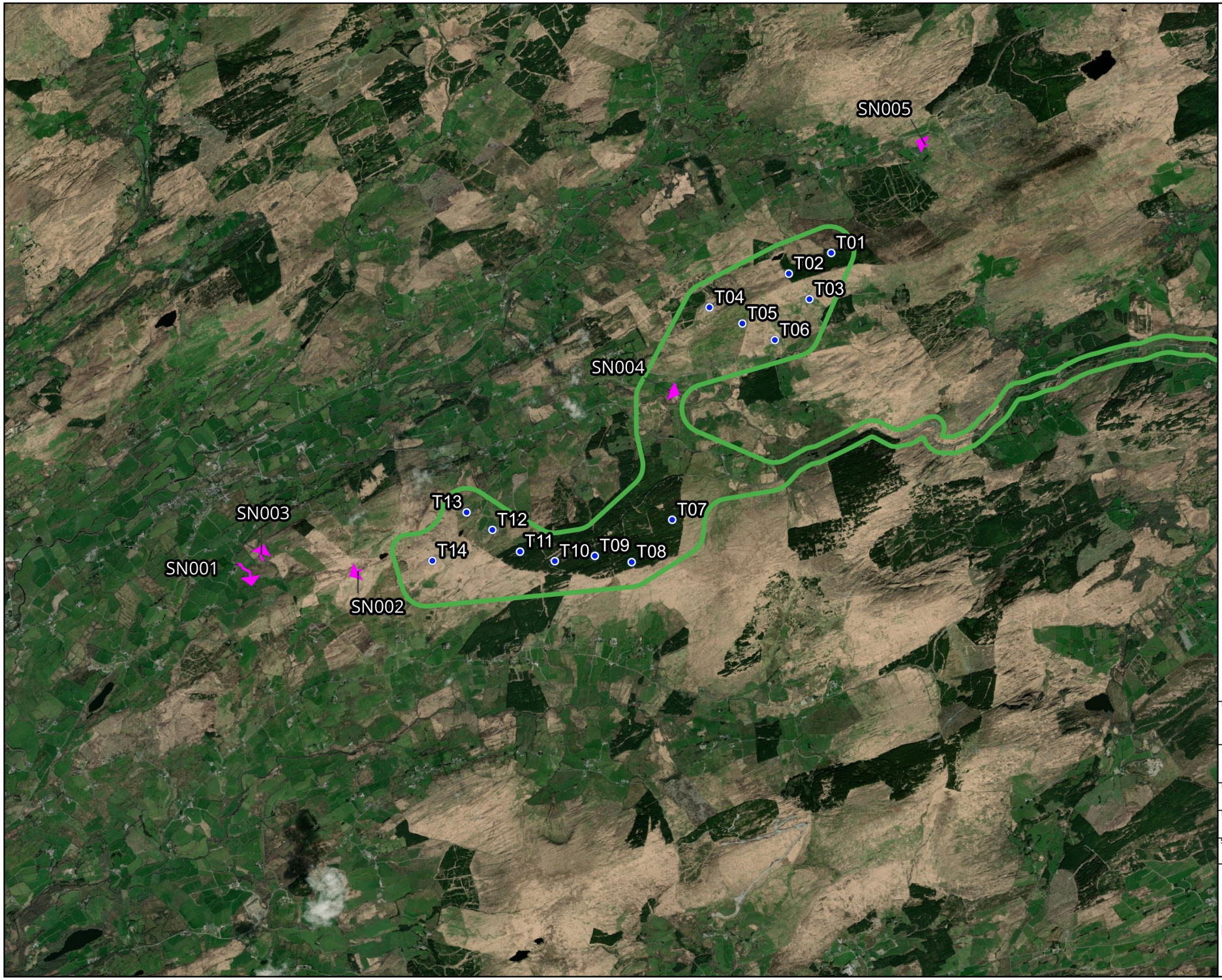

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Snipe
Incidental Records

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-45
Scale: 1:60,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Stock Dove
Vantage Point Survey

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-46
Scale: 1:46,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Stock Dove
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-47
Scale: 1:46,000	Date: 11.03.2026

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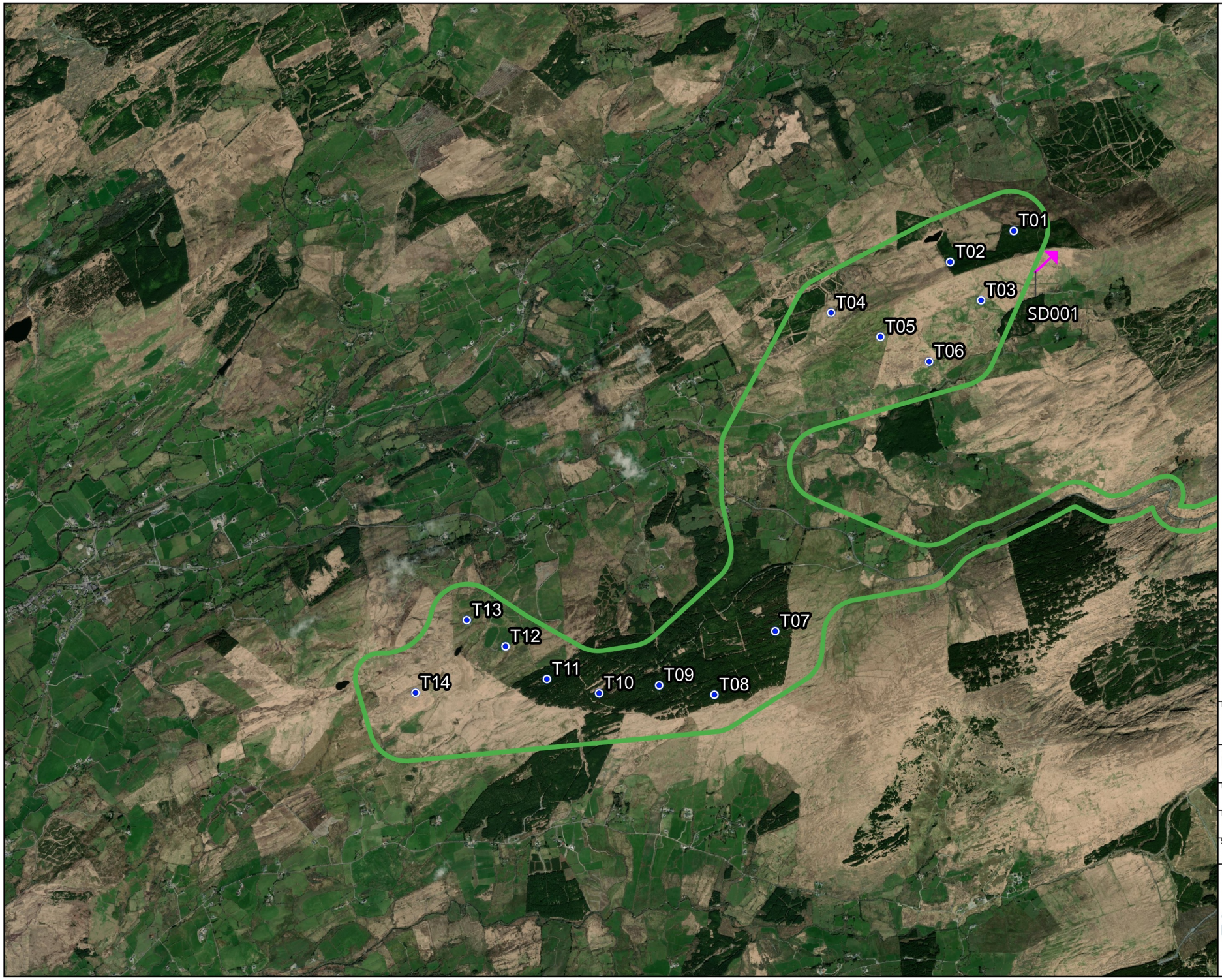

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Stock Dove
Breeding Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
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Project No.	Drawing No.
240225	Fig. 7-4-48
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Swift
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-49
Scale	Date
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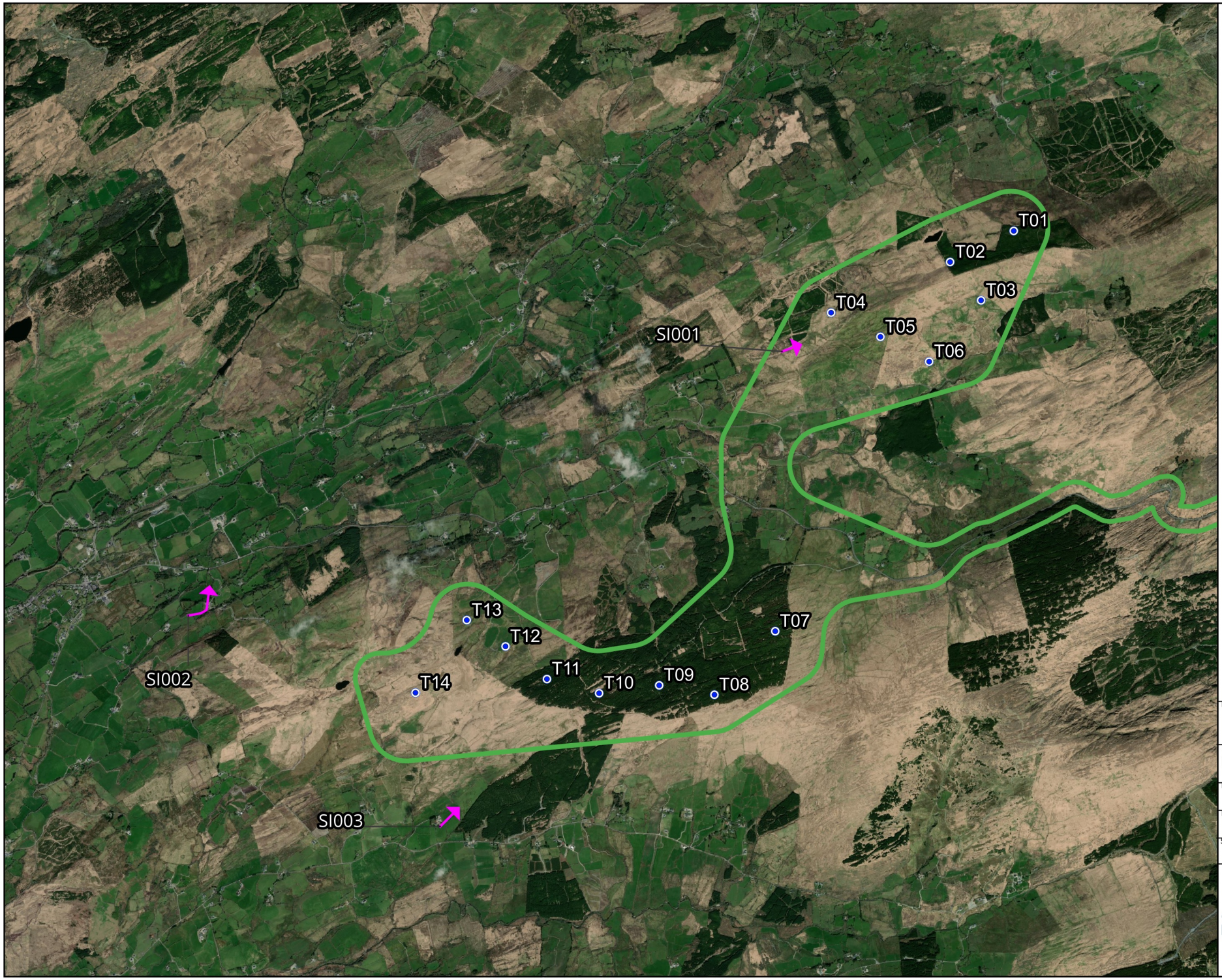

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Swift
Breeding Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-50
Scale: 1:40,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Woodcock
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-51
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Woodcock
Winter Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-52
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Woodcock
Incidental Records

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-53
Scale	Date
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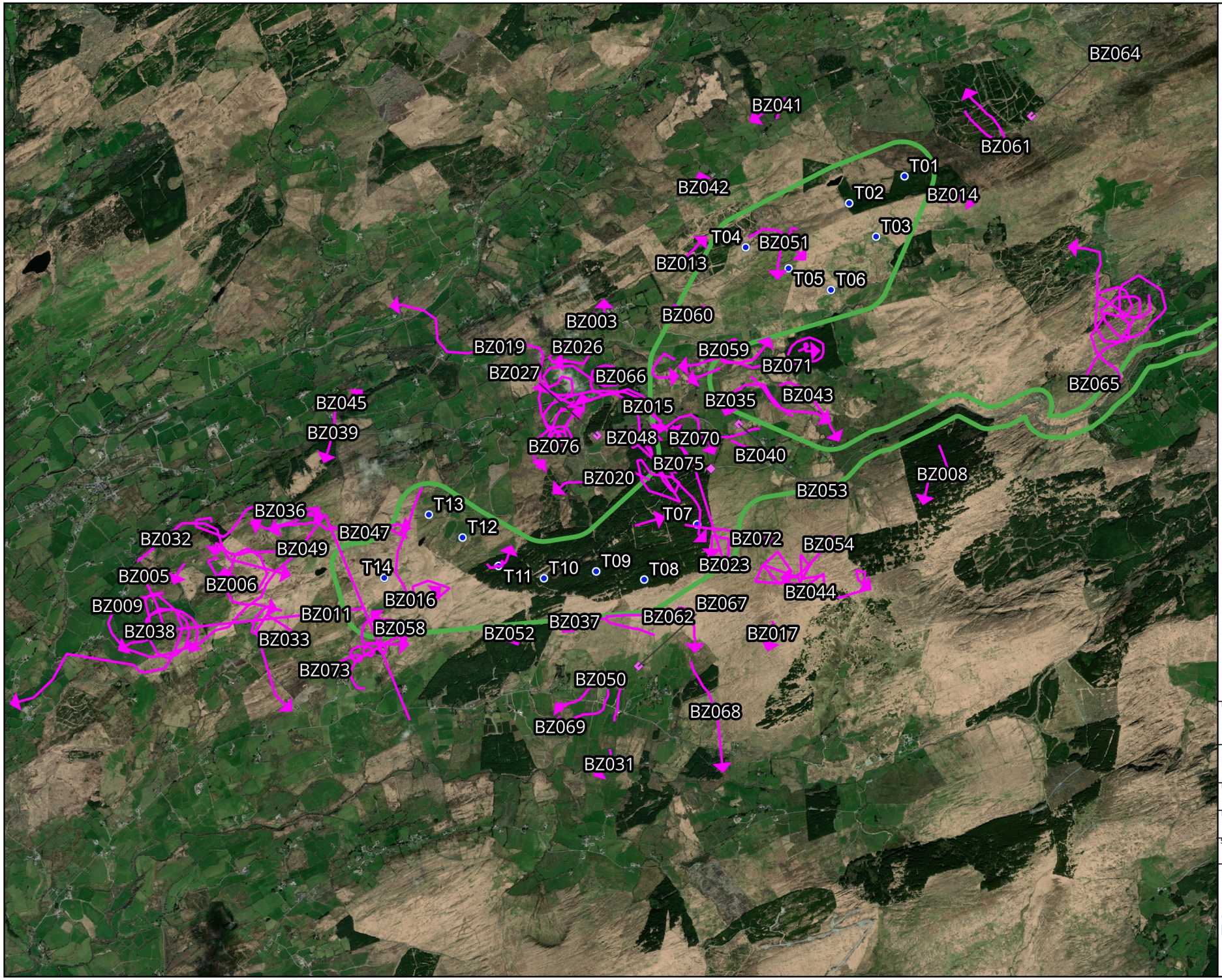

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Buzzard
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-54
Scale	Date
1:46,000	11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Buzzard
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-55
Scale: 1:46,000	Date: 11.03.2026

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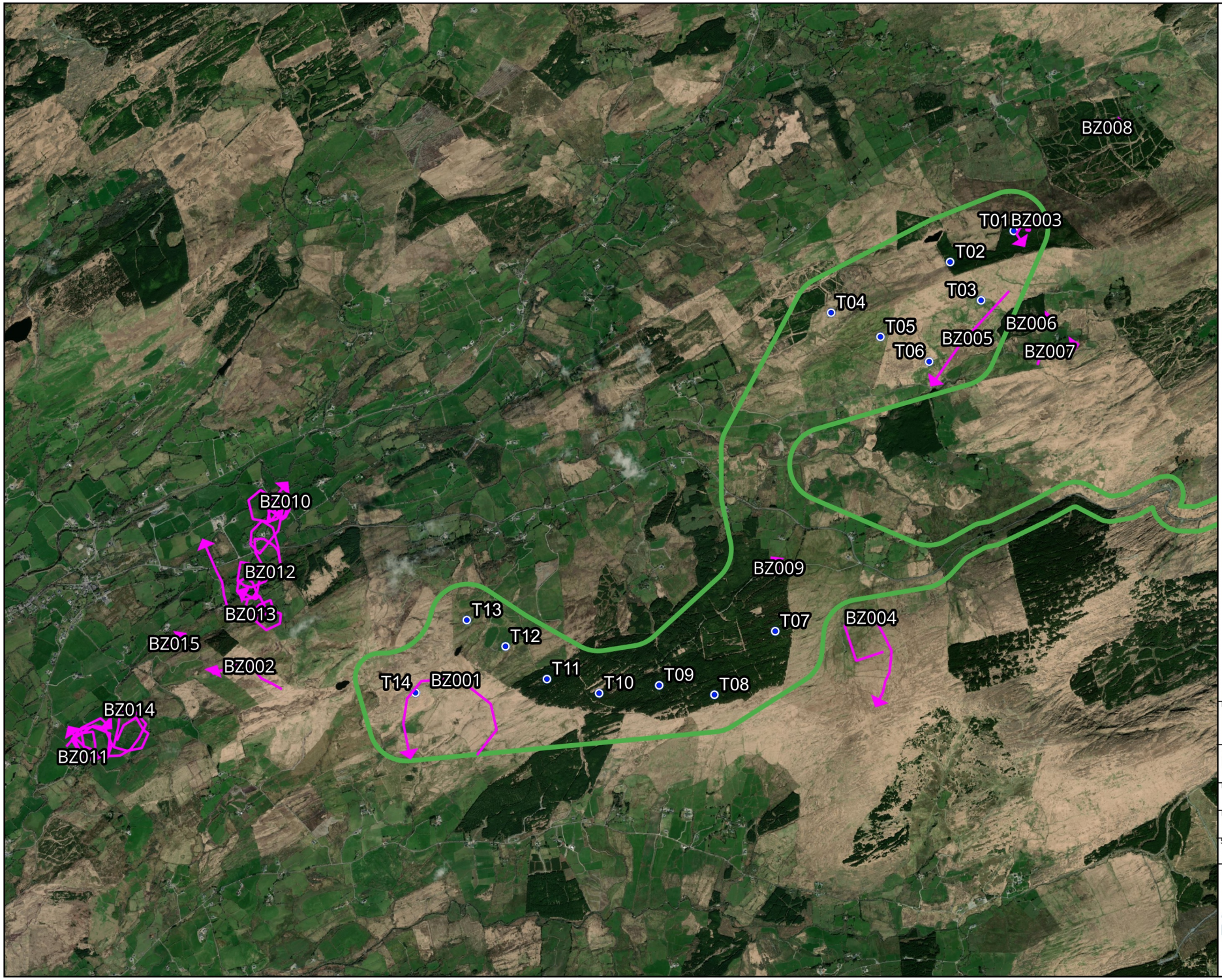

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Buzzard
Breeding Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-56
Scale: 1:40,000	Date: 11.03.2026

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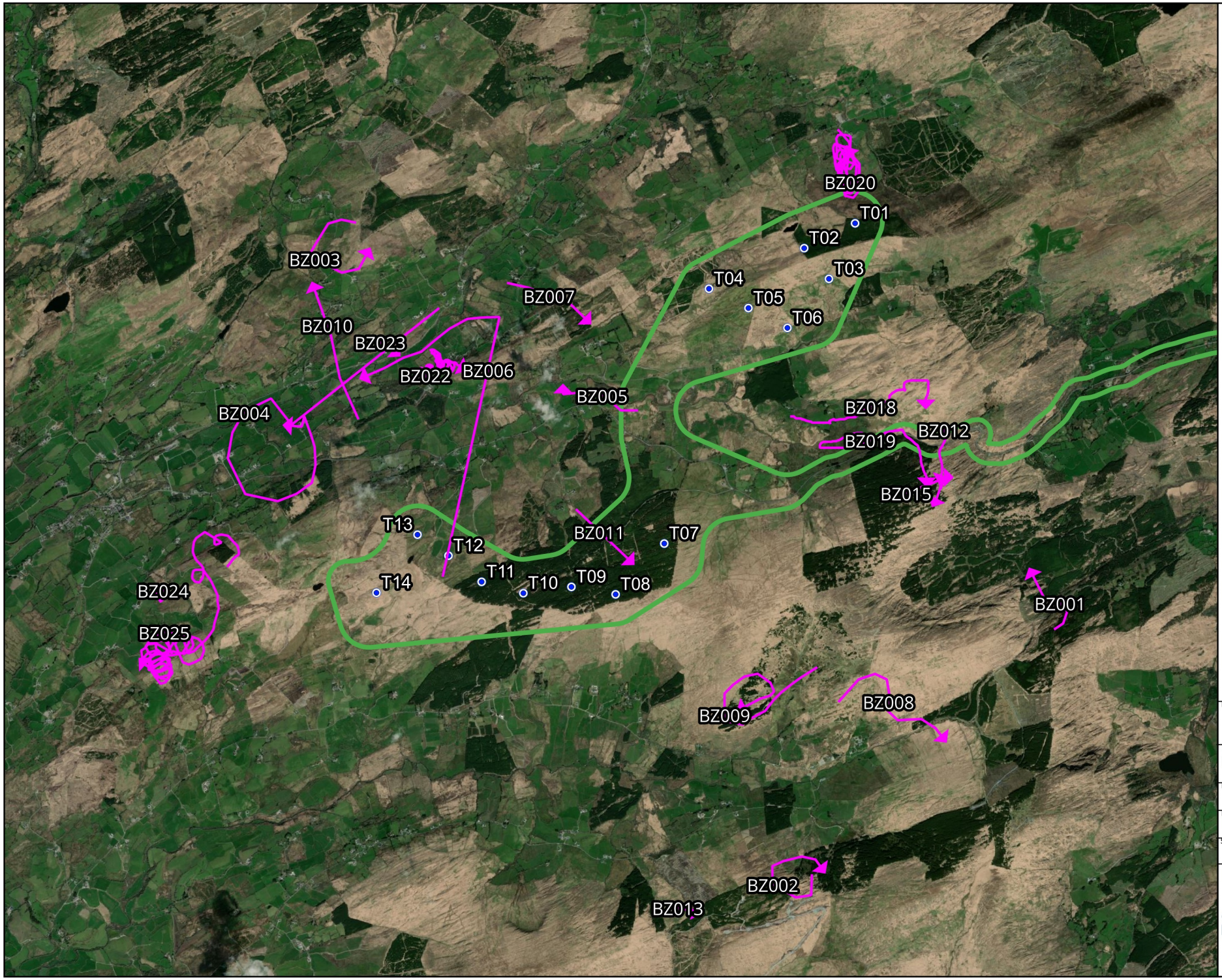

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Buzzard
Breeding Raptor Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-57
Scale: 1:50,000	Date: 11.03.2026

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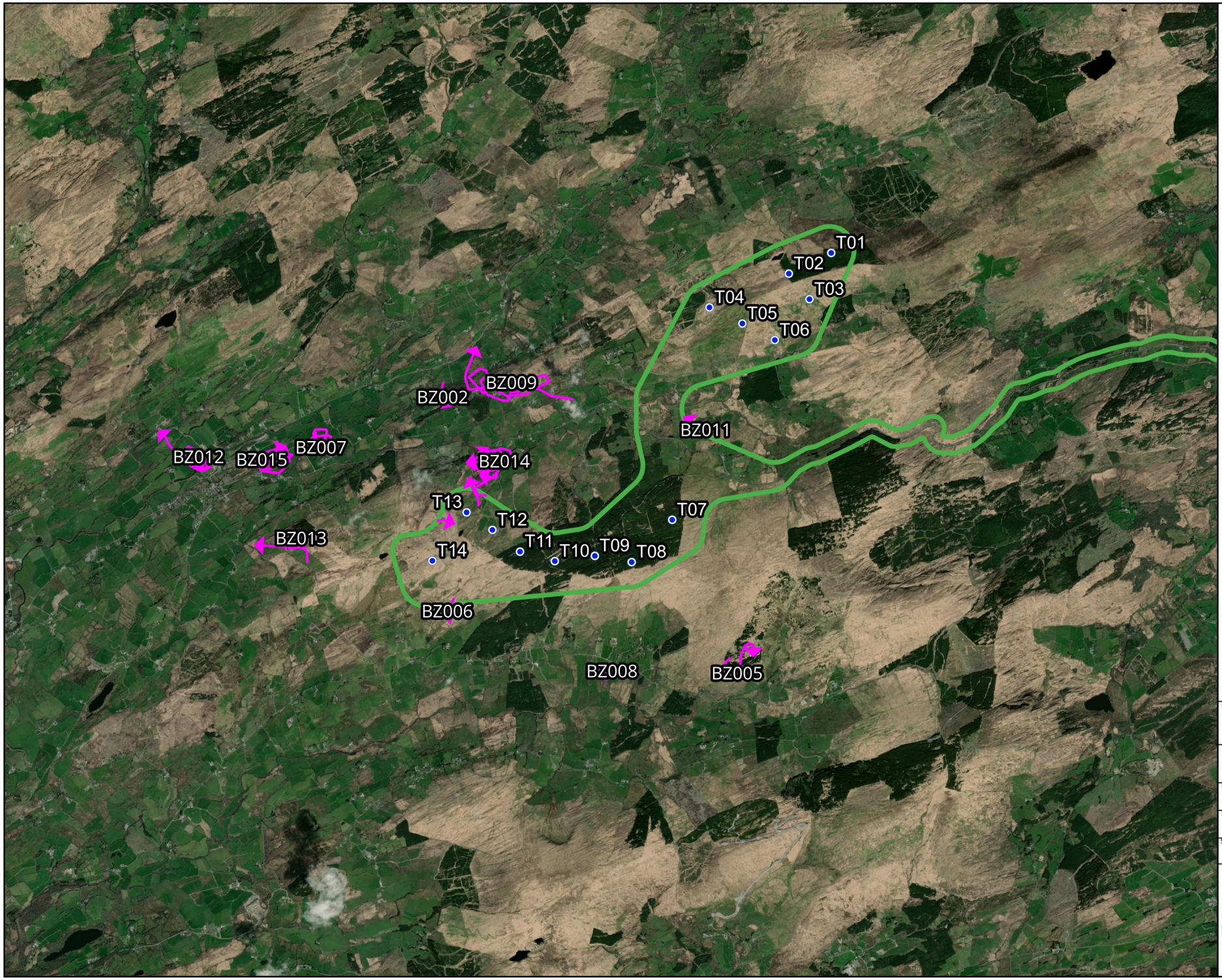

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Buzzard
Incidental Records

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-58
Scale: 1:60,000	Date: 11.03.2026

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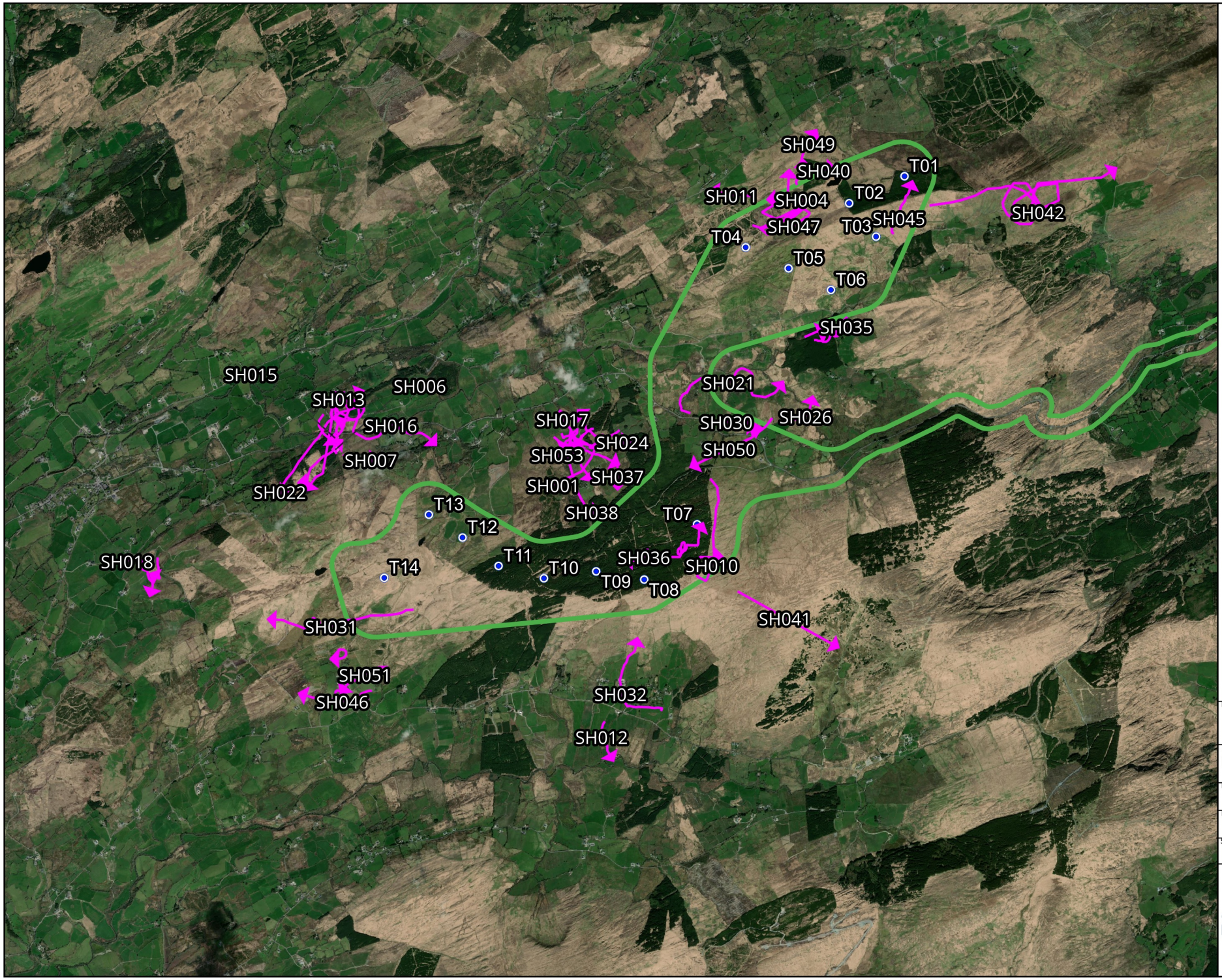

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record
- Bird record

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Drawing Title

Sparrowhawk
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-59
Scale	Date
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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Sparrowhawk
Winter Walkover Survey

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-60
Scale: 1:46,000	Date: 11.03.2026

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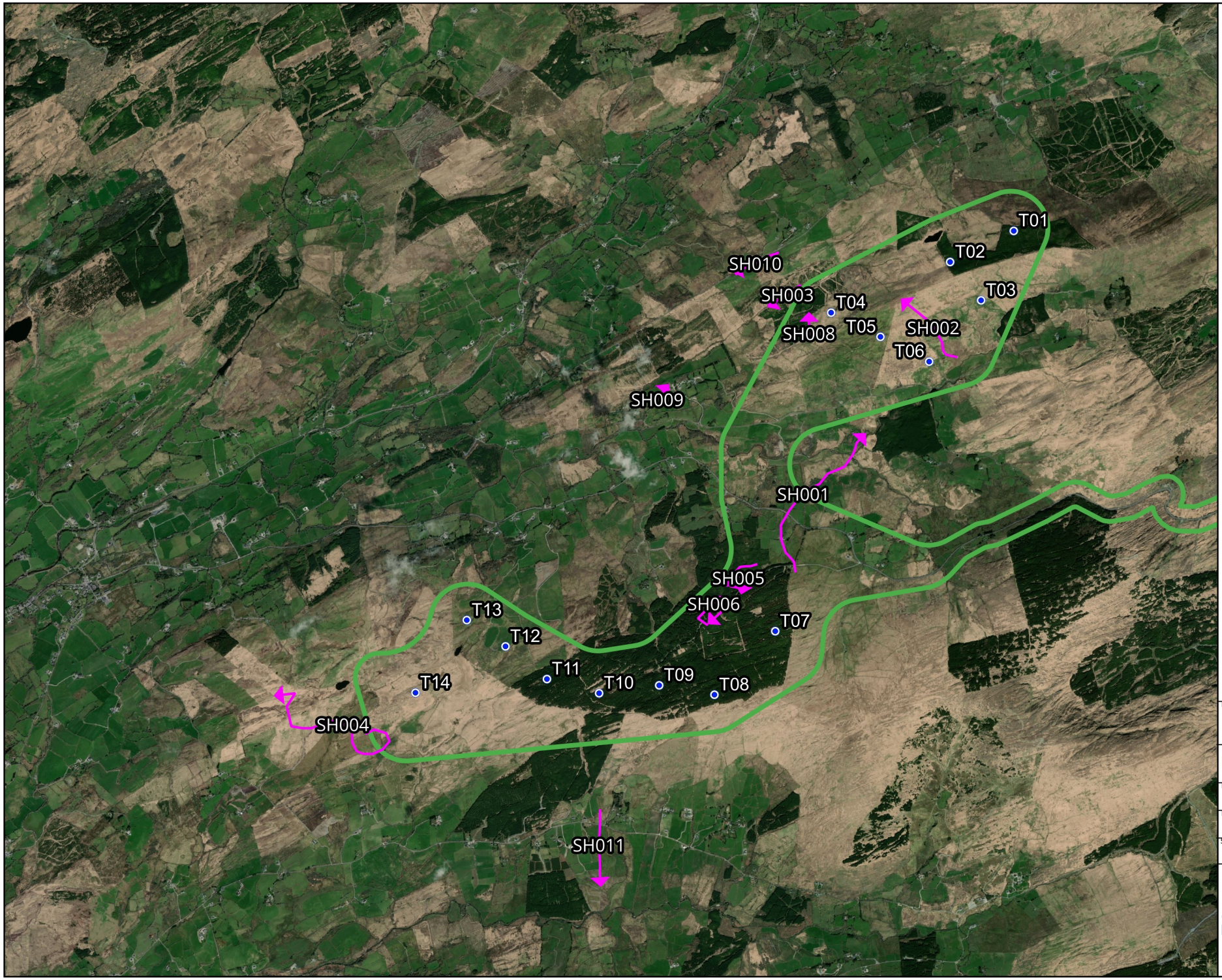

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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N

Drawing Title

Sparrowhawk
Breeding Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-61
Scale	Date
1:40,000	11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Sparrowhawk
Breeding Raptor Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-62
Scale	Date
1:50,000	11.03.2026

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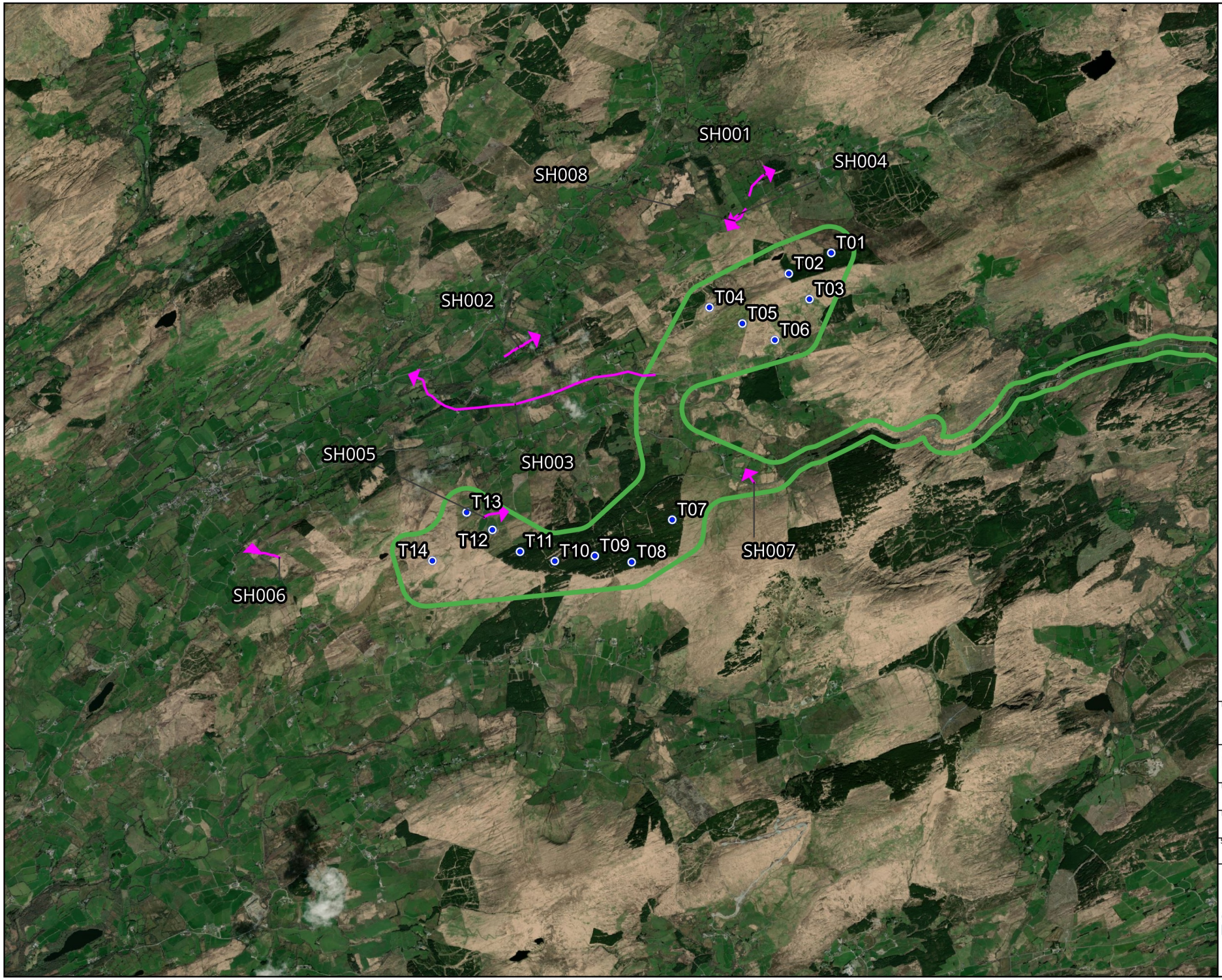

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Sparrowhawk
Incidental Records

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-63
Scale	Date
1:60,000	11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Little Egret
Winter Walkover Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-64
Scale	Date
1:46,000	11.03.2026

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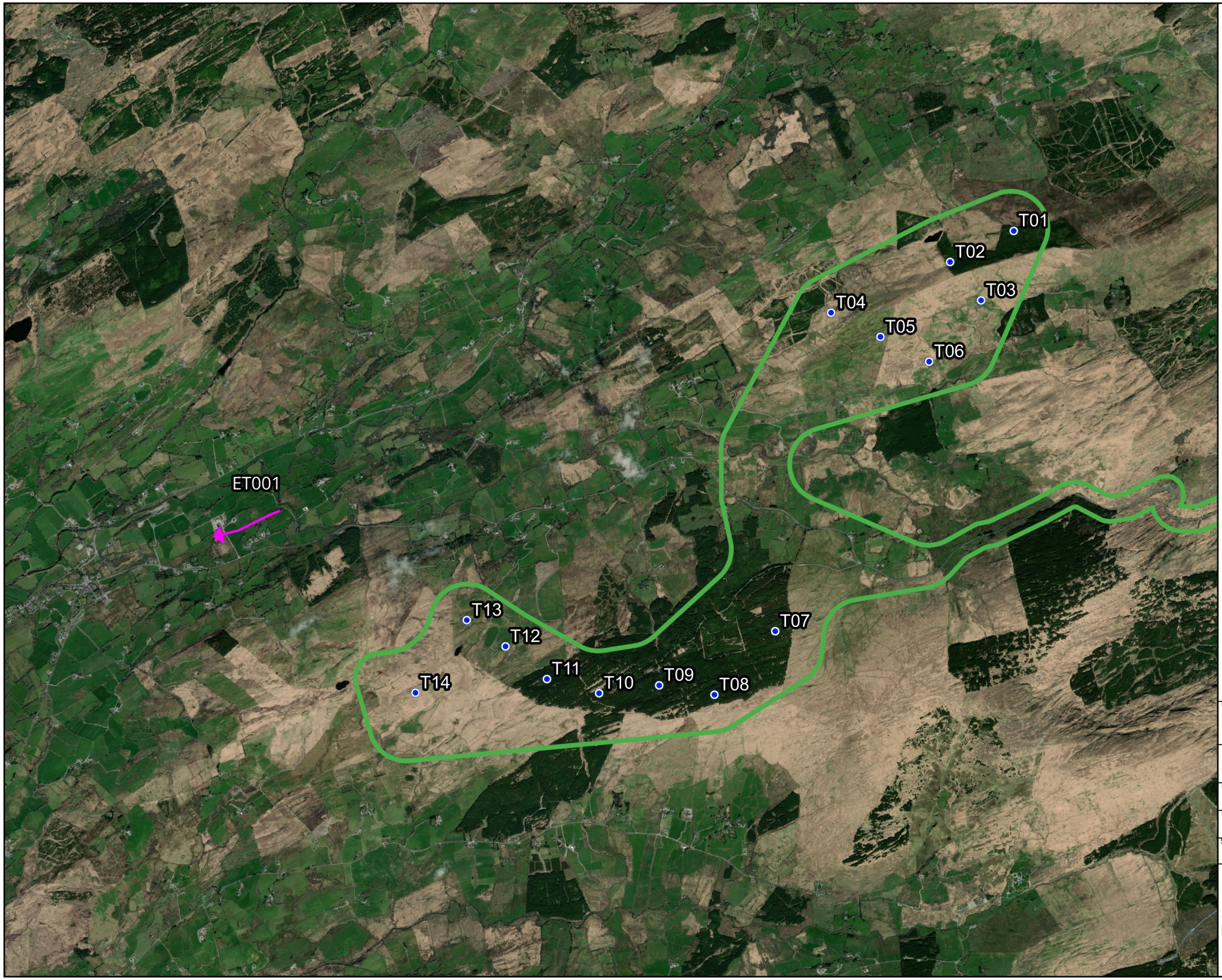

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Little Egret
Breeding Walkover Survey

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-65
Scale: 1:40,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

White-tailed Eagle
Vantage Point Survey

Project Title	
Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-66
Scale: 1:46,000	Date: 11.03.2026

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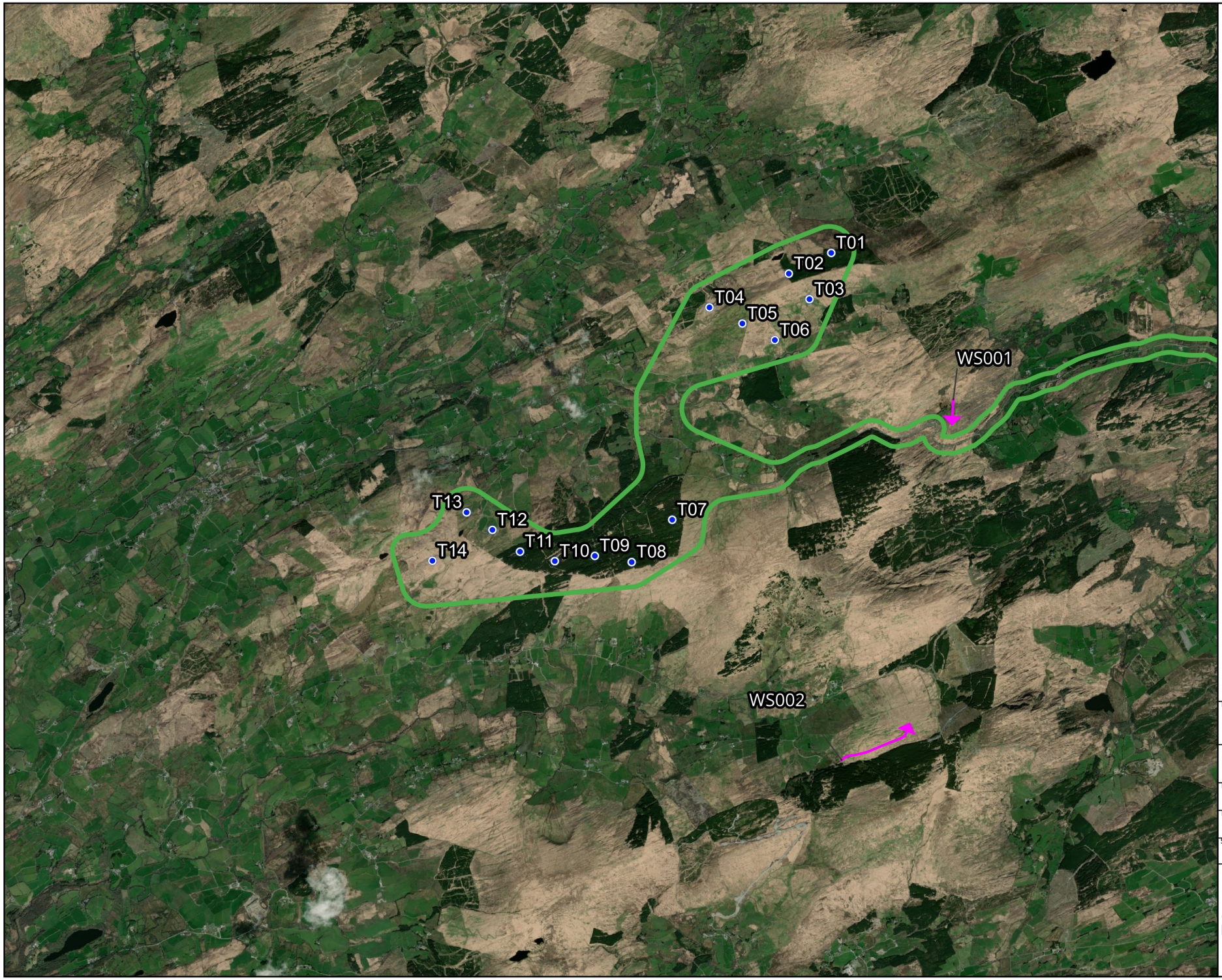

Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Whooper Swan
Incidental Records

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-67
Scale: 1:60,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Barn Owl
Vantage Point Survey

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-68
Scale	Date
1:46,000	11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Barn Owl
Incidental Records

Project Title

Maughanaclea Renewable Energy Development

Drawn By	Checked By
CMc	SD
Project No.	Drawing No.
240225	Fig. 7-4-69
Scale	Date
1:60,000	11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Long-eared Owl
Incidental Records

Project Title: Maughanaclea Renewable Energy Development	
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-70
Scale: 1:60,000	Date: 11.03.2026

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Map Legend

- EIAR site boundary
- Proposed turbines
- Bird record

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Drawing Title

Merlin
Incidental Records

Project Title	Maughanaclea Renewable Energy Development
Drawn By: CMc	Checked By: SD
Project No.: 240225	Drawing No.: Fig. 7-4-71
Scale: 1:60,000	Date: 11.03.2026

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