APPENDIX 4

ORNITHOLOGICAL SURVEY RESULTS

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1. SURVEY DATA

1.1 Golden Plover

Table 7 - 4 - 1 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	VP2	12/10/2021	08:20	Golden Plover	6	35	35	0	0	0	bogs and improved grassland; flying	SF
GP002	VP2	12/10/2021	08:39	Golden Plover	60	40	40	0	0	0	bogs and improved grassland; circling, flying	SF
GP003	VP2	12/10/2021	08:49	Golden Plover	29	35	35	0	0	0	bogs and improved grassland; flying	SF
GP004	VP2	12/10/2021	08:57	Golden Plover	49	35	35	0	0	0	bogs and improved grassland; flying	SF
GP005	VP2	12/10/2021	11:27	Golden Plover	6	35	35	0	0	0	bogs and improved grassland; flying	SF
GP006	VP2	02/12/2021	08:27	Golden Plover	40	35	0	35	0	0	bogs and improved grassland; flying	SF
GP007	VP2	13/10/2022	09:00	Golden Plover	5	87	10	17	60	0	bogs, wet grassland and improved agricultural grassland; flying	CG
GP008	VP2	13/10/2022	09:23	Golden Plover	26	287	0	37	250	0	bogs, wet grassland and improved agricultural grassland; flying	CG
GP009	VP2	15/03/2023	17:01	Golden Plover	14	65	0	0	65	0	improved agricultural grassland and bogs; circling, flying	CG
GP010	VP2	06/04/2023	11:33	Golden Plover	15	39	0	0	39	0	improved agricultural grassland; circling, flying	CG
GP011	VP2	25/09/2023	08:48	Golden Plover	16	560	0	0	560	0	improved grassland; travelling, circling	PDC
GP012	VP2	25/09/2023	11:28	Golden Plover	3	32	0	32	0	0	bogs and improved grassland; travelling	PDC
GP013	VP2	24/11/2023	10:39	Golden Plover	28	39	9	20	780	0	improved agricultural grassland and bogs; circling	CG
GP014	VP1	05/04/2024	16:14	Golden Plover	11	27	0	27	0	0	improved agricultural grassland; travelling	MH

Table 7 - 4 - 2 Golden Plover winter walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GP001	18/10/2022	09:08		Golden Plover	35	improved agricultural grassland and bogs; flying	CG
GP002	18/10/2022	10:10		Golden Plover	12	bogs and improved agricultural grassland; flying	CG
GP003	07/02/2024	11:10		Golden Plover	2	cutover bog; travelling/calling	CC

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GP004	11/10/2024	10:24		Golden Plover	31	bogs; travelling	OC

Table 7 - 4 - 3 Golden plover breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GP001	14/04/2023	12:08		Golden Plover	58	improved agricultural grassland; flying (flyover; non-breeding)	CG

Table 7 - 4 - 4 Golden plover waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GP001	Lehanagh	29/03/2022	12:15	Golden Plover	35	lakes and ponds and improved grassland; on lake	SF
GP002	Ballynacarrick	19/10/2022	15:04	Golden Plover	65	turloughs; flying, circling	CG
GP003	Lehanagh	02/12/2022	12:01	Golden Plover	145	turloughs; resting	CG
GP004	Lehanagh	12/02/2024	14:59	Golden Plover	40	improved agricultural grassland; travelling, seen on approach while driving only a rough estimate didn't see where they landed	CC

Table 7 - 4 - 5 Golen plover incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GP001	Hen Harrier Roost Survey; HHVP3	12/10/2021	18:58	Golden Plover	1	improved agricultural grassland; calling in flight	PM
GP002	Hen Harrier Roost Survey; HHVP5	23/11/2022	16:50	Golden Plover	3	bogs; flying	CG
GP003	Hen Harrier Roost Survey; HHVP5	29/03/2023	19:00	Golden Plover	22	bogs; flying over, flying towards site	CG
GP004	Vantage Point Survey; VP1	10/01/2024	10:14	Golden Plover	15	improved agricultural grassland; foraging	SD

1.2 Greenland White-fronted Goose

Table 7 - 4 - 6 Greenland white-fronted goose waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WG001	Tawnylough	07/11/2021	12:30	Greenland White-fronted Goose	13	lakes and ponds and improved grassland; on water	SF
WG002	Tawnylough	07/11/2021	13:14	Greenland White-fronted Goose	16	lakes and ponds and improved grassland; on water	SF
WG003	Tawnylough	29/11/2021	11:31	Greenland White-fronted Goose	104	lakes and ponds and improved grassland; on water	SF
WG004	Drumady Lough	29/11/2021	12:30	Greenland White-fronted Goose	2	present	SF

1.3 Hen Harrier

Table 7 - 4 - 7 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	VP2	19/02/2024	12:26	Hen Harrier	1	31	0	31	0	0	bogs; travelling	LDV

Table 7 - 4 - 8 Hen harrier hen harrier roost survey data

Ref.	HHVP	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	HHVP5	12/10/2022	19:20	Hen Harrier	1	bogs and conifer plantation, flying, flying over, not seen to rise from or land into the bog	CG

Table 7 - 4 - 9 Hen harrier incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	Breeding Walkover Survey; T5	04/07/2023	12:00	Hen Harrier	1	bogs; perched, reported by ecology perched in a hawthorn, description confirms ringtail	ET

1.4 Kingfisher

Table 7 - 4 - 10 Kingfisher waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
KF001	Ballyglass Lough	05/10/2022	10:50	Kingfisher	1	drainage ditches; flying	CG
KF002	Clare Lough	16/02/2023	09:57	Kingfisher	1	eutrophic lakes; perched	CG
KF003	Clare Lough	30/01/2024	10:07	Kingfisher	1	linear woodland/scrub; hunting	CC

1.5 Little Egret

Table 7 - 4 - 11 Little egret waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ET001	Tawny Lough	30/01/2024	12:43	Little Egret	1	linear woodland/scrub; hunting	CC
ET002	Balla	20/02/2025	09:15	Little Egret	1	turloughs; flying	NL

1.6 Merlin

Table 7 - 4 - 12 Merlin 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
ML001	VP2	02/11/2021	14:55	Merlin	1	45	45	0	0	0	bogs and improved grassland; flying, perched, preening, female, perches on post on bog preens for 11minutes	SF
ML002	VP2	07/01/2022	13:16	Merlin	1	35	35	0	0	0	bogs and improved grassland; flying, perched	SF
ML003	VP2	24/11/2023	08:18	Merlin	1	17	17	0	0	0	bogs; commuting, perched	CG

Table 7 - 4 - 13 Merlin incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ML001	Waterbird Distribution Survey; Cunlaghfadda	12/02/2024	13:18	Merlin	1	conifer plantation; travelling, male, flushed driving by	CC

1.7 Peregrine Falcon

Table 7 - 4 - 14 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
PE001	VP2	28/07/2022	08:30	Peregrine Falcon	1	75	0	50	25	0	bogs and improved agricultural grassland; flying, big female	CG
PE002	VP1	16/01/2023	10:05	Peregrine Falcon	1	30	0	30	0	0	improved agricultural grassland; travelling, large size indicated potential adult female	MH

Table 7 - 4 - 15 Peregrine falcon winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
PE001	24/01/2022	11:23	Peregrine Falcon	1	improved agricultural grassland and highly modified/non-native woodland; feeding, feeding on ground then flew off with prey as I approached. adult female.	PDC
PE002	11/10/2024	13:17	Peregrine Falcon	1	bogs; travelling, juvenile, went down on the bog	OC
PE003	11/10/2024	13:55	Peregrine Falcon	1	improved agricultural grassland and bogs; perched, travelling, juvenile, presumed same bird as seen on t1	OC

Table 7 - 4 - 16 Peregrine falcon incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
PE001	Hen Harrier Roost Survey; mossbrook	14/11/2024	16:21	Peregrine Falcon	1	bogs, scrub and improved agricultural grassland; travelling	OC

1.8 Short-eared Owl

Table 7 - 4 - 17 Short-eared owl winter walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
SE001	10/11/2023	09:25		Short-eared Owl	1	improved agricultural grassland; injured, caught in fence	CC

1.9 Whooper Swan

Table 7 - 4 - 18 Whooper swan 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
WS001	VP1	04/11/2021	08:40	Whooper Swan	4	40	40	0	0	0	improved grassland; flying	SF
WS002	VP1	04/11/2021	09:30	Whooper Swan	65	50	0	50	0	0	improved grassland and improved grassland; circling, flying, take flight after shotgun fired	SF
WS003	VP1	04/11/2021	09:42	Whooper Swan	5	35	0	35	0	0	hedgerows, improved grassland and conifer plantation; flying, 214 degrees	SF
WS004	VP1	04/11/2021	09:57	Whooper Swan	1	35	0	35	0	0	hedgerows, improved grassland and conifer plantation; flying	SF
WS005	VP1	04/11/2021	12:39	Whooper Swan	4	35	35	0	0	0	hedgerows, improved grassland and conifer plantation; flying, 10metres height	SF
WS006	VP1	04/11/2021	13:58	Whooper Swan	70	40	40	0	0	0	hedgerows, improved grassland and conifer plantation; flying, take off and fly nw after two shotgun blasts 1-2km to north of vp1	SF
WS007	VP1	30/12/2021	12:56	Whooper Swan	2	35	35	0	0	0	bogs and improved grassland; flying	SF
WS008	VP1	31/01/2022	17:44	Whooper Swan	8	35	35	0	0	0	bogs and improved grassland; calling flying	SF
WS009	VP2	03/02/2022	08:19	Whooper Swan	6	35	35	0	0	0	bogs and improved grassland; flying	SF
WS010	VP2	03/02/2022	09:23	Whooper Swan	1	35	35	0	0	0	bogs and improved grassland; flying	SF
WS011	VP2	03/02/2022	09:25	Whooper Swan	2	35	35	0	0	0	bogs and improved grassland; flying	SF
WS012	VP2	03/02/2022	09:31	Whooper Swan	6	35	35	0	0	0	bogs and improved grassland; flying	SF
WS013	VP1	28/02/2022	10:07	Whooper Swan	1	35	35	0	0	0	bogs and improved grassland; flying	SF
WS014	VP2	21/12/2022	14:05	Whooper Swan	5	-	-	-	-	-	improved agricultural grassland; feeding	CG
WS015	VP2	31/01/2023	17:01	Whooper Swan	6	-	-	-	-	-	improved agricultural grassland; flying, remained in field until end of survey	MH
WS016	VP2	15/03/2023	15:44	Whooper Swan	8	-	-	-	-	-	improved agricultural grassland; feeding	CG
WS017	VP1	23/11/2023	08:24	Whooper Swan	2	137	0	37	100	0	improved agricultural grassland, conifer plantation and bogs; commuting	CG
WS018	VP2	24/11/2023	12:17	Whooper Swan	6	107	37	10	60	0	improved agricultural grassland and bogs; flying, possibly landed in field west of drumady lough	CG
WS019	VP2	24/11/2023	12:51	Whooper Swan	3	18	8	10	0	0	improved agricultural grassland; flying	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
WS020	VP2	24/11/2023	13:11	Whooper Swan	4	85	0	30	55	0	improved agricultural grassland and bogs; flying	CG
WS021	VP2	19/02/2024	14:11	Whooper Swan	11	-	-	-	-	-	improved grassland; foraging, left the field 45min after sunset	LDV
WS022	VP2	19/02/2024	18:39	Whooper Swan	14	47	10	10	27	0	improved grassland and bogs; travelling	LDV
WS023	VP1	20/11/2024	08:05	Whooper Swan	4	25	0	0	25	0	improved agricultural grassland; flying	NS
WS024	VP1	20/11/2024	09:21	Whooper Swan	3	15	10	5	0	0	improved agricultural grassland; flying	NS
WS025	VP1	20/11/2024	09:35	Whooper Swan	3	-	-	-	-	-	improved agricultural grassland; foraging	NS
WS026	VP2	20/03/2025	09:04	Whooper Swan	2	132	0	132	0	0	improved agricultural grassland and bogs; travelling, calling, lost in distance	PDC

Table 7 - 4 - 19 Whooper swan winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
WS001	25/11/2021	12:15	Whooper Swan	6	bogs; travelling	PDC
WS002	24/01/2022	11:21	Whooper Swan	5	improved agricultural grassland and bogs; travelling, grazing in field then flew off as i approached	PDC
WS003	10/02/2022	14:15	Whooper Swan	16	improved agricultural grassland; grazing	JK
WS004	01/03/2022	14:49	Whooper Swan	16	improved agricultural grassland; foraging	PDC
WS005	04/01/2023	11:43	Whooper Swan	7	improved agricultural grassland; feeding	CG
WS006	05/01/2024	09:30	Whooper Swan	7	bogs and improved agricultural grassland; flying	CG
WS007	05/01/2024	11:52	Whooper Swan	7	improved agricultural grassland; foraging, roosting, same birds as seen flying in	CG
WS008	07/02/2024	11:21	Whooper Swan	8	improved agricultural grassland; foraging	CC
WS009	11/10/2024	11:26	Whooper Swan	3	bogs and scrub; travelling	OC
WS010	31/01/2025	00:00	Whooper Swan	5	improved agricultural grassland; foraging	OC
WS011	18/03/2025	10:27	Whooper Swan	8	improved agricultural grassland; grazing, 6 adults, 2 juveniles	PDC

Table 7 - 4 - 20 Whooper swan waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS001	Near freeheen	03/11/2021	13:23	Whooper Swan	11	lakes and ponds and improved grassland; resting, feeding	SF
WS002	Freeheen watercourse	06/11/2021	13:40	Whooper Swan	4	lakes and ponds and improved grassland; on water	SF

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS003	Tawny Lough	07/11/2021	12:49	Whooper Swan	5	lakes and ponds and improved grassland; on water	SF
WS004	Tawny Lough	07/11/2021	13:09	Whooper Swan	43	lakes and ponds and improved grassland; on water	SF
WS005	Tawny Lough	07/11/2021	13:11	Whooper Swan	8	lakes and ponds and improved grassland; on water	SF
WS006	Tawny Lough	03/12/2021	10:44	Whooper Swan	22	lakes and ponds and improved grassland; on water	SF
WS007	Tawny Lough	31/12/2021	09:25	Whooper Swan	63	lakes and ponds and improved grassland; on water	SF
WS008	Drumady Lough	31/12/2021	11:07	Whooper Swan	12	lakes and ponds and improved grassland; on water	SF
WS009	Drumady Lough	31/12/2021	11:32	Whooper Swan	5	lakes and ponds and improved grassland; on water	SF
WS010	Freeheen	31/12/2021	12:10	Whooper Swan	9	lakes and ponds and improved grassland; grazing in field	SF
WS011	Drumady Lough	06/01/2022	11:39	Whooper Swan	13	lakes and ponds and improved grassland; on water	SF
WS012	Drumady Lough	29/01/2022	10:45	Whooper Swan	2	lakes and ponds and improved grassland; on lake	SF
WS013	Lehanagh	01/03/2022	16:15	Whooper Swan	7	lakes and ponds and improved grassland; on lake	SF
WS014	Ballyglass Lough	19/10/2022	12:23	Whooper Swan	6	improved agricultural grassland and wet grassland; flying, flew over the road ahead of the van, continued flying south-west	CG
WS015	Tawny Lough	19/10/2022	14:59	Whooper Swan	2	turloughs; on water	CG
WS016	Ballynacarrick	19/10/2022	15:03	Whooper Swan	9	turloughs; on water	CG
WS017	Facefield	24/11/2022	08:25	Whooper Swan	5	turloughs; on water	CG
WS018	Gortnaraha	24/11/2022	08:32	Whooper Swan	15	turloughs; feeding	CG
WS019	Balla	24/11/2022	09:38	Whooper Swan	7	turloughs; feeding	CG
WS020	Shanrawy	24/11/2022	10:17	Whooper Swan	7	turloughs; feeding	CG
WS021	Balla	02/12/2022	11:43	Whooper Swan	11	turloughs; feeding	CG
WS022	Shanrawy	02/12/2022	11:51	Whooper Swan	22	turloughs; feeding	CG
WS023	Facefield	12/12/2022	09:48	Whooper Swan	7	turloughs; flying	CG
WS024	Tawny Lough	12/12/2022	09:57	Whooper Swan	6	turloughs; resting on ice	CG
WS025	Lehanagh	12/12/2022	10:44	Whooper Swan	1	turloughs; on water	CG
WS026	On site	22/12/2022	09:47	Whooper Swan	2	improved agricultural grassland; feeding	CG
WS027	Lehanagh	22/12/2022	11:36	Whooper Swan	1	turloughs; on water	CG
WS028	Balla	22/12/2022	11:45	Whooper Swan	2	turloughs; on water	CG
WS029	Tawny Lough	22/12/2022	11:56	Whooper Swan	15	turloughs; feeding	CG
WS030	Facefield	06/01/2023	10:40	Whooper Swan	5	improved agricultural grassland and turloughs; feeding	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS031	Gortnaraha	06/01/2023	11:04	Whooper Swan	2	improved agricultural grassland and turloughs; feeding	CG
WS032	Tawny Lough	06/01/2023	11:23	Whooper Swan	29	turloughs; on water, 3 took off flying south	CG
WS033	Balla	06/01/2023	11:47	Whooper Swan	6	turloughs; on water, 4 took off flying west	CG
WS034	On site	06/01/2023	12:35	Whooper Swan	7	improved agricultural grassland; feeding	CG
WS035	On site	25/01/2023	11:52	Whooper Swan	6	improved agricultural grassland; resting, 6 in farmer's field	MH
WS036	Tawny Lough	25/01/2023	12:30	Whooper Swan	30	turloughs; travelling, feeding	MH
WS037	Facefield	03/02/2023	09:59	Whooper Swan	12	turloughs; on water	CG
WS038	Gortnaraha	03/02/2023	10:03	Whooper Swan	9	improved agricultural grassland; feeding, feeding in field	CG
WS039	Tawny Lough	03/02/2023	10:29	Whooper Swan	31	turloughs; feeding	CG
WS040	Balla	03/02/2023	11:07	Whooper Swan	12	turloughs; feeding	CG
WS041	Lehanagh	03/02/2023	11:33	Whooper Swan	3	turloughs; feeding	CG
WS042	Ballynacarrick	16/02/2023	10:21	Whooper Swan	8	turloughs; on water	CG
WS043	Tawny Lough	16/02/2023	10:31	Whooper Swan	32	turloughs; on water	CG
WS044	Balla	16/02/2023	11:11	Whooper Swan	4	turloughs; on water	CG
WS045	Ballynacarrick	03/03/2023	09:56	Whooper Swan	32	turloughs; on water	CG
WS046	Tawny Lough	03/03/2023	10:35	Whooper Swan	17	improved agricultural grassland; feeding	CG
WS047	On site	03/03/2023	12:03	Whooper Swan	8	improved agricultural grassland; feeding	CG
WS048	On site	23/03/2023	09:42	Whooper Swan	8	improved agricultural grassland; feeding	CG
WS049	Balla	23/03/2023	10:56	Whooper Swan	17	improved agricultural grassland and turloughs; feeding	CG
WS050	Ballynacarrick	05/04/2023	11:35	Whooper Swan	8	improved grassland; grazing	LDV
WS051	Balla	20/10/2023	11:51	Whooper Swan	15	improved agricultural grassland; foraging, resting, 2 signets	CC
WS052	Tawny Lough	20/10/2023	13:04	Whooper Swan	4	lakes and ponds; foraging, landed while surveying	CC
WS053	Balla	03/11/2023	14:52	Whooper Swan	8	improved agricultural grassland; feeding	CC
WS054	Facefield	16/11/2023	10:00	Whooper Swan	9	lakes and ponds; foraging, commuting, 6 signets	CC
WS055	Balla	16/11/2023	10:57	Whooper Swan	20	lakes and ponds; foraging, rough estimate, no where to stop due to road works	CC
WS056	Tawny Lough	20/12/2023	12:53	Whooper Swan	68	lakes and ponds; roosting, foraging	SD
WS057	Hollymount	04/01/2024	11:15	Whooper Swan	2	watercourses; roosting, on water	SD
WS058	Pollawaddy	04/01/2024	12:03	Whooper Swan	11	watercourses and improved agricultural grassland; travelling, flying north	SD

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS059	Pollawaddy	04/01/2024	12:12	Whooper Swan	4	watercourses; roosting, couldn't stop due to roadworks, more birds present	SD
WS060	flooded field	04/01/2024	12:14	Whooper Swan	6	watercourses; roosting	SD
WS061	flooded field	04/01/2024	12:17	Whooper Swan	3	watercourses; roosting	SD
WS062	Tawny Lough	04/01/2024	12:38	Whooper Swan	2	watercourses; roosting	SD
WS063	Tawny Lough	04/01/2024	12:40	Whooper Swan	34	watercourses; roosting	SD
WS064	Balla	30/01/2024	12:26	Whooper Swan	72	improved agricultural grassland; grazing, swimming, resting	CC
WS065	freeheen	30/01/2024	12:49	Whooper Swan	18	improved agricultural grassland; foraging	CC
WS066	On site	12/02/2024	13:14	Whooper Swan	6	improved agricultural grassland; foraging, resting	CC
WS067	Balla	12/02/2024	14:45	Whooper Swan	33	improved agricultural grassland; foraging, swimming	CC
WS068	Drumady Lough	26/02/2024	07:25	Whooper Swan	5	watercourses; swimming	CC
WS069	Tawny Lough	26/02/2024	08:00	Whooper Swan	44	watercourses; resting, swimming, foraging	CC
WS070	On site	07/03/2024	09:48	Whooper Swan	7	improved agricultural grassland; foraging	CC
WS071	Drumady Lough	07/03/2024	09:58	Whooper Swan	2	lakes and ponds; swimming	CC
WS072	Tawny Lough	07/03/2024	10:33	Whooper Swan	22	lakes and ponds; swimming, taking off	CC
WS073	Balla	07/03/2024	10:56	Whooper Swan	1	lakes and ponds; swimming	CC
WS074	Balla	07/03/2024	10:57	Whooper Swan	3	lakes and ponds; swimming	CC
WS075	Mayo abbey	07/03/2024	11:19	Whooper Swan	8	improved agricultural grassland; foraging	CC
WS076	Tawny Lough	20/03/2024	08:31	Whooper Swan	9	turloughs; foraging	CC
WS077	Balla	20/03/2024	09:15	Whooper Swan	4	lakes and ponds; flying	CC
WS078	Knockadorraghy	04/04/2024	13:47	Whooper Swan	5	improved agricultural grassland; grazing	MH
WS079	Balla	04/04/2024	14:34	Whooper Swan	13	lakes and ponds; grazing	MH
WS080	On site	28/11/2024	09:05	Whooper Swan	3	improved agricultural grassland; foraging	JG
WS081	lough fark	28/11/2024	09:30	Whooper Swan	4	acid oligotrophic lakes; foraging	JG
WS082	balla	28/11/2024	10:03	Whooper Swan	9	turloughs; foraging	JG
WS083	On site	04/12/2024	08:25	Whooper Swan	3	improved agricultural grassland; flying, foraging, sunrise at 8:36. not roosting in this field	NL
WS084	Balla	04/12/2024	09:12	Whooper Swan	32	improved agricultural grassland and turloughs; foraging	NL
WS085	Balla	17/12/2024	09:36	Whooper Swan	35	turloughs; foraging, approximate count due to poor visibility	NL
WS086	Tawny Lough	17/12/2024	10:07	Whooper Swan	10	turloughs; foraging	NL

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS087	Tawny Lough	17/12/2024	10:08	Whooper Swan	18	turloughs; foraging	NL
WS088	Tawny Lough	14/01/2025	11:30	Whooper Swan	15	lakes and ponds; foraging	PDC
WS089	Ballynacarrick	14/01/2025	11:58	Whooper Swan	8	improved agricultural grassland; foraging, grazing on hillside	PDC
WS090	Garhawnagh	28/01/2025	10:59	Whooper Swan	44	improved agricultural grassland; foraging	PDC
WS091	On site	12/02/2025	08:00	Whooper Swan	5	improved agricultural grassland; foraging	NL
WS092	Tawny Lough	20/02/2025	09:12	Whooper Swan	25	turloughs; foraging	NL
WS093	Balla	20/02/2025	09:15	Whooper Swan	2	turloughs; foraging	NL
WS094	Mayo Abbey	12/03/2025	08:25	Whooper Swan	5	lakes and ponds; grazing	NL
WS095	Lehanagh	12/03/2025	08:29	Whooper Swan	1	lakes and ponds; swimming	NL
WS096	balla	12/03/2025	08:38	Whooper Swan	21	improved agricultural grassland; grazing	NL
WS097	balla	12/03/2025	08:41	Whooper Swan	22	improved agricultural grassland; grazing	NL
WS098	Tawny Lough	12/03/2025	09:07	Whooper Swan	11	improved agricultural grassland; grazing	NL
WS099	Tawny Lough	12/03/2025	09:17	Whooper Swan	7	lakes and ponds; foraging	NL
WS100	Gortnaraha	12/03/2025	09:24	Whooper Swan	2	lakes and ponds; foraging	NL
WS101	Gortnaraha	12/03/2025	09:26	Whooper Swan	5	improved agricultural grassland; grazing	NL
WS102	Tawny Lough	27/03/2025	11:09	Whooper Swan	9	improved agricultural grassland; foraging	NL
WS103	Tawny Lough	27/03/2025	11:18	Whooper Swan	3	turloughs; flying	NL

Table 7 - 4 - 21 Whooper swan incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS001	Hen Harrier Roost Survey; HHVP6	03/11/2021	17:25	Whooper Swan	9	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
WS002	Hen Harrier Roost Survey; HHVP6	03/11/2021	17:47	Whooper Swan	7	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
WS003	Hen Harrier Roost Survey; HHVP6	03/03/2022	16:35	Whooper Swan	7	cutover bog, conifer plantation and bog woodland; flying	SF
WS004	Hen Harrier Roost Survey; HHVP6	13/12/2022	14:45	Whooper Swan	5	bogs; flying	LG
WS005	Hen Harrier Roost Survey; HHVP6	13/12/2022	15:50	Whooper Swan	3	hedgerows and bogs; flying	LG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WS006	Hen Harrier Roost Survey; HHVP1	01/02/2023	17:56	Whooper Swan	3	bogs and improved agricultural grassland; calling, heard small number of individuals calling in flight. flock not visible	CG
WS007	Hen Harrier Roost Survey; HHVP5	29/03/2023	19:05	Whooper Swan	22	improved agricultural grassland; flying over	CG
WS008	Hen Harrier Roost Survey; hhvp6, clogherduff	09/10/2024	19:03	Whooper Swan	4	conifer plantation, cutover bog and scrub; flying, at sunset flying towards the site	JG
WS009	Vantage Point Survey; Cloonsaul	10/02/2025	14:59	Whooper Swan	7	improved agricultural grassland; foraging, i walked down the bog road during my break to warm up and came across the whoopers in their usual field	PDC
WS010	Vantage Point Survey; VP1	11/02/2025	12:00	Whooper Swan	6	improved agricultural grassland; foraging	CG
WS011	Vantage Point Survey; Cloonsaul	20/03/2025	09:51	Whooper Swan	8	improved agricultural grassland; foraging, walked down to the whooper field during my break	PDC

1.10 Black-headed Gull

Table 7 - 4 - 22 Black-headed gull 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
BH001	VP1	30/11/2021	13:12	Black-headed Gull	1	60	60	0	0	0	bogs and improved grassland; flying	SF
BH002	VP2	08/06/2022	13:53	Black-headed Gull	1	40	0	0	40	0	bogs and semi-natural grassland; flying over	PJ
BH003	VP2	08/06/2022	16:12	Black-headed Gull	1	48	20	28	0	0	semi-natural grassland, improved grassland and bogs; travelling	PJ
BH004	VP1	28/06/2022	13:11	Black-headed Gull	21	39	9	30	0	0	improved grassland; flying	PJ
BH005	VP1	08/06/2023	13:45	Black-headed Gull	1	85	40	45	0	0	improved grassland; travelling	LDV
BH006	VP1	08/06/2023	14:58	Black-headed Gull	1	185	0	0	185	0	improved grassland; travelling, with lesser black-backed gull	LDV
BH007	VP1	08/06/2023	15:43	Black-headed Gull	1	10	0	10	0	0	improved grassland; travelling, picked up while observing the kestrel	LDV
BH008	VP1	08/06/2023	17:48	Black-headed Gull	1	46	20	26	0	0	improved grassland; travelling	LDV
BH009	VP1	03/07/2023	11:16	Black-headed Gull	1	47	47	0	0	0	improved agricultural grassland and bogs; travelling	MH
BH010	VP1	10/06/2024	09:15	Black-headed Gull	1	35	0	15	20	0	improved agricultural grassland; commuting	CG

Table 7 - 4 - 23 Black-headed gull waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH001	Tawny Lough	27/02/2022	09:30	Black-headed Gull	2	lakes and ponds and improved grassland; on lake	SF
BH002	Tawny Lough	01/03/2022	14:30	Black-headed Gull	1	lakes and ponds and improved grassland; on lake	SF
BH003	Facefield	01/03/2022	14:35	Black-headed Gull	1	turloughs and improved grassland; on lake	SF
BH004	Tawny Lough	29/03/2022	08:15	Black-headed Gull	8	lakes and ponds and improved grassland; on lake	SF
BH005	Lehanagh	12/12/2022	10:45	Black-headed Gull	1	turloughs; on water	CG
BH006	Clare Lough	12/12/2022	13:47	Black-headed Gull	1	eutrophic lakes; perched	CG
BH007	Balla	06/01/2023	11:52	Black-headed Gull	1	turloughs; on water	CG
BH008	Tawny Lough	16/02/2023	10:43	Black-headed Gull	2	turloughs; feeding	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH009	Lehanagh	03/03/2023	10:52	Black-headed Gull	35	turloughs; in flight	CG
BH010	Tawny Lough	05/04/2023	12:08	Black-headed Gull	4	lakes and ponds; foraging	LDV
BH011	Tawny Lough	18/04/2023	11:44	Black-headed Gull	5	turloughs; foraging	LDV
BH012	Tawny Lough	07/03/2024	10:32	Black-headed Gull	1	lakes and ponds; perched	CC
BH013	Balla	07/03/2024	10:58	Black-headed Gull	3	lakes and ponds; perched	CC
BH014	Lehanagh	07/03/2024	11:10	Black-headed Gull	36	other artificial lakes and ponds and improved agricultural grassland; travelling, swimming, resting	CC
BH015	Tawny Lough	20/03/2024	08:36	Black-headed Gull	2	turloughs; perched	CC
BH016	Balla	20/03/2024	09:13	Black-headed Gull	4	lakes and ponds; perched	CC
BH017	Shanrawy	20/03/2024	09:25	Black-headed Gull	2	turloughs; swimming	CC
BH018	Shanrawy	20/03/2024	09:26	Black-headed Gull	24	improved agricultural grassland; resting	CC
BH019	Shanrawy	04/04/2024	14:06	Black-headed Gull	2	improved agricultural grassland and turloughs; on water	MH
BH020	Balla	04/04/2024	14:33	Black-headed Gull	11	lakes and ponds; perched	MH
BH021	Balla	16/04/2024	14:36	Black-headed Gull	2	lakes and ponds; travelling	MH
BH022	Ballynacarrick	24/05/2024	10:25	Black-headed Gull	1	lakes and ponds; flying	NL
BH023	Lehanagh	04/12/2024	08:57	Black-headed Gull	1	turloughs; flying	NL
BH024	Lehanagh	04/12/2024	10:53	Black-headed Gull	1	lakes and ponds; perched	NL
BH025	Lehanagh	12/02/2025	10:10	Black-headed Gull	1	improved agricultural grassland; flying	NL
BH026	Balla	20/02/2025	09:16	Black-headed Gull	1	turloughs; flying	NL
BH027	Balla	12/03/2025	08:39	Black-headed Gull	16	lakes and ponds; perched	NL
BH028	Tawny Lough	12/03/2025	09:12	Black-headed Gull	3	lakes and ponds; perched	NL
BH029	Balla	27/03/2025	10:47	Black-headed Gull	3	lakes and ponds; perched	NL
BH030	Logaturrin	03/04/2025	11:38	Black-headed Gull	5	lakes and ponds; foraging	PM
BH031	Pollawaddy	03/04/2025	11:42	Black-headed Gull	10	lakes and ponds; foraging	PM
BH032	Ballynacarrick	03/04/2025	12:19	Black-headed Gull	6	improved agricultural grassland; foraging	PM

Table 7 - 4 - 24 Black-headed gull incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BH001	Breeding Raptor Survey; BRVP4	06/06/2024	16:13	Black-headed Gull	1	bogs, improved agricultural grassland and conifer plantation; travelling	MH

1.11 Common Gull

Table 7 - 4 - 25 Common gull breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
CM001	27/07/2022	06:08		Common Gull	1	semi-natural grassland and cutover bog; flying	JS

Table 7 - 4 - 26 Common gull incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CM001	Breeding Raptor Survey; BRVP1	19/07/2022	10:12	Common Gull	2	improved agricultural grassland and mixed broadleaved woodland; flying	JS
CM002	Breeding Raptor Survey; BRVP5	19/07/2022	10:20	Common Gull	2	linear woodland/scrub and improved agricultural grassland; flying	CC
CM003	Breeding Raptor Survey; BRVP4	20/07/2022	09:36	Common Gull	1	conifer plantation; flying	CC
CM004	Breeding Raptor Survey; BRVP6	20/07/2022	14:40	Common Gull	1	cutover bog; flying	CC
CM005	Breeding Woodcock Survey; Cunlaghfadda	06/05/2025	21:10	Common Gull	1	improved agricultural grassland; flying	LM

1.12 Lesser Black-backed Gull

Table 7 - 4 - 27 Lesser Black-backed Gull 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
LB001	VP1	28/02/2022	08:44	Lesser Black-backed Gull	2	35	35	0	0	0	bogs and improved grassland; flying	SF
LB002	VP1	28/03/2022	14:50	Lesser Black-backed Gull	10	35	0	35	0	0	bogs and improved grassland; soaring, flying	SF
LB003	VP1	28/03/2022	18:54	Lesser Black-backed Gull	2	35	35	0	0	0	bogs and improved grassland; flying	SF
LB004	VP1	02/04/2022	08:11	Lesser Black-backed Gull	1	35	35	0	0	0	flying, calling	SF
LB005	VP1	02/04/2022	08:30	Lesser Black-backed Gull	1	35	35	0	0	0	flying	SF
LB006	VP1	02/04/2022	08:44	Lesser Black-backed Gull	2	35	35	0	0	0	flying	SF
LB007	VP1	02/04/2022	09:00	Lesser Black-backed Gull	3	35	35	0	0	0	soaring, flying	SF
LB008	VP1	02/04/2022	11:00	Lesser Black-backed Gull	1	35	35	0	0	0	flying	SF
LB009	VP1	02/04/2022	11:14	Lesser Black-backed Gull	3	35	0	0	35	0	soaring, flying	SF
LB010	VP1	02/04/2022	12:11	Lesser Black-backed Gull	1	35	35	0	0	0	flying	SF
LB011	VP2	10/05/2022	20:18	Lesser Black-backed Gull	1	47	47	0	0	0	semi-natural grassland and bogs; flying	PJ
LB012	VP2	08/06/2022	12:32	Lesser Black-backed Gull	1	34	5	10	10	0	improved grassland; flying	PJ
LB013	VP2	08/06/2022	15:34	Lesser Black-backed Gull	1	66	0	46	20	0	semi-natural grassland and bogs; travelling	PJ
LB014	VP2	08/06/2022	15:54	Lesser Black-backed Gull	1	58	0	58	0	0	semi-natural grassland and bogs; travelling	PJ
LB015	VP1	28/06/2022	11:08	Lesser Black-backed Gull	4	60	0	30	30	0	improved grassland; gliding	PJ
LB016	VP1	28/06/2022	11:31	Lesser Black-backed Gull	1	38	8	20	10	0	improved grassland; flying	PJ
LB017	VP1	28/06/2022	11:51	Lesser Black-backed Gull	1	27	7	20	0	0	improved grassland and dense bracken; flying	PJ

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB018	VP1	28/06/2022	12:09	Lesser Black-backed Gull	1	22	7	15	0	0	improved grassland; flying	PJ
LB019	VP1	28/06/2022	12:36	Lesser Black-backed Gull	1	15	0	15	0	0	improved grassland; flying	PJ
LB020	VP1	28/06/2022	12:45	Lesser Black-backed Gull	1	37	0	37	0	0	improved grassland; flying	PJ
LB021	VP1	28/06/2022	13:13	Lesser Black-backed Gull	5	48	0	30	18	0	improved grassland; flying	PJ
LB022	VP1	28/06/2022	13:25	Lesser Black-backed Gull	6	-	-	-	-	-	improved grassland; foraging	PJ
LB023	VP2	28/07/2022	07:21	Lesser Black-backed Gull	2	55	0	55	0	0	bogs; travelling	CG
LB024	VP2	28/07/2022	08:07	Lesser Black-backed Gull	1	98	0	98	0	0	bogs and improved agricultural grassland; flying	CG
LB025	VP2	28/07/2022	08:35	Lesser Black-backed Gull	1	30	0	30	0	0	bogs and improved agricultural grassland; travelling	CG
LB026	VP1	29/07/2022	07:52	Lesser Black-backed Gull	1	42	0	42	0	0	improved agricultural grassland, conifer plantation and wet grassland; travelling	CG
LB027	VP1	29/07/2022	08:02	Lesser Black-backed Gull	1	259	0	0	259	0	improved agricultural grassland, conifer plantation and wet grassland; travelling	CG
LB028	VP1	29/07/2022	09:14	Lesser Black-backed Gull	1	82	22	60	0	0	improved agricultural grassland, conifer plantation and bogs; travelling	CG
LB029	VP1	29/07/2022	09:26	Lesser Black-backed Gull	1	67	11	56	0	0	bogs, conifer plantation and wet grassland; travelling	CG
LB030	VP1	29/07/2022	10:56	Lesser Black-backed Gull	1	40	15	25	0	0	wet grassland and conifer plantation; travelling	CG
LB031	VP1	29/07/2022	12:11	Lesser Black-backed Gull	1	78	0	18	50	0	wet grassland, improved agricultural grassland and bogs; travelling	CG
LB032	VP1	08/03/2023	14:57	Lesser Black-backed Gull	2	78	8	10	60	0	improved agricultural grassland; flying, landed in field	CG
LB033	VP1	08/03/2023	15:03	Lesser Black-backed Gull	3	126	6	20	100	0	improved agricultural grassland; flying	CG
LB034	VP2	16/05/2023	15:55	Lesser Black-backed Gull	1	116	0	0	116	0	improved agricultural grassland and bogs; soaring	CG
LB035	VP2	16/05/2023	16:05	Lesser Black-backed Gull	2	127	0	0	127	0	improved agricultural grassland and bogs; flying	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB036	VP2	16/05/2023	19:46	Lesser Black-backed Gull	3	68	0	0	68	0	bogs and improved agricultural grassland; travelling	CG
LB037	VP1	08/06/2023	14:45	Lesser Black-backed Gull	1	117	0	0	117	0	improved grassland and bogs; travelling	LDV
LB038	VP1	08/06/2023	14:49	Lesser Black-backed Gull	3	135	0	0	135	0	improved grassland; travelling	LDV
LB039	VP1	08/06/2023	14:52	Lesser Black-backed Gull	1	57	0	0	57	0	improved grassland and bogs; travelling	LDV
LB040	VP1	08/06/2023	14:56	Lesser Black-backed Gull	2	150	0	0	150	0	improved grassland and bogs; travelling	LDV
LB041	VP1	08/06/2023	14:57	Lesser Black-backed Gull	5	185	0	0	185	0	improved grassland; travelling	LDV
LB042	VP1	08/06/2023	15:09	Lesser Black-backed Gull	2	155	0	0	155	0	improved grassland; travelling	LDV
LB043	VP1	08/06/2023	15:49	Lesser Black-backed Gull	1	69	0	69	0	0	improved grassland; travelling	LDV
LB044	VP1	08/06/2023	18:19	Lesser Black-backed Gull	1	48	0	48	0	0	improved grassland, bogs and highly modified/non-native woodland; travelling	LDV
LB045	VP1	08/06/2023	18:36	Lesser Black-backed Gull	2	145	0	0	145	0	improved grassland and scrub/transitional woodland; travelling	LDV
LB046	VP1	08/06/2023	19:09	Lesser Black-backed Gull	1	75	65	10	0	0	improved grassland; travelling	LDV
LB047	VP1	08/06/2023	19:23	Lesser Black-backed Gull	1	78	60	18	0	0	improved grassland and bogs; travelling	LDV
LB048	VP1	08/06/2023	19:31	Lesser Black-backed Gull	4	96	0	0	96	0	improved grassland; travelling	LDV
LB049	VP1	08/06/2023	19:42	Lesser Black-backed Gull	2	82	0	0	82	0	improved grassland; travelling	LDV
LB050	VP2	22/06/2023	08:57	Lesser Black-backed Gull	1	63	0	63	0	0	bogs; travelling	LDV
LB051	VP2	22/06/2023	12:29	Lesser Black-backed Gull	1	56	0	56	0	0	bogs; travelling	LDV
LB052	VP2	22/06/2023	14:54	Lesser Black-backed Gull	1	10	0	0	10	0	bogs; travelling, picked up while observing a kestrel	LDV
LB053	VP1	03/07/2023	10:45	Lesser Black-backed Gull	1	62	0	62	0	0	improved agricultural grassland and bogs; travelling	MH

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB054	VP1	10/08/2023	11:36	Lesser Black-backed Gull	2	102	0	102	0	0	improved grassland, conifer plantation and linear woodland/scrub; travelling	LDV
LB055	VP1	05/04/2024	14:25	Lesser Black-backed Gull	2	121	121	0	0	0	improved agricultural grassland and bogs; travelling	MH
LB056	VP1	05/04/2024	17:32	Lesser Black-backed Gull	1	32	32	0	0	0	improved agricultural grassland and bogs; travelling	MH
LB057	VP1	05/04/2024	18:06	Lesser Black-backed Gull	2	16	16	0	0	0	improved agricultural grassland; travelling	MH
LB058	VP1	05/04/2024	18:27	Lesser Black-backed Gull	3	25	0	25	0	0	improved agricultural grassland; travelling	MH
LB059	VP2a	12/04/2024	16:31	Lesser Black-backed Gull	1	27	0	27	0	0	bogs and improved agricultural grassland; travelling	MH
LB060	VP1	03/05/2024	06:18	Lesser Black-backed Gull	2	31	31	0	0	0	improved agricultural grassland; travelling	MH
LB061	VP2a	08/05/2024	07:45	Lesser Black-backed Gull	2	37	0	37	0	0	bogs and improved agricultural grassland; travelling	MH
LB062	VP1	10/06/2024	09:20	Lesser Black-backed Gull	5	40	15	25	0	0	improved agricultural grassland; commuting	CG
LB063	VP1	10/06/2024	13:37	Lesser Black-backed Gull	45	-	-	-	-	-	improved agricultural grassland; foraging, following tractors around field as grass was cut.	CG
LB064	VP1	10/06/2024	14:58	Lesser Black-backed Gull	1	20	10	10	0	0	conifer plantation and improved agricultural grassland; commuting	CG
LB065	VP2a	20/06/2024	10:11	Lesser Black-backed Gull	3	71	0	0	71	0	bogs; travelling	LDV
LB066	VP2a	20/06/2024	11:34	Lesser Black-backed Gull	1	37	0	37	0	0	bogs; travelling	LDV
LB067	VP2a	20/06/2024	11:44	Lesser Black-backed Gull	2	59	0	0	59	0	improved grassland; travelling	LDV
LB068	VP2a	20/06/2024	13:39	Lesser Black-backed Gull	1	68	0	50	18	0	bogs and scrub/transitional woodland; travelling	LDV
LB069	VP2a	20/06/2024	13:43	Lesser Black-backed Gull	1	28	0	0	28	0	bogs; travelling	LDV
LB070	VP2a	20/06/2024	14:38	Lesser Black-backed Gull	1	55	0	0	55	0	improved grassland and bogs; travelling	LDV
LB071	VP2a	20/06/2024	14:45	Lesser Black-backed Gull	2	58	0	0	58	0	bogs; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB072	VP2a	20/06/2024	14:53	Lesser Black-backed Gull	1	68	0	0	68	0	bogs; travelling	LDV
LB073	VP2a	20/06/2024	15:13	Lesser Black-backed Gull	2	31	0	11	20	0	bogs; travelling	LDV
LB074	VP2a	20/06/2024	15:38	Lesser Black-backed Gull	2	67	0	0	67	0	improved grassland and bogs; travelling	LDV
LB075	VP1	04/07/2024	09:44	Lesser Black-backed Gull	1	22	22	0	0	0	improved agricultural grassland; travelling	MH
LB076	VP1	04/07/2024	10:12	Lesser Black-backed Gull	1	27	0	27	0	0	improved agricultural grassland; travelling	MH
LB077	VP1	07/08/2024	07:34	Lesser Black-backed Gull	1	15	0	15	0	0	turloughs and improved agricultural grassland; travelling	PDC
LB078	VP1	07/08/2024	11:09	Lesser Black-backed Gull	1	126	0	0	126	0	improved agricultural grassland and bogs; travelling	PDC
LB079	VP1	07/08/2024	11:11	Lesser Black-backed Gull	7	177	0	0	177	0	improved agricultural grassland; travelling	PDC
LB080	VP1	07/08/2024	11:11	Lesser Black-backed Gull	1	55	0	0	55	0	improved agricultural grassland; travelling, broke away from flock of 7	PDC
LB081	VP1	07/08/2024	11:13	Lesser Black-backed Gull	1	22	0	0	22	0	improved agricultural grassland; travelling	PDC
LB082	VP1	07/08/2024	11:53	Lesser Black-backed Gull	1	17	0	0	17	0	bogs; travelling	PDC
LB083	VP2a	08/08/2024	10:58	Lesser Black-backed Gull	1	34	0	34	0	0	improved agricultural grassland and bogs; travelling	MH
LB084	VP1	02/09/2024	10:29	Lesser Black-backed Gull	1	82	0	0	82	0	bogs and improved agricultural grassland; travelling, lost behind trees	PDC
LB085	VP1	02/09/2024	11:02	Lesser Black-backed Gull	1	33	0	0	33	0	improved agricultural grassland; travelling, lost behind trees	PDC
LB086	VP2a	20/03/2025	11:54	Lesser Black-backed Gull	1	33	33	0	0	0	improved agricultural grassland and bogs; travelling	PDC
LB087	VP1	24/03/2025	08:19	Lesser Black-backed Gull	1	27	27	0	0	0	improved agricultural grassland and bogs; travelling	PDC
LB088	VP1	24/03/2025	09:49	Lesser Black-backed Gull	1	52	0	52	0	0	improved agricultural grassland and bogs; travelling	PDC
LB089	VP1	24/03/2025	10:17	Lesser Black-backed Gull	2	84	0	84	0	0	improved agricultural grassland; mobbing, travelling, calling, mobbed the second buzzard	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB090	VP1	24/03/2025	11:40	Lesser Black-backed Gull	114	82	0	82	0	0	improved agricultural grassland; travelling, circling, calling, i think they were all lesser black-backed gulls. the flock kept splitting and then joining up again. not all 114 came into the viewshed, but it was impossible to keep track.	PDC
LB091	VP1	24/03/2025	11:42	Lesser Black-backed Gull	5	53	0	53	0	0	improved agricultural grassland; travelling	PDC
LB092	VP1	17/04/2025	15:50	Lesser Black-backed Gull	1	-	-	-	-	-	improved agricultural grassland; calling	CG
LB093	VP1	17/04/2025	18:25	Lesser Black-backed Gull	2	95	0	35	60	0	improved agricultural grassland; commuting	CG
LB094	VP1	17/04/2025	19:17	Lesser Black-backed Gull	3	45	0	25	20	0	improved agricultural grassland; commuting	CG
LB095	VP2a	28/04/2025	20:00	Lesser Black-backed Gull	1	150	0	0	150	0	improved agricultural grassland and cutover bog; commuting	CG
LB096	VP2a	19/05/2025	06:12	Lesser Black-backed Gull	1	41	0	0	41	0	bogs and improved agricultural grassland; travelling, lost close to low sun	PDC
LB097	VP1	21/05/2025	05:20	Lesser Black-backed Gull	1	31	0	31	0	0	bogs; travelling, lost behind treeline	PDC
LB098	VP1	21/05/2025	10:15	Lesser Black-backed Gull	3	211	0	0	211	0	improved agricultural grassland; travelling, soaring	PDC
LB099	VP2a	17/06/2025	11:19	Lesser Black-backed Gull	1	174	0	74	100	0	cutover bog and improved agricultural grassland; commuting	CG
LB100	VP2a	17/06/2025	11:20	Lesser Black-backed Gull	1	198	0	68	130	0	cutover bog and improved agricultural grassland; commuting	CG
LB101	VP2a	17/06/2025	14:33	Lesser Black-backed Gull	1	34	0	34	0	0	cutover bog and improved agricultural grassland; commuting	CG
LB102	VP1	19/06/2025	06:57	Lesser Black-backed Gull	1	45	45	0	0	0	improved agricultural grassland; commuting	CG
LB103	VP1	19/06/2025	07:46	Lesser Black-backed Gull	1	99	29	20	70	0	improved agricultural grassland; commuting	CG
LB104	VP1	19/06/2025	10:00	Lesser Black-backed Gull	1	68	0	24	44	0	improved agricultural grassland; commuting	CG
LB105	VP1	03/07/2025	12:44	Lesser Black-backed Gull	2	45	0	20	25	0	improved agricultural grassland; travelling	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
LB106	VP2a	04/07/2025	15:23	Lesser Black-backed Gull	1	20	5	5	10	0	improved agricultural grassland and cutover bog; travelling	CG
LB107	VP1	25/08/2025	16:20	Lesser Black-backed Gull	1	43	0	0	43	0	improved grassland; flying	LM
LB108	VP1	25/08/2025	16:20	Lesser Black-backed Gull	2	21	0	0	21	0	improved grassland; flying	LM
LB109	VP1	25/08/2025	16:52	Lesser Black-backed Gull	1	88	0	0	88	0	improved grassland; flying	LM
LB110	VP1	25/08/2025	17:00	Lesser Black-backed Gull	1	20	0	0	20	0	improved grassland; flying	LM

Table 7 - 4 - 28 Lesser black-backed gull winter walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
LB001	05/01/2024	10:12		Lesser Black-backed Gull	1	wet grassland and bogs; flying	CG
LB002	18/03/2025	10:20		Lesser Black-backed Gull	5	improved agricultural grassland; travelling	PDC
LB003	18/03/2025	10:22		Lesser Black-backed Gull	1	bogs and improved agricultural grassland; travelling	PDC
LB004	18/03/2025	10:28		Lesser Black-backed Gull	2	improved agricultural grassland; travelling	PDC

Table 7 - 4 - 29 Lesser black-backed gull breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
LB001	29/06/2022	14:43		Lesser Black-backed Gull	1	improved grassland; flying (singing male; possible breeder)	PJ
LB002	27/07/2022	06:28		Lesser Black-backed Gull	1	improved agricultural grassland; flying	JS
LB003	27/07/2022	06:39		Lesser Black-backed Gull	3	improved agricultural grassland; flying	JS
LB004	27/07/2022	07:34		Lesser Black-backed Gull	4	cutover bog; flying	JS
LB005	27/07/2022	07:51		Lesser Black-backed Gull	4	cutover bog; flying	JS
LB006	27/07/2022	09:23		Lesser Black-backed Gull	1	improved agricultural grassland and highly modified/non-native woodland; flying	JS
LB007	14/04/2023	12:00		Lesser Black-backed Gull	1	bogs and wet grassland; flying (flyover; non-breeding)	CG
LB008	18/05/2023	12:16		Lesser Black-backed Gull	1	bogs; flying (flyover; non-breeding)	CG
LB009	05/07/2023	11:56		Lesser Black-backed Gull	1	bogs; travelling (flyover; non-breeding)	MH
LB010	05/07/2023	12:21		Lesser Black-backed Gull	1	improved agricultural grassland and bogs; travelling (flyover; non-breeding)	MH

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
LB011	07/05/2024	12:15		Lesser Black-backed Gull	16	improved agricultural grassland and bogs; feeding, travelling (flyover; non-breeding)	MH
LB012	07/06/2024	08:25		Lesser Black-backed Gull	1	conifer plantation, improved agricultural grassland and cutover bog; commuting (flyover; non-breeding)	CG
LB013	29/04/2025	13:00		Lesser Black-backed Gull	4	bogs and scrub/transitional woodland; flying (flyover; non-breeding)	JD
LB014	18/06/2025	06:12		Lesser Black-backed Gull	1	cutover bog and improved agricultural grassland; commuting (flyover; non-breeding)	CG
LB015	18/06/2025	06:50		Lesser Black-backed Gull	4	improved agricultural grassland; foraging (flyover; non-breeding)	CG
LB016	18/06/2025	06:51		Lesser Black-backed Gull	4	improved agricultural grassland; commuting (flyover; non-breeding)	CG
LB017	18/06/2025	08:17		Lesser Black-backed Gull	1	cutover bog; commuting (flyover; non-breeding)	CG
LB018	07/07/2025	09:58		Lesser Black-backed Gull	1	improved agricultural grassland and cutover bog; commuting (flyover; non-breeding)	CG
LB019	07/07/2025	12:11		Lesser Black-backed Gull	1	improved agricultural grassland; travelling (flyover; non-breeding)	CG

Table 7 - 4 - 30 Lesser black-backed gull waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	Manulla river	04/08/2022	09:48	Lesser Black-backed Gull	1	improved agricultural grassland; flying	CG
LB002	Mayfield lough	04/08/2022	12:59	Lesser Black-backed Gull	2	eutrophic lakes; washing	CG
LB003	Mayfield lough	18/08/2022	11:51	Lesser Black-backed Gull	1	eutrophic lakes and reed and large sedge swamps; flying	CG
LB004	Ballyglass	19/10/2022	12:29	Lesser Black-backed Gull	1	improved agricultural grassland; flying	CG
LB005	Ballyglass	24/11/2022	11:08	Lesser Black-backed Gull	2	improved agricultural grassland; flying	CG
LB006	Mayfield lough	04/10/2023	10:20	Lesser Black-backed Gull	1	lakes and ponds; travelling	CC
LB007	Tawny Lough	20/03/2024	08:38	Lesser Black-backed Gull	2	turloughs; perched	CC
LB008	Balla	04/04/2024	14:34	Lesser Black-backed Gull	4	lakes and ponds; perched	MH
LB009	Drumady Lough	16/04/2024	13:27	Lesser Black-backed Gull	1	lakes and ponds and improved agricultural grassland; travelling	MH
LB010	On Site	16/04/2024	13:40	Lesser Black-backed Gull	2	improved agricultural grassland; travelling	MH
LB011	Ballymackeogh	16/04/2024	14:00	Lesser Black-backed Gull	2	turloughs and improved agricultural grassland; resting	MH
LB012	Balla	16/04/2024	14:36	Lesser Black-backed Gull	2	lakes and ponds; perched	MH
LB013	Balla	09/05/2024	13:50	Lesser Black-backed Gull	1	marsh; travelling	MH
LB014	Backfox	13/08/2024	08:14	Lesser Black-backed Gull	14	improved agricultural grassland; flying	NL
LB015	Mayfield Lough	13/08/2024	08:56	Lesser Black-backed Gull	1	lakes and ponds; flying	NL

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB016	Mayfield Lough	13/08/2024	09:02	Lesser Black-backed Gull	5	lakes and ponds; calling, flying	NL
LB017	Mayfield Lough	22/08/2024	09:22	Lesser Black-backed Gull	8	lakes and ponds; soaring, 1st winter birds	NL
LB018	Mayo Abbey	12/03/2025	08:25	Lesser Black-backed Gull	2	lakes and ponds; perched	NL
LB019	Tawny Lough	12/03/2025	09:09	Lesser Black-backed Gull	2	lakes and ponds; perched	NL
LB020	Pollawaddy	03/04/2025	11:42	Lesser Black-backed Gull	2	improved agricultural grassland; foraging	PM
LB021	Drumady Lough	03/04/2025	14:04	Lesser Black-backed Gull	2	lakes and ponds; roosting	PM
LB022	Balla	13/08/2025	09:50	Lesser Black-backed Gull	1	turloughs; flying	NL
LB023	Balla	13/08/2025	09:53	Lesser Black-backed Gull	11	turloughs; flying, foraging, on cut field	NL
LB024	clare lough	13/08/2025	11:48	Lesser Black-backed Gull	1	lakes and ponds; flying	NL
LB025	Balla	26/08/2025	12:41	Lesser Black-backed Gull	34	improved grassland; foraging	LM
LB026	Tawny Lough	26/08/2025	12:42	Lesser Black-backed Gull	2	improved grassland and turloughs; flying	LM
LB027	Mayfield Lough	02/09/2025	11:14	Lesser Black-backed Gull	9	scrub/transitional woodland; flying	JD

Table 7 - 4 - 31 Lesser black-backed gull incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB001	Breeding Raptor Survey; BRVP6	12/05/2022	01:07	Lesser Black-backed Gull	1	semi-natural woodland; flying	PJ
LB002	Breeding Raptor Survey; BRVP6	12/05/2022	11:04	Lesser Black-backed Gull	1	bogs; flying	PJ
LB003	Breeding Raptor Survey; BRVP5	19/07/2022	10:47	Lesser Black-backed Gull	1	conifer plantation and bogs; flying	CC
LB004	Breeding Raptor Survey; BRVP1	26/07/2022	10:04	Lesser Black-backed Gull	2	cutover bog and mixed broadleaved/conifer woodland; flying over	KG
LB005	Breeding Raptor Survey; BRVP3	26/07/2022	12:30	Lesser Black-backed Gull	1	highly modified/non-native woodland and bogs; flying	CC
LB006	Breeding Raptor Survey; BRVP4	26/07/2022	13:13	Lesser Black-backed Gull	2	mixed conifer woodland and improved agricultural grassland; flying	JS
LB007	Breeding Raptor Survey; BRVP3	26/07/2022	14:27	Lesser Black-backed Gull	1	highly modified/non-native woodland and bogs; flying	CC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB008	Hen Harrier Roost Survey; HHVP5	29/03/2023	18:51	Lesser Black-backed Gull	1	improved agricultural grassland and wet grassland; travelling	CG
LB009	Hen Harrier Roost Survey; HHVP5	29/03/2023	19:47	Lesser Black-backed Gull	3	improved agricultural grassland; flying	CG
LB010	Breeding Raptor Survey; BRVP5	20/04/2023	12:15	Lesser Black-backed Gull	1	bogs, conifer plantation and improved grassland; flying over	SD
LB011	Breeding Woodcock Survey; Knockaunakill loop	05/05/2023	20:06	Lesser Black-backed Gull	7	improved grassland and conifer plantation; travelling	LDV
LB012	Breeding Raptor Survey; Cartron	01/06/2023	08:15	Lesser Black-backed Gull	1	bogs, improved grassland and conifer plantation; travelling	LDV
LB013	Breeding Raptor Survey; Cartron	01/06/2023	08:45	Lesser Black-backed Gull	2	improved grassland, bogs and conifer plantation; travelling	LDV
LB014	Breeding Raptor Survey; Cartron	01/06/2023	09:54	Lesser Black-backed Gull	1	bogs and improved grassland; travelling	LDV
LB015	Breeding Raptor Survey; Gloonshanbo	01/06/2023	11:59	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB016	Breeding Woodcock Survey; Harefield	08/06/2023	21:32	Lesser Black-backed Gull	2	scrub/transitional woodland; travelling	LDV
LB017	Breeding Woodcock Survey; Harefield	19/06/2023	21:35	Lesser Black-backed Gull	1	improved grassland and conifer plantation; travelling	LDV
LB018	Breeding Woodcock Survey; Cloonsaul	19/06/2023	22:13	Lesser Black-backed Gull	4	improved grassland; travelling	LDV
LB019	Breeding Raptor Survey; Mossbrook	27/06/2023	08:23	Lesser Black-backed Gull	5	bogs; travelling	LDV
LB020	Breeding Raptor Survey; Mossbrook	27/06/2023	09:14	Lesser Black-backed Gull	1	bogs and improved grassland; travelling	LDV
LB021	Breeding Raptor Survey; Mossbrook	27/06/2023	09:34	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB022	Breeding Raptor Survey; Mossbrook	27/06/2023	09:34	Lesser Black-backed Gull	4	bogs and improved grassland; travelling	LDV
LB023	Breeding Raptor Survey; Mossbrook	27/06/2023	09:49	Lesser Black-backed Gull	3	bogs; travelling	LDV
LB024	Breeding Raptor Survey; Mossbrook	27/06/2023	09:50	Lesser Black-backed Gull	1	bogs and improved grassland; travelling	LDV
LB025	Breeding Raptor Survey; Mossbrook	27/06/2023	09:59	Lesser Black-backed Gull	1	improved grassland and bogs; travelling	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB026	Breeding Raptor Survey; Mossbrook	27/06/2023	10:04	Lesser Black-backed Gull	2	improved grassland and bogs; travelling	LDV
LB027	Breeding Raptor Survey; Mossbrook	27/06/2023	10:42	Lesser Black-backed Gull	1	improved grassland and bogs; travelling	LDV
LB028	Breeding Raptor Survey; Mossbrook	27/06/2023	10:45	Lesser Black-backed Gull	3	improved grassland and bogs; travelling	LDV
LB029	Breeding Raptor Survey; Ballynastangford	27/06/2023	11:11	Lesser Black-backed Gull	1	improved grassland and conifer plantation; travelling	LDV
LB030	Breeding Raptor Survey; Ballynastangford	27/06/2023	11:17	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB031	Breeding Raptor Survey; Ballynastangford	27/06/2023	11:28	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB032	Breeding Raptor Survey; Ballynastangford	27/06/2023	11:42	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB033	Breeding Raptor Survey; Ballynastangford	27/06/2023	12:31	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB034	Breeding Raptor Survey; Ballynastangford	27/06/2023	12:50	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB035	Breeding Raptor Survey; Ballynastangford	27/06/2023	12:53	Lesser Black-backed Gull	1	conifer plantation; travelling	LDV
LB036	Breeding Raptor Survey; Ballynastangford	27/06/2023	13:10	Lesser Black-backed Gull	1	conifer plantation and improved grassland; travelling	LDV
LB037	Breeding Raptor Survey; Ballynastangford	27/06/2023	13:25	Lesser Black-backed Gull	3	improved grassland and conifer plantation; travelling	LDV
LB038	Breeding Raptor Survey; Clogherduff	28/06/2023	09:14	Lesser Black-backed Gull	3	bogs and conifer plantation; travelling	LDV
LB039	Breeding Raptor Survey; Clogher more	28/06/2023	10:38	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB040	Breeding Raptor Survey; Clogher more	28/06/2023	10:44	Lesser Black-backed Gull	1	improved grassland and conifer plantation; travelling	LDV
LB041	Breeding Raptor Survey; Clogher more	28/06/2023	10:49	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB042	Breeding Raptor Survey; Clogher more	28/06/2023	10:50	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB043	Breeding Raptor Survey; Clogher more	28/06/2023	11:00	Lesser Black-backed Gull	4	improved grassland; travelling	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB044	Breeding Raptor Survey; Clogher more	28/06/2023	11:33	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB045	Breeding Raptor Survey; Clogher more	28/06/2023	11:47	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB046	Breeding Raptor Survey; Clogher more	28/06/2023	11:57	Lesser Black-backed Gull	2	improved grassland; travelling	LDV
LB047	Breeding Raptor Survey; Clogher more	28/06/2023	12:51	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB048	Breeding Raptor Survey; Clogher more	28/06/2023	13:11	Lesser Black-backed Gull	1	improved grassland; travelling	LDV
LB049	Breeding Raptor Survey; BRVP6	14/07/2023	10:08	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	MH
LB050	Hen Harrier Roost Survey; HHVP5	06/03/2024	07:57	Lesser Black-backed Gull	2	bogs, conifer plantation and improved grassland; travelling	LDV
LB051	Breeding Raptor Survey; BR3	03/04/2024	10:46	Lesser Black-backed Gull	2	improved agricultural grassland; travelling	MH
LB052	Breeding Raptor Survey; BR6	11/04/2024	14:12	Lesser Black-backed Gull	2	bogs and conifer plantation; travelling	MH
LB053	Breeding Raptor Survey; BR6	11/04/2024	16:50	Lesser Black-backed Gull	1	bogs; travelling	MH
LB054	Breeding Raptor Survey; BR4	10/05/2024	15:04	Lesser Black-backed Gull	2	improved agricultural grassland; travelling	MH
LB055	Breeding Raptor Survey; BR4	10/05/2024	15:08	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	MH
LB056	Breeding Raptor Survey; BR4	10/05/2024	15:21	Lesser Black-backed Gull	1	bogs; travelling	MH
LB057	Breeding Raptor Survey; BRVP5	05/06/2024	14:45	Lesser Black-backed Gull	1	bogs, improved agricultural grassland and conifer plantation; travelling	MH
LB058	Breeding Raptor Survey; BRVP4	06/06/2024	13:30	Lesser Black-backed Gull	3	improved agricultural grassland; travelling	MH
LB059	Breeding Raptor Survey; BRVP4	06/06/2024	13:58	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	MH
LB060	Breeding Raptor Survey; BRVP4	06/06/2024	14:04	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	MH
LB061	Breeding Raptor Survey; BRVP4	06/06/2024	14:23	Lesser Black-backed Gull	1	bogs, improved agricultural grassland and conifer plantation; travelling	MH

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LB062	Breeding Raptor Survey; BRVP4	06/06/2024	16:12	Lesser Black-backed Gull	3	bogs and improved agricultural grassland; travelling	MH
LB063	Breeding Raptor Survey; BRVP2	07/06/2024	18:52	Lesser Black-backed Gull	1	conifer plantation and improved agricultural grassland; travelling	MH
LB064	Breeding Raptor Survey; BRVP2	07/06/2024	19:25	Lesser Black-backed Gull	2	conifer plantation and improved agricultural grassland; travelling	MH
LB065	Breeding Raptor Survey; BRVP2	07/06/2024	20:30	Lesser Black-backed Gull	2	conifer plantation and improved agricultural grassland; travelling	MH
LB066	Breeding Raptor Survey; BRVP2	07/06/2024	20:50	Lesser Black-backed Gull	2	conifer plantation and improved agricultural grassland; travelling	MH
LB067	Breeding Raptor Survey; BRVP2	07/06/2024	21:13	Lesser Black-backed Gull	1	conifer plantation and improved agricultural grassland; travelling	MH
LB068	Breeding Raptor Survey; BR6	17/07/2024	07:56	Lesser Black-backed Gull	1	improved agricultural grassland, bogs and conifer plantation; travelling	MH
LB069	Breeding Raptor Survey; BR4	17/07/2024	15:19	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	MH
LB070	Hen Harrier Roost Survey; Cartron	21/03/2025	08:02	Lesser Black-backed Gull	2	conifer plantation and bogs; travelling	PDC
LB071	Vantage Point Survey; Harefield	21/05/2025	09:37	Lesser Black-backed Gull	1	improved agricultural grassland; travelling	PDC
LB072	Breeding Raptor Survey; BR2	19/06/2025	08:43	Lesser Black-backed Gull	1	improved agricultural grassland; flying	NL

1.13 Tufted Duck

Table 7 - 4 - 32 Tufted duck waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
TU001	Drumady Lough	01/11/2021	12:44	Tufted Duck	16	lakes and ponds and improved grassland; roosting	SF
TU002	Tawny Lough	07/11/2021	12:49	Tufted Duck	16	lakes and ponds and improved grassland; on water	SF
TU003	Tawny Lough	29/11/2021	10:23	Tufted Duck	10	lakes and ponds and improved grassland; on water	SF
TU004	Tawny Lough	03/12/2021	10:54	Tufted Duck	13	lakes and ponds and improved grassland; on water	SF
TU005	Tawny Lough	03/12/2021	11:07	Tufted Duck	3	lakes and ponds and improved grassland; on water	SF
TU006	Tawny Lough	31/12/2021	09:32	Tufted Duck	41	lakes and ponds and improved grassland; on water	SF
TU007	Drumady Lough	31/12/2021	11:14	Tufted Duck	2	lakes and ponds and improved grassland; on water	SF
TU008	Drumady Lough	31/12/2021	11:42	Tufted Duck	2	lakes and ponds and improved grassland; on water	SF
TU009	Tawny Lough	06/01/2022	10:13	Tufted Duck	29	lakes and ponds and improved grassland; on water	SF
TU010	Facefield	06/01/2022	11:14	Tufted Duck	2	lakes and ponds and improved grassland; on water	SF
TU011	Lehanagh	06/01/2022	12:31	Tufted Duck	2	lakes and ponds and improved grassland; on lake	SF
TU012	Lehanagh	06/01/2022	12:35	Tufted Duck	8	lakes and ponds and improved grassland; on lake	SF
TU013	Tawny Lough	29/01/2022	09:00	Tufted Duck	34	lakes and ponds and improved grassland; on lake	SF
TU014	Tawny Lough	01/02/2022	12:00	Tufted Duck	72	lakes and ponds and improved grassland; on lake	SF
TU015	Facefield	01/02/2022	13:10	Tufted Duck	2	turloughs and improved grassland; on lake	SF
TU016	Tawny Lough	27/02/2022	09:30	Tufted Duck	34	lakes and ponds and improved grassland; on lake	SF
TU017	Drumady Lough	27/02/2022	11:00	Tufted Duck	4	lakes and ponds and improved grassland; on lake	SF
TU018	Lehanagh	27/02/2022	12:15	Tufted Duck	5	lakes and ponds and improved grassland; on lake	SF
TU019	Tawny Lough	01/03/2022	13:30	Tufted Duck	10	lakes and ponds and improved grassland; on lake	SF
TU020	Drumady Lough	01/03/2022	14:30	Tufted Duck	2	lakes and ponds and improved grassland; on lake	SF
TU021	Lehanagh	01/03/2022	15:45	Tufted Duck	10	lakes and ponds and improved grassland; on lake	SF
TU022	Tawny Lough	29/03/2022	08:15	Tufted Duck	18	lakes and ponds and improved grassland; on lake	SF
TU023	Tawny Lough	03/04/2022	07:20	Tufted Duck	38	lakes and ponds and improved grassland; on lake	SF
TU024	Tawny Lough	30/04/2022	08:45	Tufted Duck	4	lakes and ponds and improved grassland; on lake	SF
TU025	Drumady Lough	19/10/2022	11:48	Tufted Duck	1	turloughs; on water	CG
TU026	Ballynacarrick	19/10/2022	15:05	Tufted Duck	2	turloughs; on water	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
TU027	Gortnaraha	24/11/2022	08:36	Tufted Duck	5	turloughs; feeding	CG
TU028	Tawny Lough	24/11/2022	09:18	Tufted Duck	14	turloughs; feeding	CG
TU029	Balla	24/11/2022	09:39	Tufted Duck	3	turloughs; feeding	CG
TU030	Shanrawy	24/11/2022	10:17	Tufted Duck	6	turloughs; feeding	CG
TU031	Lehanagh	24/11/2022	10:30	Tufted Duck	19	turloughs; feeding	CG
TU032	Gortnaraha	02/12/2022	10:05	Tufted Duck	3	turloughs; on water	CG
TU033	Ballynacarrick	02/12/2022	10:12	Tufted Duck	1	turloughs; on water	CG
TU034	Tawny Lough	02/12/2022	10:26	Tufted Duck	7	turloughs; feeding	CG
TU035	Pollavaddy	02/12/2022	11:35	Tufted Duck	8	turloughs; on water	CG
TU036	Balla	02/12/2022	11:41	Tufted Duck	4	turloughs; on water	CG
TU037	Lehanagh	02/12/2022	12:00	Tufted Duck	3	turloughs; on water	CG
TU038	Gortnaraha	12/12/2022	09:30	Tufted Duck	3	turloughs; feeding	CG
TU039	Ballynacarrick	12/12/2022	09:37	Tufted Duck	12	turloughs; feeding	CG
TU040	Balla	22/12/2022	11:45	Tufted Duck	5	turloughs; on water	CG
TU041	Tawny Lough	22/12/2022	11:58	Tufted Duck	17	turloughs; feeding	CG
TU042	Gortnaraha	22/12/2022	12:22	Tufted Duck	2	turloughs; feeding	CG
TU043	Ballynacarrick	22/12/2022	12:42	Tufted Duck	2	turloughs; on water	CG
TU044	Gortnaraha	06/01/2023	11:03	Tufted Duck	3	turloughs; on water	CG
TU045	Tawny Lough	06/01/2023	11:27	Tufted Duck	32	turloughs; feeding	CG
TU046	Balla	06/01/2023	11:53	Tufted Duck	8	turloughs; on water	CG
TU047	Tawny Lough	25/01/2023	12:30	Tufted Duck	56	turloughs; feeding	MH
TU048	Drumadoon	25/01/2023	13:30	Tufted Duck	10	turloughs; on water	MH
TU049	Portagh	25/01/2023	14:07	Tufted Duck	1	wet grassland; on water, single drake	MH
TU050	Portagh	25/01/2023	14:15	Tufted Duck	10	turloughs; on water	MH
TU051	Tawny Lough	03/02/2023	10:42	Tufted Duck	37	turloughs; feeding	CG
TU052	Balla	03/02/2023	11:19	Tufted Duck	31	turloughs; feeding	CG
TU053	Ballynacarrick	16/02/2023	10:22	Tufted Duck	6	turloughs; on water	CG
TU054	Tawny Lough	16/02/2023	10:36	Tufted Duck	27	turloughs; on water	CG
TU055	Balla	16/02/2023	11:16	Tufted Duck	4	turloughs; on water	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
TU056	Ballynacarrick	03/03/2023	09:59	Tufted Duck	3	turloughs; on water	CG
TU057	Tawny Lough	03/03/2023	10:25	Tufted Duck	28	turloughs; feeding	CG
TU058	Drumady Lough	23/03/2023	09:33	Tufted Duck	2	turloughs; on water	CG
TU059	Tawny Lough	23/03/2023	10:32	Tufted Duck	32	turloughs; feeding	CG
TU060	Lehanagh	23/03/2023	11:07	Tufted Duck	8	turloughs; on water	CG
TU061	Tawny Lough	05/04/2023	12:06	Tufted Duck	17	lakes and ponds; foraging	LDV
TU062	Ballynacarrick	18/04/2023	10:42	Tufted Duck	1	turloughs; foraging	LDV
TU063	Tawny Lough	18/04/2023	11:39	Tufted Duck	39	turloughs; foraging	LDV
TU064	Tawny Lough	04/10/2023	10:58	Tufted Duck	4	lakes and ponds; swimming	CC
TU065	Tawny Lough	03/11/2023	13:38	Tufted Duck	15	lakes and ponds; foraging	CC
TU066	Gortnaraha	03/11/2023	14:08	Tufted Duck	10	lakes and ponds and improved agricultural grassland; foraging, resting	CC
TU067	Tawny Lough	16/11/2023	10:22	Tufted Duck	18	lakes and ponds; foraging	CC
TU068	Ballinlough	16/11/2023	10:41	Tufted Duck	3	lakes and ponds; diving	CC
TU069	Shanrawy	16/11/2023	11:11	Tufted Duck	14	lakes and ponds, wet grassland and improved agricultural grassland; foraging, resting	CC
TU070	Gorteenmore	05/12/2023	12:43	Tufted Duck	3	lakes and ponds; foraging, on water	SD
TU071	Shanrawy	20/12/2023	12:03	Tufted Duck	6	lakes and ponds; roosting	SD
TU072	Pollavaddy	20/12/2023	12:26	Tufted Duck	1	lakes and ponds; roosting	SD
TU073	Tawny Lough	20/12/2023	12:47	Tufted Duck	112	lakes and ponds; roosting, foraging	SD
TU074	Tawny Lough	20/12/2023	12:55	Tufted Duck	185	lakes and ponds; foraging	SD
TU075	Lehanagh	04/01/2024	11:34	Tufted Duck	3	watercourses; foraging	SD
TU076	Pollavaddy	04/01/2024	12:00	Tufted Duck	14	watercourses; foraging	SD
TU077	Pollavaddy	04/01/2024	12:02	Tufted Duck	11	watercourses; foraging	SD
TU078	Tawny Lough	04/01/2024	12:38	Tufted Duck	23	watercourses; roosting, foraging	SD
TU079	gorteenmore	04/01/2024	12:54	Tufted Duck	5	watercourses; foraging	SD
TU080	Gortnaraha	30/01/2024	11:17	Tufted Duck	8	linear woodland/scrub; diving, swimming	CC
TU081	Balla	30/01/2024	12:26	Tufted Duck	17	linear woodland/scrub; swimming, diving	CC
TU082	Tawny Lough	30/01/2024	12:40	Tufted Duck	9	linear woodland/scrub; foraging	CC
TU083	Tawny Lough	12/02/2024	14:19	Tufted Duck	36	linear woodland/scrub; foraging, swimming	CC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
TU084	Tawny Lough	07/03/2024	10:35	Tufted Duck	27	lakes and ponds; swimming, diving	CC
TU085	Balla	07/03/2024	10:58	Tufted Duck	6	lakes and ponds; swimming	CC
TU086	Tawny Lough	20/03/2024	08:37	Tufted Duck	5	turloughs; foraging	CC
TU087	Tawny Lough	04/04/2024	14:54	Tufted Duck	13	turloughs; feeding	MH
TU088	Ballinlough	04/04/2024	15:03	Tufted Duck	6	turloughs; feeding	MH
TU089	Balla	16/04/2024	14:35	Tufted Duck	11	lakes and ponds; feeding	MH
TU090	Facefield	16/04/2024	15:08	Tufted Duck	4	improved agricultural grassland; feeding	MH
TU091	Gortnaraha	16/04/2024	15:21	Tufted Duck	4	lakes and ponds; feeding	MH
TU092	Tawny Lough	29/10/2024	15:46	Tufted Duck	18	acid oligotrophic lakes; foraging	JG
TU093	Lough Fark	28/11/2024	09:30	Tufted Duck	4	acid oligotrophic lakes; foraging	JG
TU094	Balla	28/11/2024	10:03	Tufted Duck	5	turloughs; foraging	JG
TU095	Gortnaraha	28/11/2024	10:47	Tufted Duck	2	turloughs; foraging	JG
TU096	Tawny Lough	28/11/2024	11:10	Tufted Duck	12	acid oligotrophic lakes; foraging	JG
TU097	Lehanagh	04/12/2024	08:57	Tufted Duck	1	turloughs; foraging, loafing	NL
TU098	Tawny Lough	04/12/2024	09:39	Tufted Duck	2	turloughs; foraging	NL
TU099	Tawny Lough	04/12/2024	09:45	Tufted Duck	11	turloughs; foraging	NL
TU100	Tawny Lough	04/12/2024	09:47	Tufted Duck	3	turloughs; foraging	NL
TU101	Tawny Lough	17/12/2024	10:11	Tufted Duck	8	turloughs; foraging	NL
TU102	Tawny Lough	17/12/2024	10:12	Tufted Duck	45	turloughs; foraging	NL
TU103	Tawny Lough	17/12/2024	10:20	Tufted Duck	43	turloughs; foraging	NL
TU104	Tawny Lough	14/01/2025	11:31	Tufted Duck	27	lakes and ponds; foraging	PDC
TU105	Drumady Lough	28/01/2025	10:25	Tufted Duck	2	lakes and ponds; foraging	PDC
TU106	Tawny Lough	12/02/2025	10:16	Tufted Duck	20	turloughs; foraging	NL
TU107	Tawny Lough	20/02/2025	09:23	Tufted Duck	45	turloughs; foraging	NL
TU108	Balla	12/03/2025	08:41	Tufted Duck	6	lakes and ponds; foraging	NL
TU109	Balla	12/03/2025	08:42	Tufted Duck	2	lakes and ponds; foraging	NL
TU110	Balla	12/03/2025	08:45	Tufted Duck	8	lakes and ponds; foraging	NL
TU111	Tawny Lough	12/03/2025	09:04	Tufted Duck	4	lakes and ponds; foraging	NL
TU112	Tawny Lough	12/03/2025	09:09	Tufted Duck	12	lakes and ponds; foraging	NL

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
TU113	Tawny Lough	12/03/2025	09:11	Tufted Duck	5	lakes and ponds; foraging	NL
TU114	Tawny Lough	27/03/2025	11:16	Tufted Duck	5	turloughs; foraging	NL
TU115	Tawny Lough	27/03/2025	11:23	Tufted Duck	10	turloughs; foraging	NL
TU116	Facefield	27/03/2025	11:40	Tufted Duck	3	turloughs; foraging	NL
TU117	Tawny Lough	03/04/2025	12:01	Tufted Duck	16	lakes and ponds; foraging	PM
TU118	Tawny Lough	03/04/2025	12:07	Tufted Duck	7	lakes and ponds; foraging	PM
TU119	Tawny Lough	25/04/2025	11:40	Tufted Duck	1	lakes and ponds; foraging	PM
TU120	Tawny Lough	25/04/2025	11:44	Tufted Duck	4	lakes and ponds; roosting, one juvenile	PM
TU121	Tawny Lough	25/04/2025	11:46	Tufted Duck	3	lakes and ponds; foraging, 1 juvenile	PM

1.14 Barn Owl

Table 7 - 4 - 33 Barn owl incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BO001	Hen Harrier Roost Survey; cloondroon	25/11/2024	17:40	Barn Owl	1	improved agricultural grassland; travelling	OC

1.15 Curlew

Table 7 - 4 - 34 Curlew 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
CU002	VP2	28/07/2022	08:11	Curlew	1	-	-	-	-	-	bogs; calling, not seen	CG
CU003	VP2	14/09/2022	17:04	Curlew	1	-	-	-	-	-	bogs and wet grassland; calling, heard a curlew call, likely coming from lough drumady where they have been observed before	CG

Table 7 - 4 - 35 Curlew waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CU001	Tawny Lough	11/10/2021	13:32	Curlew	1	lakes and ponds and improved grassland; fly sw	SF
CU002	Drumady Lough	01/11/2021	14:57	Curlew	1	lakes and ponds and improved grassland; roosting	SF
CU003	Tawny Lough	31/12/2021	09:51	Curlew	2	lakes and ponds and improved grassland; lake edge	SF
CU004	Drumady Lough	31/12/2021	12:00	Curlew	1	lakes and ponds and improved grassland; lake edge	SF
CU005	Tawny Lough	29/01/2022	09:00	Curlew	2	lakes and ponds and improved grassland; on lake	SF
CU006	Drumady Lough	29/01/2022	11:00	Curlew	2	lakes and ponds and improved grassland; on lake	SF
CU007	Drumady Lough	30/04/2022	10:30	Curlew	1	lakes and ponds and improved grassland; fly ne, fly over lake	SF
CU008	Drumady Lough	30/04/2022	10:48	Curlew	1	lakes and ponds and improved grassland; calling only	SF
CU009	Drumady Lough	18/08/2022	10:05	Curlew	1	wet grassland; feeding, feeding in wet grassland on lake shore, disturbed by my arrival, took flight, headed south	CG
CU010	Drumady Lough	09/09/2022	12:45	Curlew	1	wet grassland and improved agricultural grassland; calling, calling from grassland on the opposite side of the lake.	CG
CU011	Drumady Lough	19/10/2022	11:51	Curlew	2	wet grassland and turloughs; on shore	CG
CU012	Ballynacarrick	19/10/2022	15:05	Curlew	2	wet grassland; feeding	CG
CU013	Lehanagh	24/11/2022	10:30	Curlew	13	wet grassland and turloughs; feeding	CG
CU014	Shanrawy	22/12/2022	11:38	Curlew	1	improved agricultural grassland; feeding	CG
CU015	Balla	06/01/2023	11:51	Curlew	26	wet grassland and turloughs; on ground	CG
CU016	Ballynacarrick	03/03/2023	09:58	Curlew	3	turloughs and wet grassland; feeding	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CU017	Tawny Lough	08/09/2023	09:07	Curlew	1	lakes and ponds; travelling	SD
CU018	Lehanagh	03/11/2023	14:55	Curlew	2	improved agricultural grassland; foraging	CC
CU019	Gortnaraha	05/12/2023	12:41	Curlew	2	improved agricultural grassland; foraging	SD
CU020	Lehanagh	20/12/2023	11:53	Curlew	2	lakes and ponds; foraging	SD
CU021	Balla	04/01/2024	12:02	Curlew	10	improved agricultural grassland; foraging	SD
CU022	Balla	16/04/2024	14:33	Curlew	2	lakes and ponds; feeding	MH
CU023	Tawny Lough	08/10/2024	11:09	Curlew	10	improved agricultural grassland and turloughs; foraging	JG
CU024	Drumady Lough	14/01/2025	10:00	Curlew	1	improved agricultural grassland; foraging	PDC
CU025	Balla	14/01/2025	10:54	Curlew	2	turloughs; foraging	PDC
CU026	Balla	28/01/2025	10:54	Curlew	2	turloughs; travelling	PDC
CU027	Ballynacarrick	02/09/2025	11:56	Curlew	4	lakes and ponds and improved agricultural grassland; foraging, calling	JD
CU028	Ballynacarrick	19/09/2025	14:34	Curlew	10	turloughs; flying	JD

Table 7 - 4 - 36 Curlew incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
CU001	Hen Harrier Roost Survey; HHVP2	01/11/2021	17:37	Curlew	1	Calling from drumady lough direction	SF

1.16 Grey Wagtail

Table 7 - 4 - 37 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	VP2	17/08/2022	07:10	Grey Wagtail	1	28	10	18	0	0	bogs and improved agricultural grassland; flying	CG
GL002	VP1	08/02/2023	10:50	Grey Wagtail	2	5	5	0	0	0	improved agricultural grassland; flying	CG
GL003	VP2	28/08/2023	09:14	Grey Wagtail	1	-	-	-	-	-	bogs; calling, heard not seen	PDC
GL004	VP2	28/08/2023	11:54	Grey Wagtail	1	11	11	0	0	0	bogs; travelling	PDC

Table 7 - 4 - 38 Grey wagtail breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	25/04/2022	14:04	Grey Wagtail	1	lakes and ponds; flying (flyover; non-breeding)	PJ

Table 7 - 4 - 39 Grey wagtail waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	Mayfield Lough	16/11/2023	08:26	Grey Wagtail	1	lakes and ponds; travelling	CC
GL002	Mayfield Lough	07/03/2024	09:25	Grey Wagtail	2	lakes and ponds; perched	CC
GL003	Ballinlough	19/09/2024	10:26	Grey Wagtail	1	lakes and ponds; flying	NL
GL004	Clare Lough	06/05/2025	08:44	Grey Wagtail	1	lakes and ponds; foraging, female collecting insects	PDC

Table 7 - 4 - 40 Grey wagtail incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL001	Waterbird Distribution Survey; bog lake west of vp2	28/04/2022	10:11	Grey Wagtail	1	bogs; perched	PJ
GL002	Breeding Walkover Survey; T4	27/07/2022	10:25	Grey Wagtail	1	improved agricultural grassland; flying	JS

1.17 Kestrel

Table 7 - 4 - 41 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	VP2	12/10/2021	08:29	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.002	VP2	12/10/2021	12:39	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.003	VP2	12/10/2021	13:04	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.004	VP2	12/10/2021	13:04	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.005	VP2	02/11/2021	15:17	Kestrel	1	35	35	0	0	0	bogs and improved grassland; hovering, flying	SF
K.006	VP1	04/11/2021	09:31	Kestrel	1	35	35	0	0	0	hedgerows, improved grassland and conifer plantation; flying	SF
K.007	VP1	04/11/2021	12:01	Kestrel	1	35	35	0	0	0	hedgerows, improved grassland and conifer plantation; flying	SF
K.008	VP1	30/11/2021	11:01	Kestrel	2	35	35	0	0	0	bogs and improved grassland; flying	SF
K.009	VP2	02/12/2021	12:08	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.010	VP1	30/12/2021	09:01	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.011	VP2	07/01/2022	16:45	Kestrel	1	35	0	35	0	0	bogs and improved grassland; hovering, flying	SF
K.012	VP1	31/01/2022	11:33	Kestrel	1	35	35	0	0	0	bogs and improved grassland; hovering, flying	SF
K.013	VP1	31/01/2022	16:32	Kestrel	1	35	35	0	0	0	bogs and improved grassland; perched	SF
K.014	VP1	31/01/2022	16:40	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying, chase	SF
K.015	VP1	31/01/2022	16:42	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.016	VP1	31/01/2022	16:48	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.017	VP2	03/02/2022	12:15	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.018	VP2	03/02/2022	12:45	Kestrel	1	35	35	0	0	0	bogs and improved grassland; perched, flying	SF
K.019	VP1	28/02/2022	09:41	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.020	VP1	28/02/2022	10:12	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.021	VP2	02/03/2022	12:52	Kestrel	1	35	35	0	0	0	bogs and improved grassland; hovering, flying	SF
K.022	VP2	02/03/2022	15:43	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.023	VP1	28/03/2022	19:07	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.024	VP1	28/03/2022	19:47	Kestrel	1	35	35	0	0	0	bogs and improved grassland; flying	SF
K.025	VP2	01/04/2022	10:40	Kestrel	1	35	35	0	0	0	hovering, flying	SF
K.026	VP2	10/05/2022	16:18	Kestrel	1	20	0	20	0	0	improved grassland and bogs; flying	PJ
K.027	VP2	10/05/2022	16:45	Kestrel	1	25	10	15	0	0	bogs; hunting	PJ
K.028	VP2	10/05/2022	19:40	Kestrel	1	42	35	7	0	0	bogs; flying, mobbed, attacked by hooded crow	PJ
K.029	VP2	10/05/2022	21:09	Kestrel	1	72	72	0	0	0	bogs and semi-natural grassland; hunting	PJ
K.030	VP1	28/06/2022	09:46	Kestrel	1	16	10	6	0	0	improved grassland; flying	PJ
K.031	VP1	28/06/2022	09:46	Kestrel	1	16	10	6	0	0	improved grassland; flying	PJ
K.032	VP1	28/06/2022	10:20	Kestrel	1	16	10	6	0	0	improved grassland; flying	PJ
K.033	VP1	28/06/2022	11:46	Kestrel	1	80	40	40	0	0	improved grassland and dense bracken; hunting	PJ
K.034	VP1	28/06/2022	12:39	Kestrel	1	73	13	60	0	0	improved grassland and dense bracken; hunting	PJ
K.035	VP2	28/07/2022	09:57	Kestrel	1	35	25	10	0	0	bogs; hunting	CG
K.036	VP2	28/07/2022	10:45	Kestrel	1	15	0	15	0	0	bogs and conifer plantation; hunting	CG
K.037	VP2	28/07/2022	10:58	Kestrel	1	73	60	13	0	0	bogs; hunting	CG
K.038	VP2	28/07/2022	11:49	Kestrel	1	62	12	20	30	0	bogs; hunting, perched on telegraph pole, flew out over bog	CG
K.041	VP2	28/07/2022	12:46	Kestrel	1	135	0	110	25	0	cutover bog and improved agricultural grassland; hunting	CG
K.042	VP1	16/08/2022	07:18	Kestrel	1	72	0	30	42	0	bogs; flying	CG
K.043	VP1	16/08/2022	12:00	Kestrel	1	24	10	14	0	0	improved agricultural grassland and wet grassland; flying, mobbed, attacked by swallows	CG
K.044	VP2	17/08/2022	11:54	Kestrel	1	17	17	0	0	0	bogs and wet grassland; mobbed, hunting, started hunting, was quickly driven away by ravens	CG
K.045	VP2	13/10/2022	12:06	Kestrel	1	49	19	30	0	0	improved agricultural grassland and conifer plantation; hunting	CG
K.046	VP2	21/12/2022	12:12	Kestrel	1	859	159	500	200	0	bogs and improved agricultural grassland; hunting	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.047	VP2	21/12/2022	12:41	Kestrel	1	460	0	160	300	0	bogs and improved agricultural grassland; hunting	CG
K.048	VP2	17/01/2023	11:30	Kestrel	1	2700	2700	0	0	0	raised bog; hunting, adult female observed hunting over 45mins, caught two mice	MH
K.049	VP1	30/01/2023	13:42	Kestrel	1	120	0	120	0	0	improved agricultural grassland; hunting	MH
K.050	VP2	31/01/2023	16:33	Kestrel	1	240	240	0	0	0	raised bog; hunting, same adult female as before hunting mice	MH
K.051	VP1	08/03/2023	17:31	Kestrel	1	22	22	0	0	0	improved agricultural grassland; flying	CG
K.052	VP2	06/04/2023	11:19	Kestrel	1	187	47	50	90	0	bogs and improved agricultural grassland; hunting	CG
K.053	VP1	12/05/2023	16:35	Kestrel	1	28	0	0	28	0	bogs and conifer plantation; hunting, travelling	CG
K.054	VP2	16/05/2023	16:45	Kestrel	1	84	84	0	0	0	improved agricultural grassland; hunting	CG
K.055	VP2	16/05/2023	17:43	Kestrel	1	935	100	235	600	0	bogs and improved agricultural grassland; hunting	CG
K.056	VP2	16/05/2023	19:43	Kestrel	1	187	17	100	70	0	bogs and improved agricultural grassland; hunting, travelling	CG
K.057	VP2	16/05/2023	20:29	Kestrel	1	24	24	0	0	0	bogs and improved agricultural grassland; flying	CG
K.058	VP1	08/06/2023	15:42	Kestrel	1	145	0	145	0	0	improved grassland, bogs and highly modified/non-native woodland; hunting	LDV
K.059	VP1	08/06/2023	16:24	Kestrel	1	25	5	10	0	0	improved grassland and bogs; travelling	LDV
K.060	VP1	08/06/2023	17:31	Kestrel	1	570	40	530	0	0	improved grassland and conifer plantation; hunting, was perched for 1min on a electric pole	LDV
K.061	VP1	08/06/2023	18:03	Kestrel	1	56	0	56	0	0	scrub/transitional woodland; hunting	LDV
K.062	VP1	08/06/2023	18:04	Kestrel	1	-	-	-	-	-	scrub/transitional woodland; perched	LDV
K.063	VP1	08/06/2023	18:05	Kestrel	1	374	0	110	264	0	improved grassland, scrub/transitional woodland and conifer plantation; hunting	LDV
K.064	VP2	22/06/2023	08:55	Kestrel	1	420	0	0	420	0	improved grassland and bogs; hunting	LDV
K.065	VP2	22/06/2023	09:07	Kestrel	1	124	10	60	54	0	improved grassland and bogs; travelling	LDV
K.066	VP2	22/06/2023	10:03	Kestrel	1	76	66	10	0	0	improved grassland and bogs; carrying prey, was flying low with small prey (mammal)	LDV
K.067	VP2	22/06/2023	10:33	Kestrel	1	58	58	0	0	0	bogs and improved grassland; travelling	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.068	VP2	22/06/2023	11:03	Kestrel	1	160	150	10	0	0	improved grassland; hunting, male	LDV
K.069	VP2	22/06/2023	11:10	Kestrel	1	127	0	0	127	0	improved grassland; hunting, male	LDV
K.070	VP2	22/06/2023	11:31	Kestrel	1	334	0	0	334	0	improved grassland and bogs; hunting	LDV
K.071	VP2	22/06/2023	13:00	Kestrel	1	189	0	0	189	0	bogs; hunting	LDV
K.072	VP2	22/06/2023	14:53	Kestrel	1	379	10	40	329	0	bogs; hunting	LDV
K.073	VP1	10/08/2023	07:21	Kestrel	1	96	0	96	0	0	improved grassland, semi-natural woodland and linear woodland/scrub; travelling	LDV
K.074	VP1	10/08/2023	09:38	Kestrel	2	23	23	0	0	0	semi-natural woodland and linear woodland/scrub; travelling	LDV
K.075	VP1	10/08/2023	09:44	Kestrel	2	75	0	75	0	0	bogs; hunting	LDV
K.076	VP2	28/08/2023	09:12	Kestrel	1	26	26	0	0	0	improved agricultural grassland; travelling, low flight, lost behind scrub	PDC
K.077	VP2	28/08/2023	10:01	Kestrel	1	94	0	94	0	0	cutover bog; travelling	PDC
K.078	VP2	28/08/2023	10:03	Kestrel	1	15	0	15	0	0	cutover bog; travelling	PDC
K.079	VP2	28/08/2023	10:07	Kestrel	1	105	105	0	0	0	conifer plantation and bogs; hunting, settled on post briefly before flying back onto bog	PDC
K.080	VP2	28/08/2023	11:48	Kestrel	1	163	55	108	0	0	cutover bog; hunting, male	PDC
K.082	VP2	28/08/2023	12:33	Kestrel	1	-	-	-	-	-	improved agricultural grassland; perched, preening, sitting on pile of gravel or mud, seemed to be bathing	PDC
K.083	VP2	28/08/2023	12:44	Kestrel	1	215	0	215	0	0	bogs and improved grassland; hunting	PDC
K.084	VP2	28/08/2023	12:45	Kestrel	1	62	0	0	62	0	bogs and improved grassland; hunting, appeared above previous k. then dropped in same general area that previous k. dropped into	PDC
K.085	VP2	28/08/2023	12:51	Kestrel	1	174	20	154	0	0	improved agricultural grassland; hunting	PDC
K.086	VP2	28/08/2023	12:53	Kestrel	1	150	0	150	0	0	improved agricultural grassland; hunting	PDC
K.087	VP1	01/09/2023	09:55	Kestrel	1	27	0	27	0	0	conifer plantation; travelling	LDV
K.088	VP1	01/09/2023	10:22	Kestrel	1	284	0	0	284	0	scrub/transitional woodland and improved grassland; travelling, mobbed, attacked by a hooded crow	LDV
K.089	VP2	25/09/2023	08:10	Kestrel	1	310	25	30	235	0	bogs and improved grassland; hunting	PDC
K.090	VP2	25/09/2023	08:47	Kestrel	1	140	0	0	140	0	improved grassland; hunting	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.091	VP2	25/09/2023	10:02	Kestrel	1	307	0	15	292	0	bogs and improved grassland; hunting	PDC
K.092	VP2	25/09/2023	10:18	Kestrel	1	52	0	52	0	0	improved grassland; travelling, mobbed, attacked by corvid	PDC
K.093	VP2	25/09/2023	10:19	Kestrel	1	244	0	0	244	0	improved grassland; hunting, mobbed, joined by previous kestrel at one point. corvid mobbed both.	PDC
K.094	VP2	25/09/2023	10:32	Kestrel	1	187	0	187	0	0	improved grassland; hunting	PDC
K.095	VP2	25/09/2023	10:32	Kestrel	1	24	0	24	0	0	improved grassland; travelling, second bird popped up briefly whilst first was hunting	PDC
K.096	VP2	25/09/2023	10:58	Kestrel	1	304	0	0	304	0	bogs and improved grassland; hunting	PDC
K.097	VP2	25/09/2023	11:00	Kestrel	1	295	0	0	295	0	improved grassland; hunting	PDC
K.098	VP2	25/09/2023	11:16	Kestrel	1	489	0	0	489	0	improved grassland; hunting	PDC
K.099	VP2	25/09/2023	11:28	Kestrel	1	28	0	28	0	0	improved grassland; hunting	PDC
K.100	VP1	11/10/2023	16:52	Kestrel	1	98	60	18	20	0	improved agricultural grassland; hunting, perched	CG
K.101	VP1	23/11/2023	09:09	Kestrel	1	62	62	0	0	0	improved agricultural grassland; commuting, perched	CG
K.102	VP2	24/11/2023	12:35	Kestrel	1	10	10	0	0	0	bogs; flying, perched	CG
K.103	VP2	24/11/2023	12:50	Kestrel	1	46	26	10	10	0	bogs; hunting, perched	CG
K.104	VP2	24/11/2023	13:59	Kestrel	1	50	20	10	20	0	bogs and improved agricultural grassland; hunting	CG
K.105	VP2	05/12/2023	15:15	Kestrel	1	20	0	20	0	0	lowland blanket bog and wet grassland; flying away from surveyor	POG
K.106	VP2	19/02/2024	14:09	Kestrel	1	145	0	0	145	0	improved grassland and bogs; hunting	LDV
K.108	VP2	19/02/2024	17:32	Kestrel	1	9	9	0	0	0	improved grassland; travelling	LDV
K.109	VP2a	12/04/2024	20:03	Kestrel	1	22	0	22	0	0	bogs and improved agricultural grassland; travelling	MH
K.111	VP2a	08/05/2024	10:29	Kestrel	1	240	0	240	0	0	bogs; hunting, headed towards br6	MH
K.112	VP2a	08/05/2024	10:33	Kestrel	1	120	0	120	0	0	bogs; hunting, headed towards br6	MH
K.113	VP1	10/06/2024	10:10	Kestrel	1	337	67	70	200	0	improved agricultural grassland; hunting	CG
K.114	VP2a	20/06/2024	10:25	Kestrel	1	169	0	100	69	0	improved grassland and bogs; hunting	LDV
K.115	VP2a	20/06/2024	10:26	Kestrel	1	-	-	-	-	-	improved grassland; perched, preening, perched on pole	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.116	VP2a	20/06/2024	13:03	Kestrel	1	205	55	100	50	0	improved grassland, bogs and scrub/transitional woodland; hunting	LDV
K.117	VP2a	20/06/2024	13:12	Kestrel	1	363	0	163	200	0	improved grassland, bogs and scrub/transitional woodland; hunting	LDV
K.118	VP2a	20/06/2024	13:49	Kestrel	1	78	0	18	60	0	scrub/transitional woodland, bogs and improved grassland; hunting	LDV
K.119	VP1	07/08/2024	11:08	Kestrel	1	187	0	0	187	0	improved agricultural grassland; hunting	PDC
K.120	VP1	07/08/2024	12:10	Kestrel	1	636	0	636	0	0	improved agricultural grassland and bogs; hunting	PDC
K.121	VP2a	08/08/2024	15:33	Kestrel	1	62	0	62	0	0	bogs and improved agricultural grassland; hunting	MH
K.122	VP2a	24/09/2024	09:17	Kestrel	1	35	35	0	0	0	cutover bog and wet grassland; hunting, perching	CG
K.123	VP2a	24/09/2024	12:46	Kestrel	1	126	100	16	10	0	cutover bog and improved agricultural grassland; hunting	CG
K.124	VP1	02/10/2024	16:02	Kestrel	1	105	30	75	0	0	improved agricultural grassland and conifer plantation; hunting	JG
K.126	VP2a	02/10/2024	18:38	Kestrel	1	180	100	80	0	0	improved agricultural grassland; hunting	JG
K.127	VP2a	02/10/2024	18:58	Kestrel	1	165	80	85	0	0	improved agricultural grassland; hunting	JG
K.128	VP2a	02/10/2024	18:59	Kestrel	1	230	150	80	0	0	scrub and improved agricultural grassland; hunting, separate kestrel	JG
K.129	VP2a	03/10/2024	14:52	Kestrel	1	720	250	470	0	0	scrub and improved agricultural grassland; hunting	JG
K.130	VP2a	03/10/2024	15:12	Kestrel	1	180	0	180	0	0	improved agricultural grassland; hunting	JG
K.131	VP2a	15/11/2024	08:20	Kestrel	1	12	12	0	0	0	improved agricultural grassland and hedgerows; hunting, perched, hunting from telegraph pole	OC
K.132	VP2a	15/11/2024	11:24	Kestrel	1	37	37	0	0	0	bogs, improved agricultural grassland and scrub; travelling, with prey	OC
K.133	VP2a	15/11/2024	12:05	Kestrel	1	507	507	0	0	0	bogs and scrub; hunting	OC
K.134	VP2a	15/11/2024	12:22	Kestrel	1	48	0	0	48	0	improved agricultural grassland; hunting, mobbed by starlings	OC
K.135	VP2a	15/11/2024	12:23	Kestrel	1	194	20	174	0	0	bogs and scrub; hunting	OC
K.136	VP2a	15/11/2024	12:39	Kestrel	1	694	64	630	0	0	bogs and scrub; hunting	OC
K.138	VP1	20/11/2024	11:35	Kestrel	1	70	15	20	35	0	improved agricultural grassland; hunting	NS

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.139	VP1	20/11/2024	11:38	Kestrel	1	-	-	-	-	-	improved agricultural grassland; perched	NS
K.140	VP1	20/11/2024	11:40	Kestrel	1	25	5	20	0	0	improved agricultural grassland; flying	NS
K.141	VP1	20/11/2024	12:02	Kestrel	1	-	-	-	-	-	improved agricultural grassland; perched	NS
K.142	VP1	20/11/2024	12:25	Kestrel	1	40	5	20	20	0	scrub and conifer plantation; hunting	NS
K.143	VP1	20/11/2024	12:25	Kestrel	1	-	-	-	-	-	conifer plantation and scrub; perched	NS
K.144	VP1	20/11/2024	12:34	Kestrel	1	30	5	5	20	0	improved agricultural grassland; flying	NS
K.145	VP2a	28/11/2024	15:41	Kestrel	1	95	95	0	0	0	bogs and scrub; hunting	OC
K.146	VP2	10/02/2025	11:51	Kestrel	1	155	155	0	0	0	bogs; hunting, male	PDC
K.147	VP2	10/02/2025	12:56	Kestrel	1	197	197	0	0	0	bogs; hunting, male	PDC
K.148	VP2	10/02/2025	12:57	Kestrel	1	34	34				bogs; hunting, female, second bird came up to join male then both flew off in same direction	PDC
K.149	VP2	10/02/2025	13:28	Kestrel	1	21	21	0	0	0	improved agricultural grassland and linear woodland/scrub; travelling, male, lost below treeline	PDC
K.150	VP2	10/02/2025	13:30	Kestrel	1	529	529	0	0	0	bogs and improved agricultural grassland; hunting, male	PDC
K.151	VP2	20/03/2025	11:40	Kestrel	1	198	198	0	0	0	improved agricultural grassland and bogs; hunting	PDC
K.152	VP2a	17/06/2025	13:35	Kestrel	1	217	100	80	37	0	cutover bog; hunting, male	CG
K.153	VP2a	17/06/2025	14:32	Kestrel	1	72	0	0	72	0	cutover bog and improved agricultural grassland; hunting, commuting	CG
K.154	VP1	03/07/2025	16:06	Kestrel	1	90	30	20	40	0	improved agricultural grassland, conifer plantation and cutover bog; hunting	CG
K.155	VP2a	28/08/2025	14:10	Kestrel	1	8	0	8	0	0	mixed broadleaved/conifer woodland; hunting	LM
K.156	VP2a	17/09/2025	07:12	Kestrel	1	-	-	-	-	-	improved agricultural grassland; perched	SD

Table 7 - 4 - 42 Kestrel winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	25/11/2021	12:14	Kestrel	1	improved agricultural grassland; travelling	PDC
K.002	25/11/2021	12:18	Kestrel	1	improved agricultural grassland; travelling	PDC

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.003	25/11/2021	12:18	Kestrel	1	bogs; travelling	PDC
K.004	24/01/2022	11:24	Kestrel	1	bogs and linear woodland/scrub; hunting, perched, hunting then landed in tree	PDC
K.005	24/01/2022	12:34	Kestrel	1	improved agricultural grassland and linear woodland/scrub; hunting	PDC
K.006	14/11/2022	12:23	Kestrel	1	improved agricultural grassland and conifer plantation; hunting	CG
K.007	06/10/2023	12:32	Kestrel	1	improved agricultural grassland; hunting	CC
K.008	10/11/2023	08:55	Kestrel	1	cutover bog; hunting	CC
K.009	10/11/2023	09:58	Kestrel	1	cutover bog; hunting	CC
K.010	16/11/2023	13:20	Kestrel	1	bogs and improved agricultural grassland; hunting	CC
K.011	16/11/2023	14:02	Kestrel	1	improved agricultural grassland; hunting	CC
K.012	16/11/2023	15:19	Kestrel	1	improved agricultural grassland; hunting	CC
K.013	05/01/2024	11:54	Kestrel	1	bogs and wet grassland; hunting	CG
K.014	05/01/2024	12:41	Kestrel	1	improved agricultural grassland and wet grassland; hunting	CG
K.015	11/10/2024	14:27	Kestrel	1	improved agricultural grassland; hunting	OC
K.016	26/11/2024	14:56	Kestrel	1	hedgerows; travelling	OC

Table 7 - 4 - 43 Kestrel breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	23/05/2022	14:26	Kestrel	1	semi-natural woodland; hunting (suitable nesting habitat; possible breeder)	PJ
K.002	29/06/2022	13:19	Kestrel	1	bogs; hunting (suitable nesting habitat; possible breeder)	PJ
K.003	29/06/2022	14:59	Kestrel	1	improved grassland; flying over (suitable nesting habitat; possible breeder)	PJ
K.004	14/04/2023	10:16	Kestrel	1	wet grassland and bogs; perched, hunting, perched in pine tree, hunting over bog (suitable nesting habitat; possible breeder)	CG
K.005	14/04/2023	12:20	Kestrel	1	improved agricultural grassland; hunting (suitable nesting habitat; possible breeder)	CG
K.006	14/04/2023	12:44	Kestrel	1	improved agricultural grassland and bogs; flying (suitable nesting habitat; possible breeder)	CG
K.007	18/05/2023	10:45	Kestrel	1	improved agricultural grassland and bogs; flying, mobbed, attacked by hooded crow (suitable nesting habitat; possible breeder)	CG
K.008	21/06/2023	10:31	Kestrel	1	improved grassland; hunting (suitable nesting habitat; possible breeder)	LDV
K.009	21/06/2023	10:31	Kestrel	1	improved grassland; hunting (suitable nesting habitat; possible breeder)	LDV
K.010	09/04/2024	15:53	Kestrel	1	improved agricultural grassland; hunting, male (flyover; non-breeding)	MH
K.011	12/07/2024	10:46	Kestrel	1	bogs and improved agricultural grassland; hunting, t1 (suitable nesting habitat; possible breeder)	MH

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.012	01/05/2025	13:55	Kestrel	1	wet grassland; hunting (suitable nesting habitat; possible breeder)	CG
K.013	18/06/2025	05:35	Kestrel	1	cutover bog, improved agricultural grassland and scrub; perching, commuting (suitable nesting habitat; possible breeder)	CG

Table 7 - 4 - 44 Kestrel breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.001	BR4	19/05/2022	15:58	Kestrel	1	semi-natural woodland, flying	suitable nesting habitat; possible breeder	PJ
K.002	BR2	24/06/2022	14:12	Kestrel	1	semi-natural woodland, flying, diving	suitable nesting habitat; possible breeder	PJ
K.003	BR2	24/06/2022	14:20	Kestrel	1	semi-natural woodland, flying	suitable nesting habitat; possible breeder	PJ
K.004	BR4	20/07/2022	10:35	Kestrel	1	conifer plantation and bogs, flying, hunting, hovering	flyover; non-breeding	CC
K.005	BR4	20/07/2022	10:40	Kestrel	1	bogs, flying, hunting, hovering	flyover; non-breeding	CC
K.006	BR1	26/07/2022	10:42	Kestrel	1	cutover bog and mixed broadleaved/conifer woodland, soaring, flying	suitable nesting habitat; possible breeder	KG
K.009	BR6	25/04/2023	09:53	Kestrel	1	conifer plantation, bogs and scrub/transitional woodland, flying	suitable nesting habitat; possible breeder	SD
K.010	BR6	25/04/2023	10:43	Kestrel	1	scrub/transitional woodland, flying	suitable nesting habitat; possible breeder	SD
K.011	BR3	01/06/2023	10:32	Kestrel	1	improved grassland, hunting, dropped and didn't catch going back up	suitable nesting habitat; possible breeder	LDV
K.012	BR3	01/06/2023	11:29	Kestrel	1	conifer plantation and bogs, travelling	suitable nesting habitat; possible breeder	LDV
K.013	BR6	28/06/2023	09:15	Kestrel	1	bogs and conifer plantation, travelling, perched, was perched for 10min at the north of the transect	suitable nesting habitat; possible breeder	LDV
K.014	BR5	12/07/2023	16:30	Kestrel	1	bogs and improved agricultural grassland, hunting, adult female	suitable nesting habitat; possible breeder	MH
K.016	BR6	11/04/2024	14:37	Kestrel	1	bogs, hunting	suitable nesting habitat; possible breeder	MH
K.017	BR1	02/04/2025	10:48	Kestrel	1	bogs and scrub, hunting	suitable nesting habitat; possible breeder	NL
K.018	BR4	10/04/2025	11:38	Kestrel	1	linear woodland/scrub, flushed, perched, flushed by surveyor then landed and perched on some trees. perched for 10 or so minutes begore flying back to original spot	suitable nesting habitat; possible breeder	NL
K.019	BR4	10/04/2025	13:42	Kestrel	1	linear woodland/scrub and scrub, flushed, soaring, male. likely same bird as previous	suitable nesting habitat; possible breeder	NL
K.020	BR7	28/05/2025	13:37	Kestrel	1	scrub, flying	flyover; non-breeding	NL
K.026	BR7	08/07/2025	10:10	Kestrel	1	improved agricultural grassland, hunting, perched, preening, male	suitable nesting habitat; possible breeder	NL
K.027	BR6	15/07/2025	10:17	Kestrel	1	scrub, cutover bog and hedgerows, hunting, male	suitable nesting habitat; possible breeder	NL

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.028	BR6	15/07/2025	10:18	Kestrel	1	scrub and hedgerows, flying, calling, flying after male, frantic calling. quick observation so couldn't sex. no idea where it came from as was still following male. unlikely territorial behaviour as it didn't come back to the area. also large number of hooded crows flying over without disturbance	suitable nesting habitat; possible breeder	NL
K.029	BR6	15/07/2025	10:21	Kestrel	1	scrub, cutover bog and hedgerows, hunting, didn't see if it was one of previous individuals	suitable nesting habitat; possible breeder	NL

Table 7 - 4 - 45 Kestrel incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	Hen Harrier Roost Survey; HHVP5	10/10/2021	17:12	Kestrel	1	lowland blanket bog, bog woodland and improved grassland; perched, flying	SF
K.002	Hen Harrier Roost Survey ; HHVP1	02/02/2022	17:24	Kestrel	1	cutover bog, conifer plantation and bog woodland; flying	SF
K.003	Hen Harrier Roost Survey ; HHVP5	04/02/2022	16:07	Kestrel	1	cutover bog, conifer plantation and bog woodland; flying	SF
K.004	Hen Harrier Roost Survey; HHVP6	03/03/2022	17:09	Kestrel	1	cutover bog, conifer plantation and bog woodland; flying	SF
K.005	Waterbird Distribution Survey; Cunlaghfadda	03/08/2022	12:20	Kestrel	1	bogs; hunting	CG
K.006	Waterbird Distribution Survey; Cunlaghfadda	26/09/2022	11:09	Kestrel	1	bogs; hunting, landed	CG
K.007	Hen Harrier Roost Survey; HHVP1	11/11/2022	08:50	Kestrel	1	bogs; hunting	CG
K.008	Waterbird Distribution Survey; Lough Deen	03/02/2023	12:37	Kestrel	1	bogs; hunting	CG
K.009	Hen Harrier Roost Survey; HHVP5	29/03/2023	19:48	Kestrel	1	improved agricultural grassland and bogs; hunting	CG
K.010	Hen Harrier Roost Survey; HHVP5	29/03/2023	20:07	Kestrel	1	improved agricultural grassland and bogs; hunting	CG
K.011	Hen Harrier Roost Survey; HHVP5	29/03/2023	20:22	Kestrel	1	improved agricultural grassland and bogs; hunting	CG
K.012	Waterbird Distribution Survey; Lough deen	18/04/2023	13:40	Kestrel	2	bogs; hunting	LDV
K.013	Waterbird Distribution Survey; Cornalassan	03/05/2023	12:09	Kestrel	1	bogs and improved grassland; hunting	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.014	Breeding Woodcock Survey; Harefield	19/06/2023	21:57	Kestrel	1	bogs and improved grassland; hunting	LDV
K.015	Waterbird Distribution Survey; Derryfadda	02/08/2023	13:10	Kestrel	1	bogs; hunting	LDV
K.016	Waterbird Distribution Survey; Cunlaghfadda	03/11/2023	12:51	Kestrel	1	improved agricultural grassland; hunting	CC
K.017	Waterbird Distribution Survey; Tawney lough	03/11/2023	13:18	Kestrel	1	amenity grassland (improved); hunting	CC
K.018	Hen Harrier Roost Survey; HHVP1	12/12/2023	15:30	Kestrel	1	bogs; traveling	FOD
K.019	Vantage Point Survey; VP1	19/02/2024	12:33	Kestrel	1	improved grassland; hunting	LDV
K.020	Waterbird Distribution Survey; Backfox	13/08/2024	08:15	Kestrel	1	improved agricultural grassland; flying, male	NL
K.021	Waterbird Distribution Survey; Gorteemore	22/08/2024	10:21	Kestrel	1	improved agricultural grassland; hunting	NL
K.022	Hen Harrier Roost Survey; mossbrook, hhvp1	01/10/2024	18:30	Kestrel	1	improved agricultural grassland and hedgerows; hunting	JG
K.023	Waterbird Distribution Survey; knockaunakill	08/10/2024	12:25	Kestrel	1	improved agricultural grassland; catch and eat prey	JG
K.024	Waterbird Distribution Survey; vp1, harefield	29/10/2024	16:52	Kestrel	1	improved agricultural grassland; flying, male	JG
K.025	Hen Harrier Roost Survey; cartron	25/11/2024	16:18	Kestrel	1	improved agricultural grassland and hedgerows; hunting	OC
K.026	Hen Harrier Roost Survey; HHVP1	06/02/2025	16:06	Kestrel	1	cutover bog and improved agricultural grassland; commuting, hunting	CG
K.027	Hen Harrier Roost Survey; HHVP1	06/02/2025	17:56	Kestrel	1	cutover bog; commuting	CG
K.028	Waterbird Distribution Survey; VP2a	13/08/2025	09:14	Kestrel	1	bogs; perched, flushed, male	NL
K.029	Waterbird Distribution Survey; Lough Deen	19/09/2025	12:28	Kestrel	1	bogs; flying, male	JD

1.18 Lapwing

Table 7 - 4 - 46 Lapwing 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
L.001	VP1	15/12/2022	15:28	Lapwing	1	43	33	10	0	0	improved agricultural grassland and wet grassland; flying	CG
L.002	VP2	17/01/2023	11:56	Lapwing	20	30	0	30	0	0	raised bog; travelling	MH
L.003	VP2	25/09/2023	06:56	Lapwing	1	-	-	-	-	-	bogs; calling, heard not seen	PDC
L.004	VP2a	28/11/2024	11:34	Lapwing	4	56	9	0	56	0	bogs, scrub and improved agricultural grassland; travelling	OC
L.005	VP2a	28/11/2024	11:55	Lapwing	4	44	0	44	0	0	bogs, scrub and improved agricultural grassland; travelling	OC

Table 7 - 4 - 47 Lapwing waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
L.001	Lehanagh	03/11/2021	12:29	Lapwing	18	lakes and ponds and improved grassland; feeding	SF
L.002	Tawny Lough	07/11/2021	13:16	Lapwing	8	lakes and ponds and improved grassland; flying	SF
L.003	Drumady Lough	31/12/2021	11:30	Lapwing	55	lakes and ponds and improved grassland; fly over lough, then roost on west lake edge	SF
L.004	Tawny Lough	06/01/2022	10:13	Lapwing	40	turloughs and improved grassland; fly over lake	SF
L.005	Tawny Lough	29/01/2022	10:00	Lapwing	18	lakes and ponds and improved grassland; on lake	SF
L.006	Drumady Lough	29/01/2022	11:00	Lapwing	7	lakes and ponds and improved grassland; lake edge	SF
L.007	Tawny Lough	01/02/2022	12:00	Lapwing	11	lakes and ponds and improved grassland; roost lake edge	SF
L.008	Tawny Lough	27/02/2022	09:30	Lapwing	1	lakes and ponds and improved grassland; on lake	SF
L.009	Drumady Lough	19/10/2022	11:49	Lapwing	4	wet grassland and turloughs; on shore	CG
L.010	Ballyglass	19/10/2022	12:15	Lapwing	3	improved agricultural grassland; flying, flew over road	CG
L.011	Ballynacarrick	19/10/2022	15:02	Lapwing	37	wet grassland and turloughs; on shore	CG
L.012	Lehanagh	24/11/2022	10:30	Lapwing	33	turloughs; resting	CG
L.013	Lehanagh	02/12/2022	12:05	Lapwing	10	turloughs and wet grassland; feeding	CG
L.014	Tawny Lough	12/12/2022	09:55	Lapwing	14	turloughs; resting	CG
L.015	Shanrawy	22/12/2022	11:38	Lapwing	15	turloughs and improved agricultural grassland; on ground	CG
L.016	Tawny Lough	25/01/2023	12:30	Lapwing	60	turloughs; resting	MH

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
L.017	Lehanagh	16/11/2023	11:32	Lapwing	3	lakes and ponds; foraging	CC
L.018	Lehanagh	05/12/2023	11:24	Lapwing	4	improved agricultural grassland; roosting	SD
L.019	Balla	04/01/2024	12:01	Lapwing	33	scrub/transitional woodland; roosting	SD
L.020	Balla	04/04/2024	14:29	Lapwing	3	lakes and ponds; feeding	MH
L.021	Balla	16/04/2024	14:31	Lapwing	3	lakes and ponds; displaying	MH
L.022	Balla	09/05/2024	13:52	Lapwing	4	marsh; displaying	MH
L.023	Tawny Lough	28/11/2024	11:10	Lapwing	2	improved agricultural grassland and acid oligotrophic lakes; foraging	JG
L.024	Lagaturrin	28/11/2024	11:34	Lapwing	9	turloughs and improved agricultural grassland; roosting	JG
L.025	Tawny Lough	04/12/2024	09:34	Lapwing	1	turloughs; foraging	NL
L.026	Tawny Lough	04/12/2024	09:45	Lapwing	19	turloughs; foraging, roosting	NL
L.027	Drumady Lough	28/01/2025	10:24	Lapwing	1	lakes and ponds and improved agricultural grassland; resting	PDC
L.028	Balla	12/03/2025	08:43	Lapwing	3	lakes and ponds; foraging	NL
L.029	Loughbunnaun	19/09/2025	13:42	Lapwing	7	turloughs; foraging	JD
L.030	Ballynacarrick	19/09/2025	14:34	Lapwing	5	turloughs; flying	JD

1.19 Meadow Pipit

Table 7 - 4 - 48 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	VP2	12/10/2021	12:34	Meadow Pipit	1	30	30	0	0	0	bogs and improved grassland; flying	SF
MP002	VP2	02/11/2021	15:02	Meadow Pipit	1	35	35	0	0	0	bogs and improved grassland; flying	SF
MP003	VP2	02/03/2022	12:57	Meadow Pipit	1	35	35	0	0	0	bogs and improved grassland; flying	SF
MP004	VP2	01/04/2022	07:54	Meadow Pipit	1	35	35	0	0	0	present	SF
MP005	VP2	10/05/2022	16:07	Meadow Pipit	2	11	11	0	0	0	bogs; flying	PJ
MP006	VP2	08/06/2022	10:52	Meadow Pipit	2	20	20	0	0	0	bogs; mobbing, hunting	PJ
MP007	VP2	08/06/2022	13:08	Meadow Pipit	3	10	10	0	0	0	bogs; foraging, 1 adult 2 young	PJ
MP008	VP2	08/06/2022	14:22	Meadow Pipit	3	9	9	0	0	0	semi-natural grassland; flying over chirping	PJ
MP009	VP2	28/07/2022	07:38	Meadow Pipit	6	-	-	-	-	-	bogs; flying, flitting	CG
MP010	VP2	28/07/2022	09:37	Meadow Pipit	18	-	-	-	-	-	bogs; perched on wire	CG
MP011	VP1	29/07/2022	11:11	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; perched on wire	CG
MP012	VP2	17/08/2022	08:28	Meadow Pipit	54	-	-	-	-	-	bogs; perched	CG
MP013	VP2	14/09/2022	16:01	Meadow Pipit	3	-	-	-	-	-	bogs; flying	CG
MP014	VP2	14/09/2022	17:18	Meadow Pipit	27	-	-	-	-	-	bogs; perched, on wires	CG
MP015	VP1	08/02/2023	09:30	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; flying	CG
MP016	VP2	14/02/2023	12:59	Meadow Pipit	4	-	-	-	-	-	bogs; flitting	CG
MP017	VP2	15/03/2023	15:30	Meadow Pipit	3	-	-	-	-	-	bogs; flitting	CG
MP018	VP1	12/04/2023	06:57	Meadow Pipit	4	-	-	-	-	-	improved agricultural grassland; flitting	CG
MP019	VP2	16/05/2023	19:47	Meadow Pipit	12	-	-	-	-	-	bogs; flitting, mobbing	CG
MP020	VP1	08/06/2023	17:04	Meadow Pipit	4	-	-	-	-	-	improved grassland; flying, throughout survey	LDV
MP021	VP1	08/06/2023	20:16	Meadow Pipit	6	-	-	-	-	-	improved grassland; flying, throughout survey	LDV
MP022	VP1	03/07/2023	11:25	Meadow Pipit	1	25	25	0	0	0	improved agricultural grassland; travelling	MH
MP023	VP1	03/07/2023	13:33	Meadow Pipit	1	23	23	0	0	0	improved agricultural grassland; travelling	MH
MP024	VP2	04/07/2023	10:57	Meadow Pipit	2	25	25	0	0	0	bogs; travelling	MH

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP025	VP2	04/07/2023	13:37	Meadow Pipit	1	27	0	27	0	0	bogs; travelling	MH
MP026	VP2	04/07/2023	15:18	Meadow Pipit	1	34	34	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP027	VP2	04/07/2023	15:38	Meadow Pipit	1	29	0	29	0	0	bogs; travelling	MH
MP028	VP1	10/08/2023	12:13	Meadow Pipit	4	-	-	-	-	-	improved grassland; flying, throughout the survey	LDV
MP029	VP2	28/08/2023	07:22	Meadow Pipit	65	-	-	-	-	-	highly modified/non-native woodland; flitting, large flock	PDC
MP030	VP2	25/09/2023	08:51	Meadow Pipit	45	-	-	-	-	-	bogs; flitting, total counted	PDC
MP031	VP2	05/10/2023	16:54	Meadow Pipit	7	-	-	-	-	-	bogs; flitting	CG
MP032	VP1	11/10/2023	19:33	Meadow Pipit	3	-	-	-	-	-	improved agricultural grassland; flitting	CG
MP033	VP1	23/11/2023	13:51	Meadow Pipit	10	-	-	-	-	-	improved agricultural grassland; flitting	CG
MP034	VP2	24/11/2023	14:00	Meadow Pipit	15	-	-	-	-	-	bogs; flitting	CG
MP035	VP2	05/12/2023	12:26	Meadow Pipit	3	5	5	0	0	0	lowland blanket bog and wet grassland; flying	POG
MP036	VP2	19/02/2024	13:43	Meadow Pipit	1	-	-	-	-	-	improved grassland; calling, throughout the survey	LDV
MP037	VP2	23/03/2024	06:50	Meadow Pipit	1	8	8	0	0	0	lowland blanket bog; descending	POG
MP038	VP2	23/03/2024	07:51	Meadow Pipit	2	5	5	0	0	0	lowland blanket bog; flying	POG
MP039	VP2	23/03/2024	07:56	Meadow Pipit	1	8	8	0	0	0	lowland blanket bog; landed, flying	POG
MP040	VP2	23/03/2024	08:55	Meadow Pipit	1	12	12	0	0	0	lowland blanket bog and wet grassland; landed, flying	POG
MP041	VP2	23/03/2024	10:48	Meadow Pipit	1	20	20	0	0	0	lowland blanket bog; landed, flying	POG
MP042	VP2	23/03/2024	11:24	Meadow Pipit	2	8	8	0	0	0	lowland blanket bog; landed, flying	POG
MP043	VP1	05/04/2024	15:22	Meadow Pipit	1	15	15	0	0	0	improved agricultural grassland and bogs; travelling	MH
MP044	VP2a	12/04/2024	16:56	Meadow Pipit	1	16	16	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP045	VP2a	12/04/2024	17:11	Meadow Pipit	1	19	19	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP046	VP2a	12/04/2024	18:48	Meadow Pipit	2	15	15	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP047	VP2a	12/04/2024	18:59	Meadow Pipit	1	13	13	0	0	0	bogs and improved agricultural grassland; travelling	MH

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
MP048	VP1	03/05/2024	07:12	Meadow Pipit	1	15	0	15	0	0	improved agricultural grassland; travelling	MH
MP049	VP1	03/05/2024	08:09	Meadow Pipit	1	12	0	12	0	0	improved agricultural grassland; travelling	MH
MP050	VP1	03/05/2024	10:28	Meadow Pipit	1	14	14	0	0	0	improved agricultural grassland; travelling	MH
MP051	VP2a	08/05/2024	10:28	Meadow Pipit	1	14	14	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP052	VP2a	08/05/2024	10:44	Meadow Pipit	2	20	20	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP053	VP2a	20/06/2024	14:26	Meadow Pipit	2	-	-	-	-	-	bogs and improved grassland; flying, throughout the survey	LDV
MP054	VP1	04/07/2024	14:43	Meadow Pipit	2	31	31	0	0	0	improved agricultural grassland; travelling	MH
MP055	VP2a	05/07/2024	13:00	Meadow Pipit	1	17	17	0	0	0	improved agricultural grassland and bogs; travelling	MH
MP056	VP2a	05/07/2024	13:04	Meadow Pipit	1	27	27	0	0	0	improved agricultural grassland; travelling	MH
MP057	VP2a	05/07/2024	13:27	Meadow Pipit	1	18	18	0	0	0	bogs and improved agricultural grassland; travelling	MH
MP058	VP2a	05/07/2024	14:36	Meadow Pipit	1	15	0	15	0	0	bogs and improved agricultural grassland; travelling	MH
MP059	VP2a	05/07/2024	14:54	Meadow Pipit	2	61	61	0	0	0	bogs and improved agricultural grassland; displaying	MH
MP060	VP1	02/09/2024	11:49	Meadow Pipit	2	-	-	-	-	-	improved agricultural grassland; flitting	PDC
MP061	VP2a	24/09/2024	11:17	Meadow Pipit	27	-	-	-	-	-	cutover bog; flitting	CG
MP062	VP1	20/11/2024	13:00	Meadow Pipit	7	-	-	-	-	-	improved agricultural grassland; flying	NS
MP063	VP1	27/11/2024	16:19	Meadow Pipit	8	-	-	-	-	-	improved agricultural grassland; flitting	OC
MP064	VP2a	28/11/2024	12:27	Meadow Pipit	14	-	-	-	-	-	bogs and scrub; flitting	OC
MP065	VP2a	20/01/2025	10:43	Meadow Pipit	2	-	-	-	-	-	bogs; calling, heard not seen	PDC
MP066	VP2	20/03/2025	07:19	Meadow Pipit	2	-	-	-	-	-	bogs; flitting	PDC
MP067	VP2	20/03/2025	07:40	Meadow Pipit	6	-	-	-	-	-	bogs; flitting, perched, perched on wires	PDC
MP068	VP2a	28/04/2025	17:21	Meadow Pipit	4	-	-	-	-	-	wet grassland; singing, displaying	CG
MP069	VP2a	19/05/2025	06:16	Meadow Pipit	5	-	-	-	-	-	bogs; flitting, foraging	PDC
MP070	VP2a	28/08/2025	13:40	Meadow Pipit	1	6	6	0	0	0	improved grassland; flying	LM

Table 7 - 4 - 49 Meadow pipit winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	25/11/2021	12:19	Meadow Pipit	9	bogs and improved agricultural grassland; travelling, total counted	PDC
MP002	24/01/2022	11:22	Meadow Pipit	11	improved agricultural grassland and bogs; feeding, flitting, flock flitting around fields and bog	PDC
MP003	24/01/2022	12:34	Meadow Pipit	5	bogs; flitting	PDC
MP004	18/10/2022	09:17	Meadow Pipit	3	improved agricultural grassland; flying	CG
MP005	18/10/2022	09:33	Meadow Pipit	13	improved agricultural grassland; flying	CG
MP006	18/10/2022	11:34	Meadow Pipit	8	bogs; flying	CG
MP007	14/11/2022	10:35	Meadow Pipit	6	bogs; flying	CG
MP008	04/01/2023	11:45	Meadow Pipit	4	bogs; flying	CG
MP009	28/03/2023	08:57	Meadow Pipit	4	bogs and wet grassland; flitting	CG
MP010	06/10/2023	10:18	Meadow Pipit	24	bogs; flitting	CC
MP011	06/10/2023	12:18	Meadow Pipit	8	improved agricultural grassland; flitting	CC
MP012	10/11/2023	09:20	Meadow Pipit	6	improved agricultural grassland; flitting	CC
MP013	05/01/2024	09:10	Meadow Pipit	5	bogs and wet grassland; flitting	CG
MP014	05/01/2024	09:51	Meadow Pipit	17	improved agricultural grassland; flitting	CG
MP015	11/10/2024	15:11	Meadow Pipit	6	improved agricultural grassland; flitting	OC
MP016	11/10/2024	15:11	Meadow Pipit	24	bogs; flitting	OC
MP017	26/11/2024	14:54	Meadow Pipit	17	bogs and scrub; flitting	OC
MP018	31/01/2025	00:00	Meadow Pipit	5	bogs, scrub and improved agricultural grassland; flitting	OC
MP019	18/03/2025	10:30	Meadow Pipit	4	improved agricultural grassland; flitting, calling	PDC
MP020	18/03/2025	10:33	Meadow Pipit	2	bogs; flitting	PDC

Table 7 - 4 - 50 Meadow pipit breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	25/04/2022	12:15	Meadow Pipit	1	bogs; travelling (flyover; non-breeding)	PJ
MP002	23/05/2022	10:17	Meadow Pipit	2	bogs; foraging (suitable nesting habitat; possible breeder)	PJ
MP003	29/06/2022	13:41	Meadow Pipit	3	bogs; flitting (suitable nesting habitat; possible breeder)	PJ
MP004	29/06/2022	14:27	Meadow Pipit	2	bogs; foraging (suitable nesting habitat; possible breeder)	PJ
MP005	29/06/2022	14:41	Meadow Pipit	2	semi-natural grassland and bogs; flying over low (suitable nesting habitat; possible breeder)	PJ
MP006	27/07/2022	05:44	Meadow Pipit	1	semi-natural grassland; flying	JS

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP007	27/07/2022	07:25	Meadow Pipit	20	cutover bog; flying	JS
MP008	14/04/2023	09:14	Meadow Pipit	6	bogs and wet grassland; flitting (courtship and display; probable breeding)	CG
MP009	14/04/2023	10:44	Meadow Pipit	4	wet grassland; flitting (courtship and display; probable breeding)	CG
MP010	14/04/2023	13:05	Meadow Pipit	5	improved agricultural grassland and wet grassland; flitting (courtship and display; probable breeding)	CG
MP011	18/05/2023	10:42	Meadow Pipit	4	wet grassland and conifer plantation; flitting (courtship and display; probable breeding)	CG
MP012	18/05/2023	12:00	Meadow Pipit	1	bogs; carrying food (adult carrying food/faecal sac; confirmed breeding)	CG
MP013	18/05/2023	12:40	Meadow Pipit	7	bogs; flitting (courtship and display; probable breeding)	CG
MP014	18/05/2023	12:43	Meadow Pipit	2	bogs and improved agricultural grassland; flying (suitable nesting habitat; possible breeder)	CG
MP015	21/06/2023	10:43	Meadow Pipit	4	bogs; singing (singing male; possible breeder)	LDV
MP016	21/06/2023	10:43	Meadow Pipit	6	bogs and improved grassland; singing (singing male; possible breeder)	LDV
MP017	21/06/2023	10:44	Meadow Pipit	10	bogs; singing (singing male; possible breeder)	LDV
MP018	21/06/2023	10:45	Meadow Pipit	1	bogs; singing (singing male; possible breeder)	LDV
MP019	05/07/2023	10:07	Meadow Pipit	1	bogs and improved agricultural grassland; travelling (flyover; non-breeding)	MH
MP020	05/07/2023	10:28	Meadow Pipit	1	bogs; travelling (flyover; non-breeding)	MH
MP021	05/07/2023	11:17	Meadow Pipit	1	improved agricultural grassland; travelling (flyover; non-breeding)	MH
MP022	05/07/2023	11:19	Meadow Pipit	2	improved agricultural grassland and bogs; travelling (flyover; non-breeding)	MH
MP023	05/07/2023	11:27	Meadow Pipit	2	improved agricultural grassland and bogs; travelling (flyover; non-breeding)	MH
MP024	05/07/2023	12:03	Meadow Pipit	2	improved agricultural grassland and bogs; travelling (suitable nesting habitat; possible breeder)	MH
MP025	05/07/2023	12:11	Meadow Pipit	1	improved agricultural grassland; travelling (suitable nesting habitat; possible breeder)	MH
MP026	05/07/2023	13:06	Meadow Pipit	1	improved agricultural grassland; travelling (suitable nesting habitat; possible breeder)	MH
MP027	05/07/2023	13:28	Meadow Pipit	2	improved agricultural grassland and bogs; travelling (suitable nesting habitat; possible breeder)	MH
MP028	09/04/2024	09:11	Meadow Pipit	2	bogs and improved agricultural grassland; travelling (pair; probable breeding)	MH
MP029	09/04/2024	14:36	Meadow Pipit	1	improved agricultural grassland; travelling (suitable nesting habitat; possible breeder)	MH
MP030	09/04/2024	15:59	Meadow Pipit	2	improved agricultural grassland; travelling (pair; probable breeding)	MH
MP031	09/04/2024	16:42	Meadow Pipit	1	bogs; travelling (flyover; non-breeding)	MH
MP032	07/05/2024	13:20	Meadow Pipit	1	bogs; travelling (suitable nesting habitat; possible breeder)	MH
MP033	07/05/2024	14:14	Meadow Pipit	1	conifer plantation and bogs; travelling (suitable nesting habitat; possible breeder)	MH
MP034	07/05/2024	14:20	Meadow Pipit	2	bogs and improved agricultural grassland; travelling (pair; probable breeding)	MH
MP035	07/05/2024	14:26	Meadow Pipit	1	bogs; travelling (suitable nesting habitat; possible breeder)	MH

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
MP036	07/05/2024	14:56	Meadow Pipit	1	improved agricultural grassland and bogs; travelling (suitable nesting habitat; possible breeder)	MH
MP037	07/06/2024	07:45	Meadow Pipit	15	improved agricultural grassland; flitting, singing (singing male; possible breeder)	CG
MP038	07/06/2024	11:15	Meadow Pipit	10	cutover bog; singing, flitting (singing male; possible breeder)	CG
MP039	12/07/2024	10:01	Meadow Pipit	1	improved agricultural grassland; travelling, t1 (flyover; non-breeding)	MH
MP040	12/07/2024	11:20	Meadow Pipit	1	improved agricultural grassland and bogs; travelling, t2 (flyover; non-breeding)	MH
MP041	12/07/2024	11:48	Meadow Pipit	1	bogs and improved agricultural grassland; travelling, t2 (flyover; non-breeding)	MH
MP042	18/06/2025	05:50	Meadow Pipit	4	improved agricultural grassland and wet grassland; displaying, flitting (courtship and display; probable breeding)	CG
MP043	18/06/2025	10:25	Meadow Pipit	6	cutover bog; flitting (suitable nesting habitat; possible breeder)	CG

Table 7 - 4 - 51 Meadow pipit incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP001	Breeding Raptor Survey; BRVP6	12/05/2022	11:28	Meadow Pipit	2	bogs; flying	PJ
MP002	Breeding Raptor Survey; BRVP1	19/07/2022	09:15	Meadow Pipit	30	mixed broadleaved woodland and improved agricultural grassland; flying	JS
MP003	Breeding Raptor Survey; BRVP1	26/07/2022	09:00	Meadow Pipit	15	cutover bog; flying over, calling, carrying food, numerous individuals, mostly flying, one carrying food	KG
MP004	Breeding Raptor Survey; BRVP6	26/07/2022	09:28	Meadow Pipit	15	cutover bog; flying, calling	JS
MP005	Hen Harrier Roost Survey; HHVP6	18/10/2022	08:46	Meadow Pipit	4	bogs; flying	CG
MP006	Hen Harrier Roost Survey; HHVP6	14/11/2022	09:19	Meadow Pipit	3	bogs; flying	CG
MP007	Hen Harrier Roost Survey; HHVP1	01/02/2023	17:41	Meadow Pipit	2	bogs and improved agricultural grassland; feeding	CG
MP008	Hen Harrier Roost Survey; HHVP6	13/02/2023	09:00	Meadow Pipit	5	bogs; flitting	CG
MP009	Hen Harrier Roost Survey; HHVP1	13/03/2023	18:07	Meadow Pipit	3	bogs; flitting	CG
MP010	Hen Harrier Roost Survey; HHVP6	24/03/2023	19:56	Meadow Pipit	2	bogs; flitting	CG
MP011	Hen Harrier Roost Survey; HHVP5	29/03/2023	18:38	Meadow Pipit	6	bogs; perched	CG
MP012	Waterbird Distribution Survey; Lough deen	18/04/2023	13:40	Meadow Pipit	2	bogs; displaying	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP013	Breeding Raptor Survey; BRVP1	03/05/2023	09:30	Meadow Pipit	1	cutover bog; flying, calling	POG
MP014	Waterbird Distribution Survey; Lough deen	03/05/2023	11:56	Meadow Pipit	1	bogs; displaying	LDV
MP015	Waterbird Distribution Survey; Lough deen bog	17/05/2023	13:19	Meadow Pipit	1	bogs; displaying	LDV
MP016	Breeding Raptor Survey; BRVP5	23/05/2023	06:00	Meadow Pipit	1	cutover bog; flying	POG
MP017	Breeding Raptor Survey; BRVP6	25/05/2023	06:00	Meadow Pipit	1	cutover bog; flying	POG
MP018	Breeding Raptor Survey; Mossbrook	27/06/2023	10:43	Meadow Pipit	6	bogs; flying, throughout survey	LDV
MP019	Breeding Raptor Survey; Clogherduff	28/06/2023	10:16	Meadow Pipit	4	bogs; flying, throughout survey	LDV
MP020	Breeding Raptor Survey; BRVP1	06/07/2023	14:22	Meadow Pipit	1	bogs and improved agricultural grassland; travelling	MH
MP021	Breeding Raptor Survey; BRVP5	12/07/2023	14:22	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP022	Breeding Raptor Survey; BRVP5	12/07/2023	15:51	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP023	Waterbird Distribution Survey; Tawney lough	02/08/2023	12:21	Meadow Pipit	2	lakes and ponds; flying	LDV
MP024	Hen Harrier Roost Survey; HHVP6	20/10/2023	17:56	Meadow Pipit	11	raised bog; travelling, calling, circling bog	BF
MP025	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:18	Meadow Pipit	6	cutover bog; travelling	LL
MP026	Hen Harrier Roost Survey; hhvp5	06/11/2023	17:31	Meadow Pipit	4	bogs; flitting	CG
MP027	Breeding Raptor Survey; BR5	03/04/2024	15:05	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP028	Breeding Raptor Survey; BR5	03/04/2024	15:07	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP029	Breeding Raptor Survey; BR5	03/04/2024	16:17	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP030	Breeding Raptor Survey; BR5	03/04/2024	16:49	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP031	Breeding Raptor Survey; BR4	10/05/2024	14:12	Meadow Pipit	1	bogs; travelling	MH
MP032	Breeding Raptor Survey; BR1	29/05/2024	19:41	Meadow Pipit	1	bogs; travelling	MH
MP033	Breeding Raptor Survey; BR1	29/05/2024	19:57	Meadow Pipit	1	bogs; travelling	MH
MP034	Breeding Raptor Survey; BR1	29/05/2024	20:19	Meadow Pipit	1	bogs; displaying	MH
MP035	Breeding Raptor Survey; BR1	29/05/2024	20:48	Meadow Pipit	1	bogs; displaying	MH
MP036	Breeding Raptor Survey; BRVP5	05/06/2024	14:22	Meadow Pipit	1	bogs and conifer plantation; travelling	MH
MP037	Breeding Raptor Survey; BRVP5	05/06/2024	16:06	Meadow Pipit	1	bogs and conifer plantation; travelling	MH

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MP038	Breeding Raptor Survey; BRVP1	06/06/2024	10:29	Meadow Pipit	2	bogs; displaying	MH
MP039	Breeding Raptor Survey; BRVP1	06/06/2024	11:30	Meadow Pipit	1	bogs; displaying	MH
MP040	Breeding Raptor Survey; BRVP1	06/06/2024	11:41	Meadow Pipit	1	bogs; travelling	MH
MP041	Breeding Raptor Survey; BRVP1	06/06/2024	11:49	Meadow Pipit	1	bogs; travelling	MH
MP042	Breeding Raptor Survey; BRVP1	06/06/2024	12:34	Meadow Pipit	2	bogs; travelling	MH
MP043	Breeding Raptor Survey; BRVP1	06/06/2024	12:43	Meadow Pipit	1	bogs; travelling	MH
MP044	Breeding Raptor Survey; BRVP1	10/06/2024	11:12	Meadow Pipit	1	bogs; displaying	MH
MP045	Breeding Raptor Survey; BR1	16/07/2024	10:20	Meadow Pipit	2	bogs; travelling	MH
MP046	Breeding Raptor Survey; BR1	16/07/2024	11:46	Meadow Pipit	1	bogs; travelling	MH
MP047	Breeding Raptor Survey; BR1	16/07/2024	12:38	Meadow Pipit	1	bogs; travelling	MH
MP048	Hen Harrier Roost Survey; mossbrook	14/11/2024	16:20	Meadow Pipit	31	bogs and scrub; flitting	OC
MP049	Hen Harrier Roost Survey; cartron	25/11/2024	16:52	Meadow Pipit	13	scrub and bogs; flitting	OC
MP050	Hen Harrier Roost Survey; HHVP1	11/12/2024	16:00	Meadow Pipit	3	bogs; flying	NS
MP051	Hen Harrier Roost Survey; Mossbrook	18/03/2025	08:22	Meadow Pipit	9	bogs; flitting, displaying	PDC
MP052	Hen Harrier Roost Survey; Cartron	21/03/2025	08:02	Meadow Pipit	7	bogs; flitting, displaying	PDC

1.20 Redwing

Table 7 - 4 - 52 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	VP1	04/11/2021	08:22	Redwing	2	35	35	0	0	0	improved grassland; perched	SF
RE002	VP1	04/11/2021	09:29	Redwing	10	35	35	0	0	0	improved grassland; perched	SF
RE003	VP1	30/11/2021	12:52	Redwing	30	35	35	0	0	0	bogs and improved grassland; flying	SF
RE004	VP2	02/12/2021	13:58	Redwing	30	35	35	0	0	0	bogs and improved grassland; flying	SF
RE005	VP1	30/12/2021	08:18	Redwing	10	35	35	0	0	0	bogs and improved grassland; flying, calling	SF
RE006	VP1	16/01/2023	08:00	Redwing	12	600	600	0	0	0	improved agricultural grassland; feeding, flock feeding and flying next to van for approx. 10 minutes	MH
RE007	VP1	23/11/2023	13:52	Redwing	5	-	-	-	-	-	improved agricultural grassland; feeding	CG
RE008	VP2	05/12/2023	11:56	Redwing	5	20	20	0	0	0	lowland blanket bog and wet grassland; flying together into distant trees	POG
RE009	VP2	05/12/2023	12:00	Redwing	7	35	0	35	0	0	wet grassland and lowland blanket bog; flying until out of sight	POG
RE010	VP1	01/02/2024	13:46	Redwing	50	-	-	-	-	-	improved grassland; travelling, large groups flying across the area	LDV
RE011	VP2	19/02/2024	17:14	Redwing	7	-	-	-	-	-	improved grassland; travelling	LDV
RE012	VP1	20/11/2024	11:50	Redwing	5	20	0	20	0	0	improved agricultural grassland; flying	NS
RE013	VP1	20/11/2024	12:15	Redwing	7	25	25	0	0	0	improved agricultural grassland; flying	NS
RE014	VP1	27/11/2024	18:58	Redwing	6	-	-	-	-	-	improved agricultural grassland; feeding	OC

Table 7 - 4 - 53 Redwing winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RE001	25/11/2021	13:30	Redwing	35	linear woodland/scrub and improved grassland; feeding, forgot to map this flock when I was on site.	PDC
RE002	14/11/2022	10:21	Redwing	3	bogs and hedgerows; flying	CG
RE003	31/01/2025	00:00	Redwing	6	improved agricultural grassland; foraging	OC

Table 7 - 4 - 54 Redwing incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RE001	Hen Harrier Roost Survey; HHVP6	13/02/2023	08:19	Redwing	12	bogs and bog woodland; flying, in a mixed flock with fieldfare	CG
RE002	Hen Harrier Roost Survey; HHVP5	20/10/2023	17:11	Redwing	1	cutover bog; travelling	LL
RE003	Hen Harrier Roost Survey; HHVP5	20/10/2023	17:38	Redwing	3	cutover bog; travelling	LL
RE004	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:01	Redwing	20	cutover bog; travelling	LL
RE005	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:17	Redwing	17	cutover bog; travelling	LL
RE006	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:21	Redwing	14	cutover bog; travelling	LL
RE007	Hen Harrier Roost Survey; HHVP1	02/11/2023	16:23	Redwing	10	treelines; calling	CC
RE008	Hen Harrier Roost Survey; HHVP6	13/12/2023	16:37	Redwing	9	bogs and conifer plantation; traveling	FOD
RE009	Waterbird Distribution Survey; Tawney Lough	04/12/2024	09:35	Redwing	5	turloughs; foraging on turlough edge	NL
RE010	Hen Harrier Roost Survey; HHVP5	16/12/2024	16:00	Redwing	30	cutover bog; commuting	CG

1.21 Shoveler

Table 7 - 4 - 55 Shoveler waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SV001	Tawny Lough	11/10/2021	13:58	Shoveler	12	lakes and ponds and improved grassland; on water	SF
SV002	Tawny Lough	01/11/2021	12:10	Shoveler	2	lakes and ponds and improved grassland; roosting	SF
SV003	Tawny Lough	01/11/2021	12:27	Shoveler	9	lakes and ponds and improved grassland; roosting	SF
SV004	Roselee/freeheen/lehanagh	03/11/2021	12:29	Shoveler	4	lakes and ponds and improved grassland; feeding	SF
SV005	Lehanagh Turlough	06/11/2021	13:30	Shoveler	6	turloughs and improved grassland; on water	SF
SV006	Tawny Lough	07/11/2021	12:30	Shoveler	10	lakes and ponds and improved grassland; on water	SF
SV007	Tawny Lough	07/11/2021	12:54	Shoveler	5	lakes and ponds and improved grassland; on water	SF
SV008	Tawny Lough	29/11/2021	10:23	Shoveler	19	lakes and ponds and improved grassland; on water	SF
SV009	Drumady Lough	29/11/2021	12:30	Shoveler	2	on water	SF
SV010	Tawny Lough	03/12/2021	10:50	Shoveler	5	lakes and ponds and improved grassland; on water	SF
SV011	Tawny Lough	03/12/2021	11:03	Shoveler	7	lakes and ponds and improved grassland; on water	SF
SV012	Tawny Lough	03/12/2021	11:10	Shoveler	4	lakes and ponds and improved grassland; on water	SF
SV013	Tawny Lough	31/12/2021	09:27	Shoveler	12	lakes and ponds and improved grassland; on water	SF
SV014	Tawny Lough	06/01/2022	10:30	Shoveler	6	lakes and ponds and improved grassland; on water	SF
SV015	Lehanagh	06/01/2022	12:31	Shoveler	2	lakes and ponds and improved grassland; on lake	SF
SV016	Tawny Lough	29/01/2022	09:00	Shoveler	11	lakes and ponds and improved grassland; on lake	SF
SV017	Tawny Lough	01/02/2022	13:00	Shoveler	4	lakes and ponds and improved grassland; on lake	SF
SV018	Tawny Lough	27/02/2022	09:30	Shoveler	55	lakes and ponds and improved grassland; on lake	SF
SV019	Lehanagh	27/02/2022	12:15	Shoveler	4	lakes and ponds and improved grassland; on lake	SF
SV020	Tawny Lough	01/03/2022	13:30	Shoveler	33	lakes and ponds and improved grassland; on lake	SF
SV021	Tawny Lough	29/03/2022	08:15	Shoveler	18	lakes and ponds and improved grassland; on lake	SF
SV022	Tawny Lough	03/04/2022	07:20	Shoveler	10	lakes and ponds and improved grassland; on lake	SF
SV023	Tawny Lough	24/11/2022	09:18	Shoveler	12	turloughs; resting	CG
SV024	Lehanagh	24/11/2022	10:30	Shoveler	5	turloughs; feeding	CG
SV025	Tawny Lough	02/12/2022	10:27	Shoveler	9	turloughs; feeding	CG
SV026	Lehanagh	02/12/2022	11:59	Shoveler	7	turloughs; feeding	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SV027	Tawny Lough	12/12/2022	10:00	Shoveler	14	turloughs; on water	CG
SV028	Carrowgarve	12/12/2022	10:25	Shoveler	17	turloughs; on water	CG
SV029	Lehanagh	12/12/2022	10:46	Shoveler	10	turloughs; on water	CG
SV030	Ballymackeogh	22/12/2022	11:39	Shoveler	2	turloughs; feeding	CG
SV031	Tawny Lough	22/12/2022	12:00	Shoveler	9	turloughs; on water	CG
SV032	Ballynacarrick	22/12/2022	12:40	Shoveler	4	turloughs; feeding	CG
SV033	Tawny Lough	06/01/2023	11:27	Shoveler	29	turloughs; feeding	CG
SV034	Balla	06/01/2023	11:50	Shoveler	11	turloughs; on water	CG
SV035	Lehanagh	06/01/2023	12:07	Shoveler	4	turloughs; on water	CG
SV036	Pollawaddy	06/01/2023	12:29	Shoveler	2	turloughs; on water	CG
SV037	Tawny Lough	25/01/2023	12:30	Shoveler	41	turloughs; feeding	MH
SV038	Drumadoon	25/01/2023	13:30	Shoveler	1	turloughs; on water, single drake	MH
SV039	Lehanagh	25/01/2023	14:15	Shoveler	10	turloughs; on water	MH
SV040	Tawny Lough	03/02/2023	10:21	Shoveler	34	turloughs; on water	CG
SV041	Balla	03/02/2023	11:08	Shoveler	17	turloughs; feeding	CG
SV042	Tawny Lough	16/02/2023	10:38	Shoveler	19	turloughs; on water	CG
SV043	Tawny Lough	03/03/2023	10:25	Shoveler	9	turloughs; on water	CG
SV044	Tawny Lough	23/03/2023	10:31	Shoveler	44	turloughs; feeding	CG
SV045	Balla	23/03/2023	10:55	Shoveler	2	turloughs; on water	CG
SV046	Tawny Lough	05/04/2023	12:05	Shoveler	10	lakes and ponds; foraging	LDV
SV047	Tawny Lough	18/04/2023	11:40	Shoveler	4	turloughs; foraging	LDV
SV048	Tawny Lough	03/05/2023	10:25	Shoveler	2	turloughs; foraging	LDV
SV049	Tawny Lough	17/05/2023	12:06	Shoveler	2	turloughs; foraging	LDV
SV050	Tawny Lough	20/10/2023	13:01	Shoveler	29	lakes and ponds; resting, foraging	CC
SV051	Tawny Lough	03/11/2023	13:39	Shoveler	7	lakes and ponds; foraging, resting	CC
SV052	Gortnaraha	03/11/2023	14:08	Shoveler	10	improved agricultural grassland; resting	CC
SV053	Kilbride	03/11/2023	14:53	Shoveler	7	lakes and ponds and improved agricultural grassland; resting	CC
SV054	Ballynacarrick	16/11/2023	09:48	Shoveler	2	lakes and ponds; foraging	CC
SV055	Tawny Lough	16/11/2023	10:23	Shoveler	23	lakes and ponds; foraging	CC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SV056	Freeheen	16/11/2023	11:32	Shoveler	12	lakes and ponds; resting	CC
SV057	Tawny Lough	05/12/2023	12:12	Shoveler	47	lakes and ponds; roosting	SD
SV058	Tawny Lough	05/12/2023	12:14	Shoveler	21	lakes and ponds; roosting	SD
SV059	Knockadorraghy	20/12/2023	11:53	Shoveler	6	lakes and ponds; roosting	SD
SV060	Tawny Lough	20/12/2023	12:48	Shoveler	11	lakes and ponds; foraging	SD
SV061	Tawny Lough	20/12/2023	12:57	Shoveler	93	lakes and ponds; foraging	SD
SV062	Pollawaddy	04/01/2024	12:05	Shoveler	11	scrub/transitional woodland; roosting	SD
SV063	Gortnaraha	30/01/2024	11:18	Shoveler	6	improved agricultural grassland; resting	CC
SV064	Tawny Lough	30/01/2024	12:42	Shoveler	26	linear woodland/scrub; resting, foraging	CC
SV065	Tawny Lough	12/02/2024	14:18	Shoveler	27	linear woodland/scrub; foraging, swimming	CC
SV066	Gortnaraha	26/02/2024	07:46	Shoveler	2	watercourses; foraging	CC
SV067	Tawny Lough	26/02/2024	08:02	Shoveler	61	watercourses; foraging	CC
SV068	Tawny Lough	07/03/2024	10:34	Shoveler	18	lakes and ponds; foraging, swimming	CC
SV069	Tawny Lough	20/03/2024	08:35	Shoveler	29	turloughs; foraging, swimming	CC
SV070	Balla	20/03/2024	09:12	Shoveler	27	lakes and ponds; resting	CC
SV071	Ballymackeogh	04/04/2024	13:56	Shoveler	1	turloughs; feeding, solitary drake	MH
SV072	Balla	04/04/2024	14:33	Shoveler	2	lakes and ponds; feeding	MH
SV073	Tawny Lough	04/04/2024	14:54	Shoveler	4	turloughs; feeding	MH
SV074	Gortnaraha	04/04/2024	15:12	Shoveler	2	lakes and ponds; on water	MH
SV075	Tawny Lough	16/04/2024	14:57	Shoveler	2	lakes and ponds; feeding	MH
SV076	Tawny Lough	08/10/2024	11:06	Shoveler	12	improved agricultural grassland, acid oligotrophic lakes and turloughs; foraging, roosting	JG
SV077	Tawny Lough	29/10/2024	15:45	Shoveler	16	acid oligotrophic lakes; foraging	JG
SV078	Tawny Lough	12/11/2024	16:12	Shoveler	5	acid oligotrophic lakes; foraging	JG
SV079	Tawny Lough	28/11/2024	11:10	Shoveler	66	acid oligotrophic lakes and improved agricultural grassland; foraging, roosting	JG
SV080	Balla	04/12/2024	09:09	Shoveler	8	turloughs; foraging	NL
SV081	Tawny Lough	04/12/2024	09:30	Shoveler	2	turloughs; foraging	NL
SV082	Tawny Lough	04/12/2024	09:33	Shoveler	5	turloughs; foraging	NL
SV083	Tawny Lough	04/12/2024	09:38	Shoveler	13	turloughs; foraging	NL

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SV084	Tawny Lough	04/12/2024	09:45	Shoveler	11	turloughs; foraging	NL
SV085	Tawny Lough	04/12/2024	09:47	Shoveler	4	turloughs; foraging	NL
SV086	Tawny Lough	17/12/2024	10:01	Shoveler	2	turloughs; foraging	NL
SV087	Tawny Lough	17/12/2024	10:05	Shoveler	6	turloughs; foraging	NL
SV088	Tawny Lough	17/12/2024	10:11	Shoveler	4	turloughs; foraging	NL
SV089	Gorteenmore	17/12/2024	10:22	Shoveler	23	turloughs; foraging	NL
SV090	Ballymacloughlin Lake	14/01/2025	10:54	Shoveler	9	turloughs; foraging	PDC
SV091	Tawny Lough	14/01/2025	11:32	Shoveler	6	lakes and ponds; foraging	PDC
SV092	Ballymacloughlin Lake	28/01/2025	10:52	Shoveler	9	turloughs; foraging	PDC
SV093	Balla	12/02/2025	09:13	Shoveler	2	turloughs; foraging	NL
SV094	Tawny Lough	12/02/2025	10:15	Shoveler	38	turloughs; foraging	NL
SV095	Lehanagh	20/02/2025	08:42	Shoveler	8	turloughs; foraging	NL
SV096	Tawny Lough	20/02/2025	09:17	Shoveler	15	turloughs; foraging	NL
SV097	Tawny Lough	20/02/2025	09:19	Shoveler	35	turloughs; foraging	NL
SV098	Tawny Lough	12/03/2025	09:03	Shoveler	4	lakes and ponds; foraging	NL
SV099	Tawny Lough	12/03/2025	09:05	Shoveler	5	lakes and ponds; foraging	NL
SV100	Tawny Lough	12/03/2025	09:11	Shoveler	6	lakes and ponds; foraging	NL
SV101	Tawny Lough	27/03/2025	11:17	Shoveler	2	turloughs; foraging	NL
SV102	Tawny Lough	27/03/2025	11:24	Shoveler	3	turloughs; foraging	NL
SV103	Tawny Lough	03/04/2025	12:02	Shoveler	3	lakes and ponds; foraging	PM
SV104	Tawny Lough	03/04/2025	12:07	Shoveler	3	lakes and ponds; roosting	PM
SV105	Gortnaraha	03/04/2025	12:18	Shoveler	4	lakes and ponds; roosting	PM
SV106	Tawny Lough	06/05/2025	09:56	Shoveler	1	turloughs; foraging	PDC

1.22 Snipe

Table 7 - 4 - 56 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
SN001	VP2	12/10/2021	09:46	Snipe	15	35	35	0	0	0	bogs and improved grassland; flying	SF
SN002	VP2	12/10/2021	10:04	Snipe	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SN003	VP2	12/10/2021	12:23	Snipe	52	40	40	0	0	0	bogs and improved grassland; flying	SF
SN004	VP2	12/10/2021	12:48	Snipe	4	40	40	0	0	0	bogs and improved grassland; circling, flying	SF
SN005	VP2	12/10/2021	13:32	Snipe	30	35	35	0	0	0	bogs and improved grassland; circling, landed	SF
SN006	VP2	02/11/2021	17:36	Snipe	1	30	30	0	0	0	bogs and improved grassland; flying	SF
SN007	VP2	02/12/2021	07:32	Snipe	1	30	30	0	0	0	bogs and improved grassland; flying, calling	SF
SN008	VP2	02/12/2021	12:04	Snipe	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SN009	VP2	07/01/2022	17:14	Snipe	1	35	35	0	0	0	bogs and improved grassland; flying, calling	SF
SN010	VP2	02/03/2022	18:41	Snipe	1	35	35	0	0	0	bogs and improved grassland; calling	SF
SN011	VP2	01/04/2022	06:04	Snipe	1	-	-	-	-	-	calling	SF
SN012	VP2	01/04/2022	06:13	Snipe	1	-	-	-	-	-	calling	SF
SN013	VP1	02/04/2022	06:17	Snipe	1	-	-	-	-	-	calling	SF
SN014	VP2	08/06/2022	11:00	Snipe	1	-	-	-	-	-	bogs; calling	PJ
SN016	VP2	08/06/2022	12:49	Snipe	1	-	-	-	-	-	bogs; calling	PJ
SN017	VP2	08/06/2022	13:47	Snipe	1	-	-	-	-	-	bogs; calling	PJ
SN018	VP2	08/06/2022	14:14	Snipe	2	6	6	0	0	0	bogs; flying together low and fast	PJ
SN019	VP2	08/06/2022	14:27	Snipe	1	16	6	10	0	0	bogs; flew up calling	PB
SN020	VP2	28/07/2022	09:18	Snipe	1	8	8	0	0	0	bogs; low fast flight, flew from drain to drain	CG
SN021	VP2	28/07/2022	09:58	Snipe	1	72	12	60	0	0	bogs; flying, calling	CG
SN022	VP2	17/08/2022	07:47	Snipe	2	36	16	20	0	0	bogs; flying, flew up out of drainage ditch, circled once and landed in a boggy corner	CG
SN023	VP2	13/10/2022	07:21	Snipe	1	-	-	-	-	-	bogs; calling, heard not seen	CG
SN024	VP1	27/10/2022	09:01	Snipe	1	-	-	-	-	-	wet grassland; calling	CG
SN025	VP1	27/10/2022	09:36	Snipe	2	22	0	22	0	0	improved agricultural grassland and wet grassland; flying	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN026	VP1	15/12/2022	12:12	Snipe	1	8	8	0	0	0	improved agricultural grassland; flying	CG
SN027	VP1	15/12/2022	16:55	Snipe	1	10	10	0	0	0	improved agricultural grassland; flying	CG
SN028	VP1	08/02/2023	07:34	Snipe	1	15	15	0	0	0	improved agricultural grassland; flying	CG
SN029	VP2	06/04/2023	06:25	Snipe	2	-	-	-	-	-	bogs and wet grassland; singing	CG
SN030	VP2	16/05/2023	19:47	Snipe	1	-	-	-	-	-	bogs; singing	CG
SN031	VP2	25/09/2023	06:24	Snipe	2	-	-	-	-	-	bogs; calling, heard not seen	PDC
SN032	VP2	25/09/2023	06:30	Snipe	1	-	-	-	-	-	bogs; calling, heard not seen	PDC
SN033	VP2	25/09/2023	06:31	Snipe	1	-	-	-	-	-	bogs; calling, heard not seen	PDC
SN034	VP2	05/10/2023	18:33	Snipe	1	-	-	-	-	-	bogs; calling	CG
SN035	VP2	05/10/2023	19:41	Snipe	2	-	-	-	-	-	bogs; calling	CG
SN036	VP1	11/10/2023	19:34	Snipe	1	-	-	-	-	-	improved agricultural grassland; calling	CG
SN037	VP2	24/11/2023	10:42	Snipe	1	-	-	-	-	-	bogs; flying, calling	CG
SN038	VP2	19/02/2024	17:09	Snipe	1	5	5	0	0	0	improved grassland; flushed	LDV
SN041	VP2a	12/04/2024	20:58	Snipe	4	34	0	34	0	0	bogs; travelling	MH
SN043	VP2a	12/04/2024	21:11	Snipe	5	36	0	36	0	0	bogs; travelling	MH
SN045	VP2a	20/06/2024	13:43	Snipe	1	96	6	10	80	0	bogs and improved grassland; circling	LDV
SN047	VP2a	20/06/2024	14:14	Snipe	1	168	8	10	150	0	bogs; circling	LDV
SN048	VP2a	20/06/2024	14:45	Snipe	1	7	7	0	0	0	improved grassland and bogs; travelling	LDV
SN049	VP2a	05/07/2024	18:49	Snipe	1	-	-	-	-	-	bogs; chipping, heard not seen	MH
SN050	VP2a	24/09/2024	06:41	Snipe	1	-	-	-	-	-	cutover bog; calling	CG
SN051	VP2a	24/09/2024	07:48	Snipe	1	-	-	-	-	-	cutover bog; calling	CG
SN052	VP2a	15/11/2024	07:26	Snipe	1	-	-	-	-	-	bogs and scrub; calling	OC
SN053	VP1	21/01/2025	07:30	Snipe	1	5	5	0	0	0	improved agricultural grassland; flushed	CG
SN055	VP2a	28/04/2025	19:34	Snipe	1	109	0	19	90	0	improved agricultural grassland and cutover bog; commuting, calling	CG

Table 7 - 4 - 57 Snipe winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	25/11/2021	12:17	Snipe	1	bogs; flushed from bog	PDC
SN002	24/01/2022	12:33	Snipe	1	bogs; flushed, flushed then dropped further into bog	PDC
SN003	11/10/2024	09:33	Snipe	8	improved agricultural grassland and scrub; travelling	OC
SN004	11/10/2024	09:43	Snipe	1	scrub and bogs; flushed	OC
SN005	11/10/2024	10:09	Snipe	3	bogs and scrub; travelling	OC
SN006	11/10/2024	11:19	Snipe	2	bogs; flushed	OC
SN007	26/11/2024	11:20	Snipe	1	scrub and bogs; flushed	OC
SN008	18/03/2025	10:21	Snipe	5	bogs; flushed	PDC

Table 7 - 4 - 58 Snipe breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	25/04/2022	12:30	Snipe	1	bogs; calling (suitable nesting habitat; possible breeder)	PJ
SN003	14/04/2023	09:52	Snipe	1	bogs; flying, singing (singing male; possible breeder)	CG
SN004	14/04/2023	11:15	Snipe	1	wet grassland; singing (singing male; possible breeder)	CG
SN005	18/05/2023	12:03	Snipe	1	bogs; singing (singing male; possible breeder)	CG
SN007	05/07/2023	11:52	Snipe	1	bogs; flushed (suitable nesting habitat; possible breeder)	MH
SN008	05/07/2023	12:43	Snipe	1	bogs and improved agricultural grassland; flushed (suitable nesting habitat; possible breeder)	MH
SN009	07/06/2024	10:52	Snipe	1	cutover bog; calling (suitable nesting habitat; possible breeder)	CG
SN010	12/07/2024	09:29	Snipe	1	bogs; chipping, t1 (singing male; possible breeder)	MH
SN011	29/04/2025	12:28	Snipe	1	bogs; flying, calling (suitable nesting habitat; possible breeder)	JD
SN013	18/06/2025	07:13	Snipe	1	cutover bog; singing (singing male; possible breeder)	CG
SN014	18/06/2025	07:28	Snipe	1	cutover bog; singing (singing male; possible breeder)	CG
SN016	07/07/2025	09:42	Snipe	1	cutover bog; singing (singing male; possible breeder)	CG
SN017	07/07/2025	10:09	Snipe	1	cutover bog; singing (singing male; possible breeder)	CG

Table 7 - 4 - 59 Snipe waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	Drumady Lough	09/10/2021	11:18	Snipe	1	lakes and ponds and improved grassland; flushed lake edge	SF

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN002	Drumady Lough	09/10/2021	11:32	Snipe	1	lakes and ponds and improved grassland; flushed lake edge	SF
SN003	Tawny Lough	29/03/2022	08:15	Snipe	1	lakes and ponds and improved grassland; lake edge	SF
SN004	Drumady Lough	29/03/2022	10:30	Snipe	1	lakes and ponds and improved grassland; on lake	SF
SN005	Drumady Lough	03/04/2022	09:20	Snipe	1	lakes and ponds and improved grassland; on lake	SF
SN006	Tawny Lough	30/04/2022	09:45	Snipe	1	lakes and ponds and improved grassland; fly ne	SF
SN007	Cloonsaul	05/10/2022	10:32	Snipe	2	bogs; flying	CG
SN008	Lough Deen	19/10/2022	09:42	Snipe	1	bogs; flushed	CG
SN009	Fahybeg	12/12/2022	10:51	Snipe	1	improved agricultural grassland; flying	CG
SN010	Lough Deen	05/04/2023	14:28	Snipe	1	bogs; flushed	LDV
SN011	Lough Deen	18/04/2023	13:38	Snipe	1	bogs; flushed	LDV
SN012	Tawny Lough	08/09/2023	09:05	Snipe	3	lakes and ponds; flying	SD
SN013	Manulla River	05/12/2023	10:51	Snipe	2	improved agricultural grassland; flushed, flushed from edge of field	SD
SN014	Pollawaddy	20/12/2023	12:24	Snipe	11	lakes and ponds; flushed	SD
SN015	Clare Lough	30/01/2024	10:10	Snipe	1	linear woodland/scrub; travelling	CC
SN016	Kilbride	14/01/2025	10:18	Snipe	1	improved agricultural grassland; travelling	PDC

Table 7 - 4 - 60 Snipe incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	Hen Harrier Roost Survey; HHVP1	09/10/2021	19:30	Snipe	2	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN002	Hen Harrier Roost Survey; HHVP5	10/10/2021	19:24	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN003	Hen Harrier Roost Survey; HHVP6	11/10/2021	19:17	Snipe	2	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN004	Hen Harrier Roost Survey; HHVP3	12/10/2021	18:25	Snipe	1	cutover bog; calling, travelling	PM
SN005	Hen Harrier Roost Survey; HHVP3	12/10/2021	18:27	Snipe	17	cutover bog and improved agricultural grassland; travelling	PM
SN006	Hen Harrier Roost Survey; HHVP3	12/10/2021	18:29	Snipe	1	improved agricultural grassland; travelling	PM
SN007	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:10	Snipe	1	cutover bog; calling in flight	PM

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN008	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:15	Snipe	6	improved agricultural grassland and cutover bog; calling in flight	PM
SN009	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:21	Snipe	2	cutover bog; calling in flight	PM
SN010	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:21	Snipe	1	cutover bog; calling in flight	PM
SN011	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:21	Snipe	1	cutover bog; calling in flight	PM
SN012	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:31	Snipe	2	cutover bog; calling in flight	PM
SN013	Hen Harrier Roost Survey; HHVP3	12/10/2021	19:32	Snipe	1	cutover bog; calling in flight	PM
SN014	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:09	Snipe	1	cutover bog; calling in flight	PM
SN015	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:10	Snipe	1	cutover bog; calling in flight	PM
SN016	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:10	Snipe	4	cutover bog; calling in flight	PM
SN017	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:11	Snipe	4	cutover bog; calling in flight	PM
SN018	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:14	Snipe	1	cutover bog; calling in flight	PM
SN019	Hen Harrier Roost Survey; HHVP4	14/10/2021	19:23	Snipe	2	cutover bog; calling in flight	PM
SN020	Hen Harrier Roost Survey; HHVP2	01/11/2021	17:45	Snipe	2	lowland blanket bog, bog woodland and improved grassland; calling	SF
SN021	Hen Harrier Roost Survey; HHVP6	03/11/2021	17:34	Snipe	3	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN022	Hen Harrier Roost Survey; HHVP1	05/11/2021	17:22	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN023	Hen Harrier Roost Survey; HHVP1	29/11/2021	17:03	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN024	Hen Harrier Roost Survey; HHVP6	01/12/2021	17:03	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN025	Hen Harrier Roost Survey; HHVP6	01/12/2021	17:09	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN026	Hen Harrier Roost Survey; HHVP5	03/12/2021	16:55	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN027	Hen Harrier Roost Survey; HHVP5	03/12/2021	17:10	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN028	Hen Harrier Roost Survey; HHVP6	08/01/2022	15:59	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
SN029	Hen Harrier Roost Survey; HHVP6	08/01/2022	17:18	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN030	Hen Harrier Roost Survey; HHVP6	08/01/2022	17:23	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN031	Hen Harrier Roost Survey; HHVP5	09/01/2022	17:09	Snipe	2	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN032	Hen Harrier Roost Survey; HHVP5	09/01/2022	17:16	Snipe	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
SN033	Hen Harrier Roost Survey ; HHVP6	01/02/2022	17:45	Snipe	1	cutover bog, conifer plantation and bog woodland; flying, calling	SF
SN034	Hen Harrier Roost Survey ; HHVP6	01/02/2022	17:54	Snipe	1	cutover bog, conifer plantation and bog woodland; flying, calling	SF
SN035	Hen Harrier Roost Survey ; HHVP1	02/02/2022	18:07	Snipe	1	cutover bog, conifer plantation and bog woodland; flying, calling	SF
SN036	Hen Harrier Roost Survey; HHVP6	03/03/2022	18:58	Snipe	1	cutover bog, conifer plantation and bog woodland; flying	SF
SN037	Hen Harrier Roost Survey; HHVP1	11/10/2022	07:15	Snipe	1	bogs; calling	CG
SN038	Hen Harrier Roost Survey; HHVP5	12/10/2022	19:21	Snipe	1	bogs; calling	CG
SN039	Hen Harrier Roost Survey; HHVP6	18/10/2022	07:13	Snipe	1	bogs; flying	CG
SN040	Hen Harrier Roost Survey; HHVP1	11/11/2022	08:23	Snipe	1	bogs; flying	CG
SN041	Hen Harrier Roost Survey; HHVP5	23/11/2022	17:15	Snipe	3	bogs; flying	CG
SN042	Hen Harrier Roost Survey; HHVP1	01/02/2023	17:58	Snipe	1	bogs; flying	CG
SN043	Hen Harrier Roost Survey; HHVP5	28/02/2023	17:46	Snipe	1	bogs; flushed	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN044	Hen Harrier Roost Survey; HHVP5	28/02/2023	18:34	Snipe	1	bogs; flying	CG
SN045	Hen Harrier Roost Survey; HHVP1	13/03/2023	19:05	Snipe	2	bogs and improved agricultural grassland; flying	CG
SN047	Hen Harrier Roost Survey; HHVP6	24/03/2023	19:56	Snipe	2	bogs; calling	CG
SN048	Hen Harrier Roost Survey; HHVP5	29/03/2023	20:40	Snipe	1	bogs; calling	CG
SN051	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:50	Snipe	1	cutover bog; travelling	LL
SN052	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:52	Snipe	1	cutover bog; travelling	LL
SN053	Hen Harrier Roost Survey; HHVP6	20/10/2023	18:53	Snipe	1	raised bog; calling	BF
SN054	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:53	Snipe	1	cutover bog; travelling	LL
SN055	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:58	Snipe	2	cutover bog; travelling	LL
SN056	Hen Harrier Roost Survey; hhvp6	03/11/2023	17:44	Snipe	1	bogs; calling	CG
SN057	Hen Harrier Roost Survey; hhvp5	06/11/2023	17:32	Snipe	1	bogs; calling	CG
SN058	Vantage Point Survey; Cunlaghfadda	23/11/2023	07:06	Snipe	2	bogs; flushed, on way to vp	CG
SN059	Hen Harrier Roost Survey; HHVP5	27/02/2024	16:38	Snipe	1	bogs; flushed	LDV
SN060	Hen Harrier Roost Survey; HHVP5	27/02/2024	18:44	Snipe	2	bogs; travelling	LDV
SN061	Hen Harrier Roost Survey; HHVP1	08/03/2024	19:16	Snipe	1	cutover bog; calling, heard not seen	CC
SN065	Hen Harrier Roost Survey; hhvp5	07/10/2024	18:30	Snipe	1	bogs; flying	JG
SN066	Hen Harrier Roost Survey; hhvp6, clogherduff	09/10/2024	17:06	Snipe	3	scrub and cutover bog; flushed	JG
SN067	Hen Harrier Roost Survey; mossbrook	14/11/2024	16:18	Snipe	1	bogs and scrub; travelling	OC
SN068	Hen Harrier Roost Survey; cartron	25/11/2024	17:01	Snipe	1	bogs and scrub; travelling	OC

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN069	Hen Harrier Roost Survey; cartron	25/11/2024	17:10	Snipe	1	scrub and bogs; travelling	OC
SN070	Hen Harrier Roost Survey; clogherduff	26/11/2024	15:57	Snipe	1	scrub and bogs; flushed	OC
SN071	Hen Harrier Roost Survey; clogherduff	26/11/2024	17:02	Snipe	1	scrub and bogs; travelling	OC
SN072	Hen Harrier Roost Survey; HHVP5	16/12/2024	17:20	Snipe	3	cutover bog; commuting	CG
SN073	Hen Harrier Roost Survey; HHVP6	17/12/2024	16:55	Snipe	1	cutover bog; calling	CG
SN074	Hen Harrier Roost Survey; HHVP1	20/01/2025	17:33	Snipe	2	bogs and improved agricultural grassland; commuting	CG
SN075	Hen Harrier Roost Survey; HHVP6	25/02/2025	18:37	Snipe	2	cutover bog and improved agricultural grassland; commuting	CG
SN076	Hen Harrier Roost Survey; HHVP6	25/02/2025	18:40	Snipe	2	cutover bog and improved agricultural grassland; commuting	CG
SN077	Hen Harrier Roost Survey; HHVP6	14/03/2025	06:10	Snipe	1	cutover bog; calling	CG
SN078	Vantage Point Survey; VP1	24/03/2025	09:47	Snipe	1	improved agricultural grassland; flushed, flushed from one field to another behind the vp.	PDC
SN079	Breeding Woodcock Survey; Cunlaghfadda	06/05/2025	21:43	Snipe	1	improved agricultural grassland; flying, flushed from field	LM

1.23 Swift

Table 7 - 4 - 61 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	VP1	08/06/2023	17:38	Swift	1	10	0	0	10	0	bogs and highly modified/non-native woodland; travelling, picked up while observing a kestrel	LDV
SI002	VP2a	20/06/2024	14:06	Swift	1	10	0	10	0	0	improved grassland; travelling, was observed while recording a snipe	LDV
SI003	VP2a	05/07/2024	13:04	Swift	1	12	0	12	0	0	bogs and improved agricultural grassland; hunting	MH

Table 7 - 4 - 62 Swift incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SI001	Hen Harrier Roost Survey; HHVP5	20/10/2023	17:49	Swift	1	cutover bog and improved agricultural grassland; travelling, unusual for a swift to be present this late in the year	LL
SI002	Waterbird Distribution Survey; Mayfield Lough	20/05/2025	07:52	Swift	5	lakes and ponds; feeding, at least 5 hawking insects	PDC
SI003	Waterbird Distribution Survey; Clare Lough	20/05/2025	08:24	Swift	2	lakes and ponds; feeding, hawking insects over lake	PDC

1.24 Woodcock

Table 7 - 4 - 63 Woodcock incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WK001	Hen Harrier Roost Survey; HHVP1	07/01/2022	16:59	Woodcock	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
WK002	Hen Harrier Roost Survey; HHVP1	07/01/2022	17:13	Woodcock	1	lowland blanket bog, bog woodland and improved grassland; flying, calling	SF
WK003	Hen Harrier Roost Survey ; HHVP1	02/02/2022	17:50	Woodcock	1	cutover bog, conifer plantation and bog woodland; flying	SF
WK004	Hen Harrier Roost Survey; HHVP6	03/03/2022	18:49	Woodcock	1	cutover bog, conifer plantation and bog woodland; flying	SF
WK005	Hen Harrier Roost Survey; HHVP6	03/03/2022	18:56	Woodcock	2	cutover bog, conifer plantation and bog woodland; flying	SF
WK006	Hen Harrier Roost Survey; HHVP5	04/03/2022	18:55	Woodcock	1	cutover bog, conifer plantation and bog woodland; flying, cartron	SF
WK007	Hen Harrier Roost Survey; HHVP5	23/11/2022	17:25	Woodcock	2	bogs and conifer plantation; flying	CG
WK008	Hen Harrier Roost Survey; HHVP6	13/12/2022	17:03	Woodcock	2	conifer plantation and bogs; flying, circling	LG
WK009	Hen Harrier Roost Survey; HHVP6	17/12/2024	16:56	Woodcock	1	cutover bog and improved agricultural grassland; commuting	CG
WK010	Vantage Point Survey; VP1	21/01/2025	07:20	Woodcock	1	conifer plantation; flushed	CG
WK011	Hen Harrier Roost Survey; HHVP5	22/01/2025	17:34	Woodcock	1	bogs and conifer plantation; commuting	CG
WK012	Hen Harrier Roost Survey; HHVP5	22/01/2025	17:38	Woodcock	1	bogs and conifer plantation; commuting	CG
WK013	Hen Harrier Roost Survey; HHVP6	23/01/2025	17:35	Woodcock	1	cutover bog; commuting	CG
WK014	Hen Harrier Roost Survey; HHVP5	13/02/2025	18:18	Woodcock	2	conifer plantation and cutover bog; commuting	CG
WK015	Hen Harrier Roost Survey; HHVP6	25/02/2025	18:40	Woodcock	1	cutover bog; commuting	CG

1.25 Buzzard

Table 7 - 4 - 64 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	VP2	01/04/2022	11:03	Buzzard	1	35	0	35	0	0	soaring, flying	SF
BZ002	VP2	28/07/2022	10:15	Buzzard	1	15	0	0	15	0	conifer plantation and bogs; soaring, picked up in distance and lost against bright sky	CG
BZ003	VP2	28/07/2022	11:43	Buzzard	1	124	0	0	124	0	bogs and conifer plantation; soaring	CG
BZ004	VP2	28/07/2022	12:19	Buzzard	1	200	0	0	0	200	improved agricultural grassland and conifer plantation; soaring	CG
BZ005	VP2	28/07/2022	12:25	Buzzard	1	90	0	0	0	90	improved agricultural grassland and conifer plantation; soaring	CG
BZ006	VP1	16/08/2022	09:50	Buzzard	1	184	0	0	184	0	bogs, conifer plantation and improved agricultural grassland; soaring, mobbed, attacked by raven	CG
BZ007	VP2	17/08/2022	12:14	Buzzard	1	65	0	0	20	45	improved agricultural grassland, bogs and conifer plantation; soaring, soaring very high, lost in clouds	CG
BZ008	VP1	16/09/2022	15:33	Buzzard	1	356	0	0	156	200	improved agricultural grassland and bogs; soaring	CG
BZ009	VP1	16/09/2022	15:46	Buzzard	3	83	0	0	83	0	improved agricultural grassland and conifer plantation; soaring	CG
BZ010	VP1	16/09/2022	15:54	Buzzard	2	251	0	0	94	0	improved agricultural grassland; soaring	CG
BZ012	VP1	12/05/2023	17:08	Buzzard	1	186	0	0	140	46	improved agricultural grassland and bogs; soaring	CG
BZ014	VP2	28/08/2023	11:52	Buzzard	1	296	0	0	296	0	improved agricultural grassland; soaring	PDC
BZ015	VP2	25/09/2023	08:45	Buzzard	2	380	0	0	380	0	improved grassland; travelling	PDC
BZ016	VP2	05/10/2023	18:24	Buzzard	1	87	27	10	50	0	improved agricultural grassland and bogs; flying	CG
BZ017	VP1	11/10/2023	15:23	Buzzard	1	270	5	5	70	190	improved agricultural grassland, bogs and conifer plantation; soaring, mobbed, attacked by corvids	CG
BZ018	VP2	19/02/2024	12:21	Buzzard	2	83	50	23	0	0	bogs and scrub/transitional woodland; travelling	LDV
BZ019	VP2	19/02/2024	12:22	Buzzard	1	-	-	-	-	-	scrub/transitional woodland; perched	LDV
BZ020	VP2	19/02/2024	12:22	Buzzard	1	-	-	-	-	-	scrub/transitional woodland; perched	LDV

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ021	VP2	19/02/2024	12:23	Buzzard	1	81	0	50	31	0	bogs and improved grassland; travelling	LDV
BZ022	VP2	19/02/2024	12:24	Buzzard	1	81	0	20	61	0	bogs and scrub/transitional woodland; travelling	LDV
BZ023	VP2	19/02/2024	13:28	Buzzard	2	662	0	0	462	200	bogs; soaring	LDV
BZ024	VP2	19/02/2024	13:30	Buzzard	1	86	0	40	46	0	scrub/transitional woodland; travelling	LDV
BZ025	VP2	19/02/2024	13:42	Buzzard	2	244	0	50	194	0	improved grassland; soaring	LDV
BZ026	VP2	19/02/2024	14:08	Buzzard	2	702	0	0	600	102	improved grassland and bogs; soaring	LDV
BZ027	VP2	19/02/2024	14:36	Buzzard	1	89	40	30	19	0	bogs; hunting	LDV
BZ028	VP2	19/02/2024	15:11	Buzzard	1	-	-	-	-	-	scrub/transitional woodland; perched	LDV
BZ029	VP2	19/02/2024	17:00	Buzzard	1	74	0	74	0	0	bogs and scrub/transitional woodland; travelling, mobbed, mobbed by pair of kestrels	LDV
BZ030	VP1	09/03/2024	11:35	Buzzard	1	15	0	15	0	0	improved agricultural grassland and treelines; circling , eventually lost sight of it	POG
BZ031	VP2a	20/06/2024	14:58	Buzzard	1	124	0	24	100	0	improved grassland and scrub/transitional woodland; hunting, soaring	LDV
BZ032	VP2a	08/08/2024	10:30	Buzzard	1	28	28	0	0	0	bogs; travelling	MH
BZ033	VP2a	08/08/2024	15:49	Buzzard	1	41	0	41	0	0	bogs and improved agricultural grassland; travelling	MH
BZ034	VP1	02/09/2024	11:48	Buzzard	1	64	0	0	64	0	improved agricultural grassland; soaring, mobbed, mobbed by 2 corvids	PDC
BZ035	VP1	02/10/2024	15:33	Buzzard	2	420	0	0	420	0	improved agricultural grassland; soaring	JG
BZ036	VP2a	15/11/2024	12:08	Buzzard	1	19	19	0	0	0	bogs and scrub; travelling, perched	OC
BZ037	VP1	20/11/2024	12:48	Buzzard	1	120	0	0	120	0	scrub; soaring, bombed by hooded crows	NS
BZ038	VP2a	28/11/2024	13:11	Buzzard	1	73	0	0	73	0	improved agricultural grassland; travelling	OC
BZ039	VP2	20/03/2025	11:38	Buzzard	1	166	0	0	166	0	conifer plantation and improved agricultural grassland; soaring	PDC
BZ040	VP1	24/03/2025	10:14	Buzzard	1	31	7	24	0	0	improved agricultural grassland and bogs; travelling, seemed to drop onto the ground behind a stone wall.	PDC
BZ041	VP1	24/03/2025	10:15	Buzzard	1	202	0	202	0	0	improved agricultural grassland and bogs; travelling, mobbed, mobbed by 2 lesser black-backed gulls. lost behind the treeline.	PDC

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ042	VP1	24/03/2025	10:48	Buzzard	1	497	15	193	289	0	improved agricultural grassland and bogs; travelling, soaring	PDC
BZ043	VP1	24/03/2025	10:50	Buzzard	1	226	0	75	151	0	bogs and improved agricultural grassland; travelling, soaring, came up whilst i was watching the previous buzzard. there was no interaction between the two birds.	PDC
BZ044	VP1	24/03/2025	11:59	Buzzard	1	221	0	0	221	0	improved agricultural grassland; soaring, travelling	PDC
BZ045	VP2a	19/05/2025	05:29	Buzzard	1	29	29	0	0	0	linear woodland/scrub and improved agricultural grassland; travelling, moved between trees	PDC
BZ046	VP2a	04/07/2025	11:52	Buzzard	1	45	25	20	0	0	improved agricultural grassland and cutover bog; hunting	CG
BZ047	VP1	25/08/2025	16:13	Buzzard	1	4	0	0	4	0	conifer plantation; flying, likely the same buzzard	LM
BZ048	VP1	25/08/2025	16:13	Buzzard	1	6	3	3	0	0	conifer plantation and improved grassland; flying, likely the same buzzard	LM
BZ049	VP2a	28/08/2025	16:45	Buzzard	1	163	0	0	102	61	mixed broadleaved/conifer woodland and bogs; hunting, flying, mobbed by swallows	LM

Table 7 - 4 - 65 Buzzard winter walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
BZ001	01/03/2022	14:52		Buzzard	1	linear woodland/scrub and improved grassland; perched, perched in tree	PDC
BZ002	01/03/2022	14:53		Buzzard	2	improved grassland and bogs; travelling, circling over farmland and bog	PDC
BZ003	01/03/2022	14:54		Buzzard	1	improved grassland; travelling	PDC
BZ004	10/11/2023	08:27		Buzzard	1	improved agricultural grassland; hunting	CC
BZ005	11/10/2024	11:24		Buzzard	3	conifer plantation; soaring	OC
BZ006	11/10/2024	12:11		Buzzard	1	bogs and improved agricultural grassland; soaring, mobbed by raven	OC
BZ007	11/10/2024	12:12		Buzzard	1	wet grassland; travelling	OC

Table 7 - 4 - 66 Buzzard breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	29/06/2022	14:33	Buzzard	1	semi-natural woodland; soaring (suitable nesting habitat; possible breeder)	PJ

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ002	14/04/2023	09:22	Buzzard	1	improved agricultural grassland; calling, not seen (suitable nesting habitat; possible breeder)	CG
BZ003	18/05/2023	10:08	Buzzard	1	improved agricultural grassland, bogs and bog woodland; flying (suitable nesting habitat; possible breeder)	CG
BZ004	29/04/2025	10:35	Buzzard	1	scrub/transitional woodland, improved agricultural grassland and bogs; soaring (flyover; non-breeding)	JD
BZ005	29/04/2025	11:03	Buzzard	2	scrub/transitional woodland and improved agricultural grassland; soaring (pair; probable breeding)	JD
BZ006	29/04/2025	12:05	Buzzard	1	scrub/transitional woodland and bogs; perched, flying (flyover; non-breeding)	JD
BZ007	29/04/2025	12:31	Buzzard	2	conifer plantation, scrub/transitional woodland and bogs; soaring, appeared to be male and female (pair; probable breeding)	JD
BZ008	29/04/2025	14:23	Buzzard	4	conifer plantation, scrub/transitional woodland and improved agricultural grassland; soaring, calling, appeared to be two pairs (pair; probable breeding)	JD
BZ009	01/05/2025	13:00	Buzzard	2	improved agricultural grassland; soaring, calling (suitable nesting habitat; possible breeder)	CG

Table 7 - 4 - 67 Buzzard breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ001	BR1	10/06/2022	13:14	Buzzard	1	semi-natural woodland and dense bracken, hovering, travelling, mobbed	suitable nesting habitat; possible breeder	PJ
BZ002	BR1	10/06/2022	13:25	Buzzard	1	semi-natural grassland and semi-natural woodland, gliding, perched, gliding into noticeably highest tree by some 15ft	suitable nesting habitat; possible breeder	PJ
BZ003	BR1	10/06/2022	13:33	Buzzard	1	semi-natural grassland and semi-natural woodland, hovering, diving, hovering and dived behind treeline out of sight. possibly a pair judging by time and distance between sightings and high tree possible nest location	suitable nesting habitat; possible breeder	PJ
BZ004	BR1	10/06/2022	13:47	Buzzard	1	semi-natural grassland and semi-natural woodland, flying along hunting like a big kestrel	suitable nesting habitat; possible breeder	PJ
BZ005	BR1	10/06/2022	14:08	Buzzard	2	semi-natural grassland and semi-natural woodland, definitely two, in sight at same time	suitable nesting habitat; possible breeder	PJ
BZ006	BR1	10/06/2022	14:15	Buzzard	1	semi-natural grassland, dense bracken and semi-natural woodland, hunting	suitable nesting habitat; possible breeder	PJ
BZ007	BR1	10/06/2022	14:43	Buzzard	1	semi-natural grassland, semi-natural woodland and semi-natural grassland, travelling, hunting	suitable nesting habitat; possible breeder	PJ
BZ008	BR1	19/07/2022	09:40	Buzzard	1	improved agricultural grassland and mixed broadleaved woodland, flying	flyover; non-breeding	JS
BZ009	BR3	19/07/2022	14:00	Buzzard	1	bogs and conifer plantation, flying	flyover; non-breeding	CC
BZ010	BR6	20/07/2022	13:56	Buzzard	1	conifer plantation, flying, soaring	flyover; non-breeding	CC
BZ017	BR3	26/07/2022	13:35	Buzzard	1	woodland and scrub and grassland and marsh, soaring	flyover; non-breeding	CC

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ018	BR1	04/04/2023	10:00	Buzzard	1	dry calcareous and neutral grassland, soaring	flyover; non-breeding	SD
BZ019	BR1	04/04/2023	10:55	Buzzard	1	improved grassland, soaring	flyover; non-breeding	SD
BZ020	BR2	04/04/2023	14:22	Buzzard	2	conifer plantation, soaring, pair soaring together	pair; probable breeding	SD
BZ021	BR5	20/04/2023	12:05	Buzzard	1	conifer plantation and bogs, soaring	suitable nesting habitat; possible breeder	SD
BZ022	BR6	25/04/2023	10:17	Buzzard	1	conifer plantation and bogs, soaring	suitable nesting habitat; possible breeder	SD
BZ023	BR1	03/05/2023	11:25	Buzzard	2	cutover bog, circling continuously high above in the sky	pair; probable breeding	POG
BZ024	BR1	03/05/2023	11:35	Buzzard	1	cutover bog and treelines, landed in spruce trees	suitable nesting habitat; possible breeder	POG
BZ025	BR3	01/06/2023	12:27	Buzzard	2	improved grassland and conifer plantation, travelling, calling, perched, was calling, one was perched on a tree and followed the other one	pair; probable breeding	LDV
BZ026	BR3	01/06/2023	12:38	Buzzard	1	improved grassland and conifer plantation, hunting, hovering, perched, was hoovering, lost it when perched behind a tree	suitable nesting habitat; possible breeder	LDV
BZ027	BR3	01/06/2023	12:49	Buzzard	1	improved grassland, travelling	suitable nesting habitat; possible breeder	LDV
BZ028	BR1	27/06/2023	08:12	Buzzard	1	improved grassland and linear woodland/scrub, perched, flushed	suitable nesting habitat; possible breeder	LDV
BZ031	BR2	27/06/2023	13:24	Buzzard	1	improved grassland and conifer plantation, hunting	suitable nesting habitat; possible breeder	LDV
BZ032	BR2	27/06/2023	13:43	Buzzard	1	improved grassland, hunting	suitable nesting habitat; possible breeder	LDV
BZ033	BR1	06/06/2024	10:08	Buzzard	1	bogs and improved agricultural grassland, soaring	suitable nesting habitat; possible breeder	MH
BZ034	BR1	06/06/2024	11:51	Buzzard	1	bogs and improved agricultural grassland, soaring	suitable nesting habitat; possible breeder	MH
BZ035	BR1	06/06/2024	12:50	Buzzard	1	bogs and improved agricultural grassland, soaring	suitable nesting habitat; possible breeder	MH
BZ039	BR4	17/07/2024	16:33	Buzzard	1	improved agricultural grassland, travelling	suitable nesting habitat; possible breeder	MH
BZ040	BR5	31/07/2024	09:55	Buzzard	1	bogs and improved grassland, soaring	suitable nesting habitat; possible breeder	LDV
BZ041	BR7	28/05/2025	13:01	Buzzard	1	hedgerows and semi-natural grassland, hunting, mobbed, chased off by hooded crows	suitable nesting habitat; possible breeder	NL
BZ042	BR7	18/06/2025	14:12	Buzzard	2	improved agricultural grassland and hedgerows, soaring, at distance	suitable nesting habitat; possible breeder	NL
BZ043	BR7	18/06/2025	14:41	Buzzard	1	improved agricultural grassland, soaring	flyover; non-breeding	NL
BZ044	BR2	19/06/2025	08:40	Buzzard	1	semi-natural grassland and conifer plantation, perched, flying	suitable nesting habitat; possible breeder	NL
BZ045	BR2	19/06/2025	11:05	Buzzard	2	improved agricultural grassland, hunting over freshly cut fields	flyover; non-breeding	NL

Table 7 - 4 - 68 Buzzard incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	Hen Harrier Roost Survey; HHVP5	10/10/2021	17:14	Buzzard	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
BZ002	Hen Harrier Roost Survey; HHVP1	05/11/2021	15:31	Buzzard	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
BZ003	Waterbird Distribution Survey; Freeheen	29/11/2021	12:18	Buzzard	1	lakes and ponds and improved grassland; flying	SF
BZ004	Waterbird Distribution Survey; Meander river	18/08/2022	08:44	Buzzard	1	eroding/upland rivers and wet grassland; flying	CG
BZ005	Waterbird Distribution Survey; VP1	09/09/2022	12:10	Buzzard	1	wet grassland and bogs; hunting, perching, flying and perching along telephone poles. hovering and circling also observed while the bird was in flight	CG
BZ006	Waterbird Distribution Survey; Rathduff	26/09/2022	09:38	Buzzard	1	improved agricultural grassland; flying	CG
BZ007	Waterbird Distribution Survey; Cloonboy	26/09/2022	09:55	Buzzard	1	wet grassland; flying	CG
BZ008	Waterbird Distribution Survey; Ballymackeogh	05/10/2022	12:05	Buzzard	1	improved agricultural grassland; flying, mobbed, attacked by corvids	CG
BZ009	Hen Harrier Roost Survey; HHVP1	11/11/2022	09:24	Buzzard	1	improved agricultural grassland and bogs; flying	CG
BZ010	Hen Harrier Roost Survey; HHVP1	04/01/2023	09:33	Buzzard	1	improved agricultural grassland and bogs; flying	CG
BZ011	Hen Harrier Roost Survey; HHVP6	13/02/2023	07:21	Buzzard	1	bog woodland and bogs; calling	CG
BZ012	Hen Harrier Roost Survey; HHVP1	13/03/2023	18:06	Buzzard	1	improved agricultural grassland; perched, flying	CG
BZ013	Waterbird Distribution Survey; Creggaum	18/04/2023	12:32	Buzzard	2	improved grassland; travelling	LDV
BZ014	Vantage Point Survey; VP1	01/09/2023	10:51	Buzzard	2	semi-natural woodland; hovering, calling	LDV
BZ015	Vantage Point Survey; VP1	01/09/2023	11:39	Buzzard	3	improved grassland; hovering, calling, maybe playing or defending territories as they seemed to attack each other twice in 5min	LDV
BZ016	Waterbird Distribution Survey; Clogher beg	20/10/2023	13:34	Buzzard	1	hedgerows and improved agricultural grassland; travelling	CC
BZ017	Hen Harrier Roost Survey; HHVP5	20/10/2023	18:10	Buzzard	1	improved agricultural grassland and conifer plantation; travelling, mobbed, attacked by group of hooded crows	LL
BZ018	Vantage Point Survey; VP2a	19/02/2024	13:11	Buzzard	3	improved grassland; soaring	LDV
BZ019	Hen Harrier Roost Survey; HHVP6	28/02/2024	08:26	Buzzard	2	bogs and conifer plantation; travelling, perched, both when to perched 20m apart	LDV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ020	Waterbird Distribution Survey; Freeheen	20/03/2024	09:30	Buzzard	1	improved agricultural grassland and turloughs; travelling	CC
BZ021	Hen Harrier Roost Survey; mossbrook	14/11/2024	16:16	Buzzard	1	scrub and improved agricultural grassland; travelling	OC
BZ022	Waterbird Distribution Survey; Kilbride	04/12/2024	08:44	Buzzard	1	improved agricultural grassland; flying	NL
BZ023	Hen Harrier Roost Survey; HHVP1	11/12/2024	15:20	Buzzard	1	bogs; flying	NS
BZ024	Waterbird Distribution Survey; Drumady	17/12/2024	11:18	Buzzard	1	improved agricultural grassland; flushed, from telegraph pole	NL
BZ025	Vantage Point Survey; VP1	17/04/2025	17:12	Buzzard	2	improved agricultural grassland; soaring, behind viewshed	CG
BZ026	Waterbird Distribution Survey; BR1	13/08/2025	11:06	Buzzard	1	semi-natural grassland; mobbed, by hooded crows	NL
BZ027	Waterbird Distribution Survey; Ballynacarrick	02/09/2025	11:57	Buzzard	2	scrub/transitional woodland and improved agricultural grassland; flying, calling	JD

1.26 Sparrowhawk

Table 7 - 4 - 69 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	VP2	12/10/2021	12:16	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SH002	VP2	02/11/2021	12:08	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; flying, mobbed, female, attacked by hooded crow	SF
SH003	VP2	02/11/2021	14:27	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SH004	VP1	30/12/2021	09:38	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SH005	VP2	07/01/2022	15:15	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; flying	SF
SH006	VP1	31/01/2022	17:17	Sparrowhawk	1	35	35	0	0	0	bogs and improved grassland; perched, flying	SF
SH007	VP2	28/07/2022	07:59	Sparrowhawk	1	10	10	0	0	0	bogs; hunting, male, flew in close to ground, took a meadow pipit from along a stack of turf.	CG
SH009	VP2	28/07/2022	08:18	Sparrowhawk	1	15	15	0	0	0	bogs; flying, female	CG
SH010	VP2	28/07/2022	10:22	Sparrowhawk	1	35	35	0	0	0	bogs; hunting, perched, female, flew in low, attacked a sand martin. perched for 15 mins on a peat bank before flying into a hedge	CG
SH011	VP1	16/08/2022	09:57	Sparrowhawk	1	15	15	0	0	0	improved agricultural grassland; hunting, female	CG
SH012	VP2	14/09/2022	18:04	Sparrowhawk	1	12	12	0	0	0	bogs and improved agricultural grassland; hunting, perched, female, flew in low to the ground and landed into a bush	CG
SH013	VP2	13/10/2022	11:29	Sparrowhawk	1	18	18	0	0	0	bogs; flying, perched, female. flying low to the ground, stopped and perched twice	CG
SH014	VP1	27/10/2022	09:20	Sparrowhawk	1	13	7	6	0	0	improved agricultural grassland and conifer plantation; flying, female	CG
SH015	VP2	21/12/2022	12:22	Sparrowhawk	1	17	17	0	0	0	bogs; hunting	CG
SH016	VP2	17/01/2023	11:10	Sparrowhawk	1	540	540	0	0	0	raised bog; hunting, adult female hunting finches	MH
SH017	VP2	15/03/2023	18:42	Sparrowhawk	1	48	40	8	0	0	improved agricultural grassland and bogs; flying	CG
SH019	VP2	16/05/2023	20:40	Sparrowhawk	1	24	24	0	0	0	bogs and wet grassland; flying, female	CG

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SH020	VP1	10/08/2023	09:51	Sparrowhawk	1	14	8	6	0	0	improved grassland and linear woodland/scrub; travelling	LDV
SH021	VP2	28/08/2023	08:42	Sparrowhawk	1	15	15	0	0	0	cutover bog; travelling	PDC
SH022	VP2	28/08/2023	12:29	Sparrowhawk	1	23	6	17	0	0	highly modified/non-native woodland; travelling, female from size	PDC
SH023	VP2	25/09/2023	09:34	Sparrowhawk	1	17	17	0	0	0	bogs; hunting	PDC
SH024	VP2	05/10/2023	16:53	Sparrowhawk	1	66	0	16	50	0	bogs and improved agricultural grassland; flying	CG
SH025	VP2	05/10/2023	17:39	Sparrowhawk	1	80	0	10	70	0	bogs and improved agricultural grassland; flying	CG
SH026	VP2	24/11/2023	12:34	Sparrowhawk	1	20	20	0	0	0	bogs; flying	CG
SH027	VP2	24/11/2023	12:41	Sparrowhawk	1	13	13	0	0	0	bogs and wet grassland; flying	CG
SH028	VP2	19/02/2024	14:14	Sparrowhawk	1	11	11	0	0	0	bogs and scrub/transitional woodland; travelling	LDV
SH029	VP2	19/02/2024	14:45	Sparrowhawk	1	37	0	0	37	0	bogs; travelling	LDV
SH030	VP1	02/09/2024	09:13	Sparrowhawk	1	33	33	0	0	0	improved agricultural grassland and hedgerows; travelling, male from size. perched briefly in hedgerow then carried on towards main site.	PDC
SH031	VP2a	24/09/2024	10:56	Sparrowhawk	1	20	20	0	0	0	wet grassland and cutover bog; commuting	CG
SH032	VP1	02/10/2024	14:26	Sparrowhawk	1	10	10	0	0	0	improved agricultural grassland and hedgerows; hunting	JG
SH033	VP2a	15/11/2024	10:53	Sparrowhawk	1	26	26	0	0	0	bogs and hedgerows; travelling, perched	OC
SH034	VP2a	28/11/2024	14:47	Sparrowhawk	1	14	14	0	0	0	wet grassland and scrub; travelling	OC
SH035	VP2a	28/11/2024	14:56	Sparrowhawk	1	24	24	0	0	0	bogs and scrub; travelling	OC
SH036	VP1	11/02/2025	16:57	Sparrowhawk	1	57	37	20	0	0	improved agricultural grassland and conifer plantation; commuting, female	CG
SH037	VP1	12/09/2025	11:11	Sparrowhawk	1	30	30	0	0	0	improved agricultural grassland; flying, female	JG
SH038	VP2a	17/09/2025	10:06	Sparrowhawk	1	10	10	0	0	0	improved agricultural grassland and cutover bog; travelling, lost behind hill.	SD
SH039	VP2a	17/09/2025	11:15	Sparrowhawk	1	50	50	0	0	0	improved agricultural grassland and cutover bog; hunting	SD

Table 7 - 4 - 70 Sparrowhawk winter walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	16/11/2023	13:49	Sparrowhawk	1	improved agricultural grassland and hedgerows; hunting	CC
SH002	26/11/2024	11:20	Sparrowhawk	1	hedgerows and scrub; travelling	OC
SH003	26/11/2024	11:39	Sparrowhawk	1	bogs and scrub; travelling	OC
SH004	26/11/2024	12:59	Sparrowhawk	1	bogs and scrub; soaring, travelling, female	OC
SH005	31/01/2025	00:00	Sparrowhawk	1	improved agricultural grassland; travelling, male	OC
SH006	18/03/2025	10:19	Sparrowhawk	1	improved agricultural grassland; travelling	PDC

Table 7 - 4 - 71 Sparrowhawk breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
SH001	01/05/2025	13:27		Sparrowhawk	1	scrub and cutover bog; hunting, male (suitable nesting habitat; possible breeder)	CG

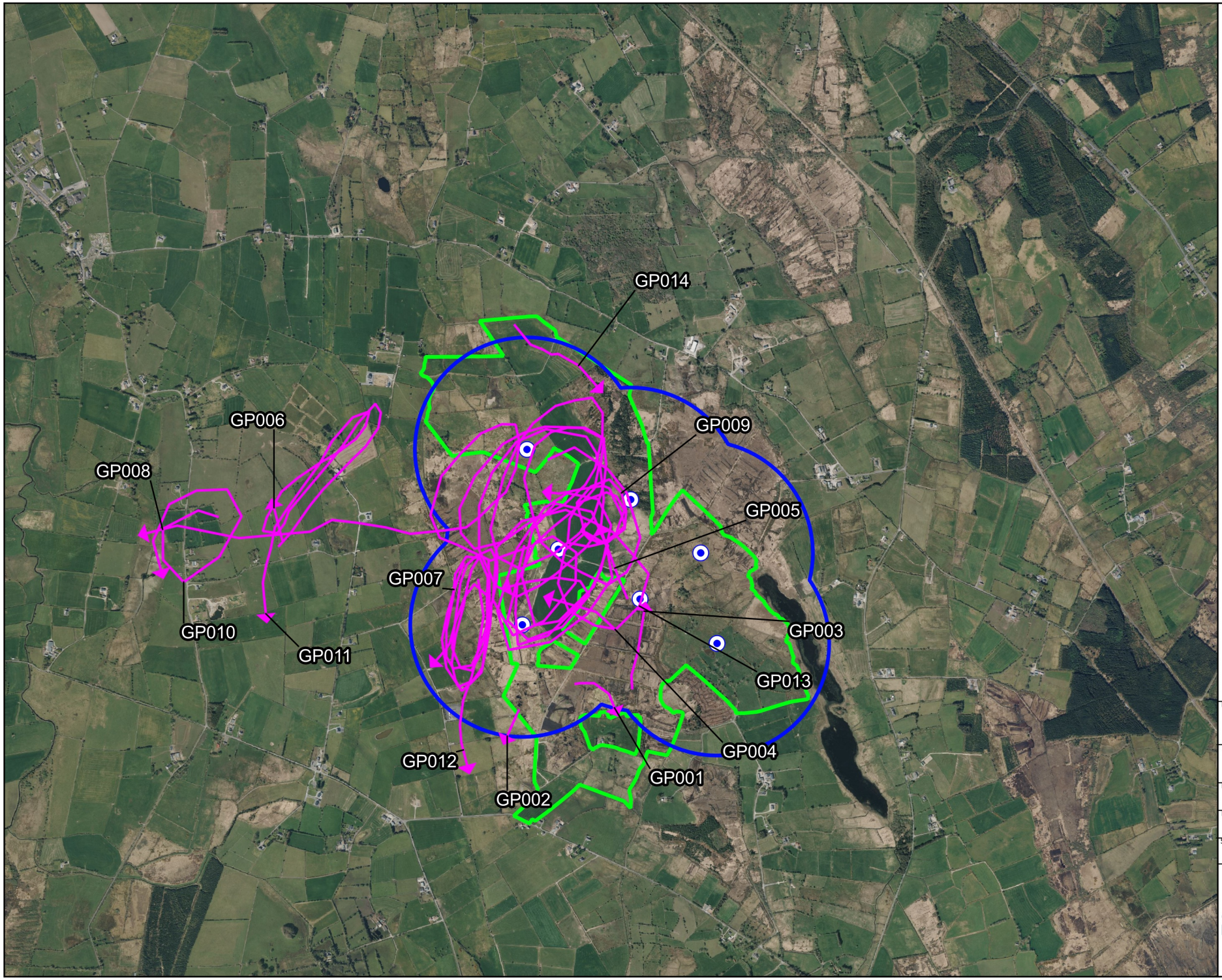
Table 7 - 4 - 72 Sparrowhawk breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH001	BR2	26/07/2022	12:54	Sparrowhawk	1	improved agricultural grassland and mixed broadleaved woodland, travelling	suitable nesting habitat; possible breeder	KG
SH002	BR2	26/07/2022	15:06	Sparrowhawk	1	conifer plantation, mixed broadleaved woodland and improved agricultural grassland, travelling	suitable nesting habitat; possible breeder	KG
SH003	BR1	04/04/2023	10:13	Sparrowhawk	1	bogs, semi-natural grassland and conifer plantation, flying	flyover; non-breeding	SD
SH004	BR4	28/06/2023	11:15	Sparrowhawk	1	improved grassland and conifer plantation, travelling	suitable nesting habitat; possible breeder	LDV
SH005	BR2	31/07/2024	13:41	Sparrowhawk	1	semi-natural woodland, travelling	suitable nesting habitat; possible breeder	LDV
SH006	BR2	31/07/2024	13:50	Sparrowhawk	1	semi-natural woodland, travelling	suitable nesting habitat; possible breeder	LDV
SH007	BR6	01/07/2025	08:53	Sparrowhawk	1	conifer plantation, soaring, came up from forestry, gained height before lost sight of	suitable nesting habitat; possible breeder	NL

Table 7 - 4 - 73 Sparrowhawk incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	Hen Harrier Roost Survey; HHVP1	09/10/2021	17:45	Sparrowhawk	1	lowland blanket bog, bog woodland and improved grassland; hunting, flying	SF

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH002	Hen Harrier Roost Survey; HHVP1	05/11/2021	15:16	Sparrowhawk	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
SH003	Hen Harrier Roost Survey; HHVP1	29/11/2021	16:56	Sparrowhawk	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
SH004	Hen Harrier Roost Survey; HHVP6	01/12/2021	16:37	Sparrowhawk	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
SH005	Hen Harrier Roost Survey; HHVP6	08/01/2022	16:04	Sparrowhawk	1	lowland blanket bog, bog woodland and improved grassland; flying	SF
SH006	Hen Harrier Roost Survey ; HHVP6	01/02/2022	17:00	Sparrowhawk	1	cutover bog, conifer plantation and bog woodland; flying, hunting	SF
SH007	Waterbird Distribution Survey; Cunlaghfadda	03/08/2022	12:53	Sparrowhawk	1	bogs and wet grassland; hunting, female	CG
SH008	Waterbird Distribution Survey; Cunlaghfadda	26/09/2022	11:11	Sparrowhawk	1	bogs; flying	CG
SH009	Waterbird Distribution Survey; Drumady Lough	19/10/2022	11:53	Sparrowhawk	1	wet grassland and turloughs; flying	CG
SH010	Hen Harrier Roost Survey; HHVP1	11/11/2022	08:11	Sparrowhawk	1	bogs; hunting	CG
SH011	Hen Harrier Roost Survey; HHVP1	13/03/2023	18:16	Sparrowhawk	1	improved agricultural grassland and bogs; flying	CG
SH012	Hen Harrier Roost Survey; HHVP1	02/11/2023	16:22	Sparrowhawk	1	bogs; travelling, only seen briefly	CC
SH013	Hen Harrier Roost Survey; HHVP5	14/12/2023	15:58	Sparrowhawk	1	conifer plantation and bogs; hunting	FOD
SH014	Hen Harrier Roost Survey; HHVP6	12/03/2024	17:52	Sparrowhawk	1	bogs, scrub/transitional woodland and improved grassland; travelling	LDV
SH015	Hen Harrier Roost Survey; mossbrook, hhvp1	01/10/2024	19:18	Sparrowhawk	1	cutover bog and improved agricultural grassland; flying, hunting, female	JG
SH016	Hen Harrier Roost Survey; clogherduff	26/11/2024	15:55	Sparrowhawk	1	conifer plantation, scrub and bogs; travelling, female, mobbed by hooded crow	OC
SH017	Hen Harrier Roost Survey; Cartron	21/03/2025	08:03	Sparrowhawk	1	conifer plantation and bogs; travelling, circling	PDC
SH018	Vantage Point Survey; VP2a	17/09/2025	12:37	Sparrowhawk	1	improved agricultural grassland; travelling	SD



Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Golden Plover Observations

Project Title
Cunlaghfadda
Green Energy Project

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NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 1
Scale	Date
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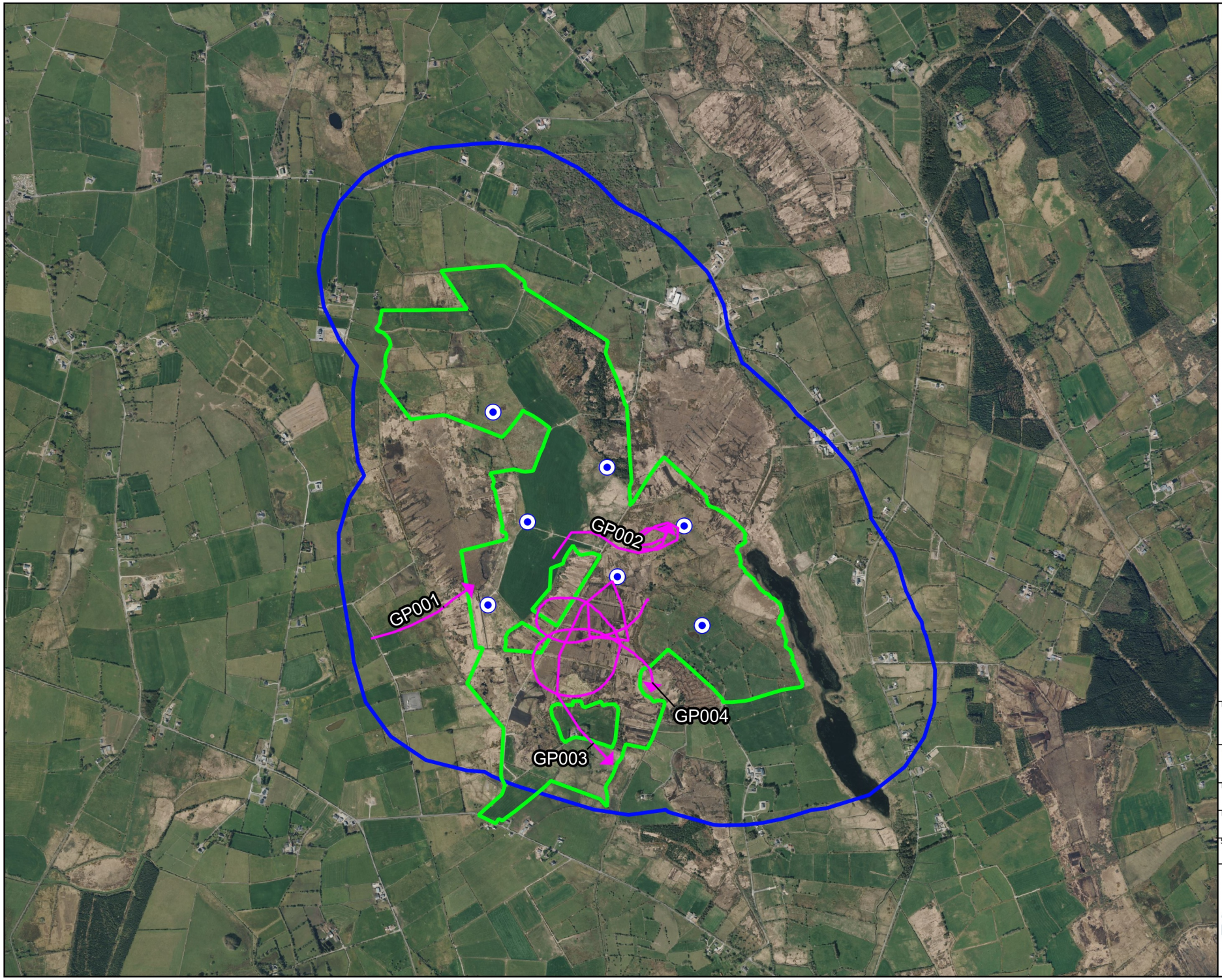

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Golden Plover Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
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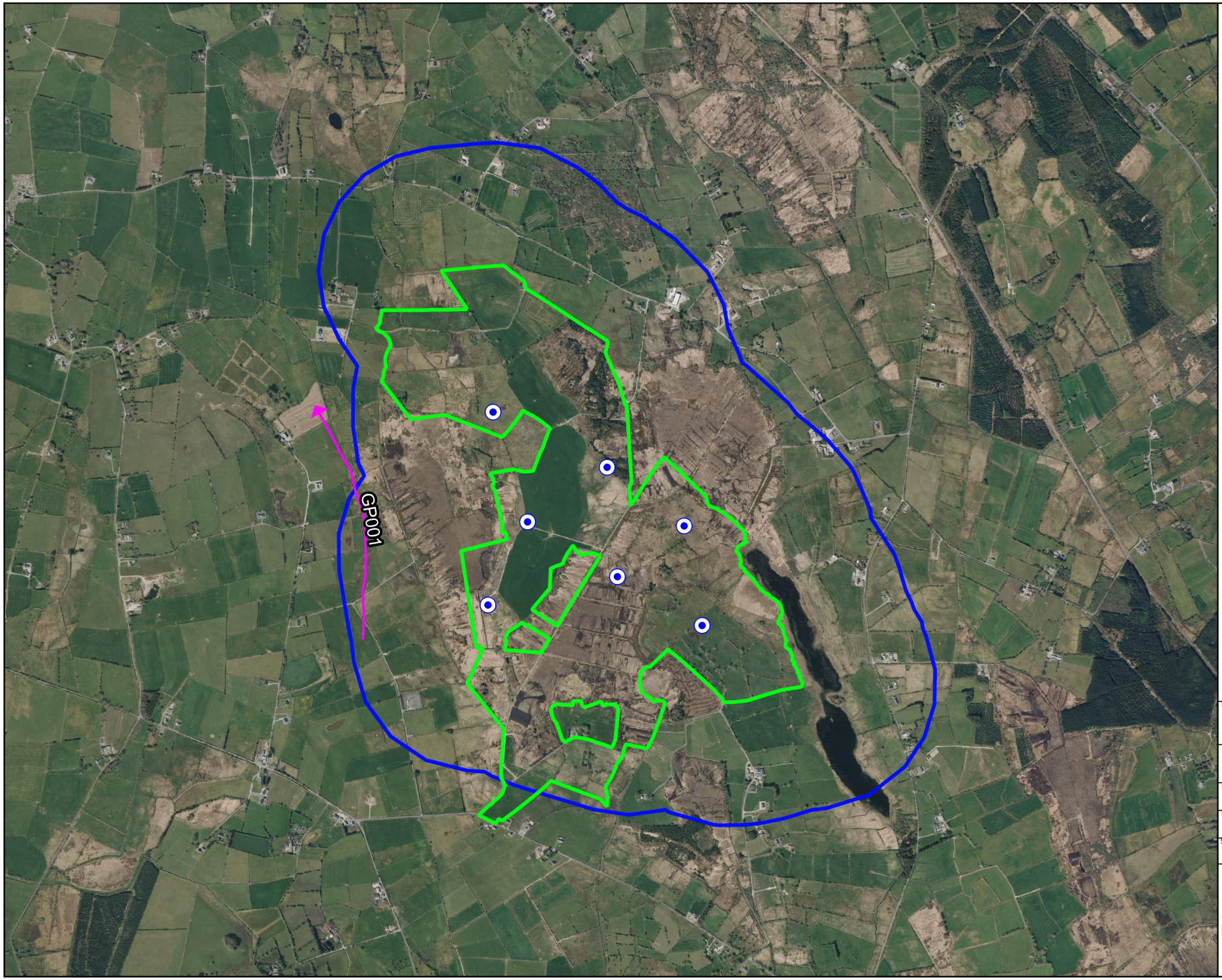

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Golden Plover Observations

Project Title
Cunlaghfadda
Green Energy Project

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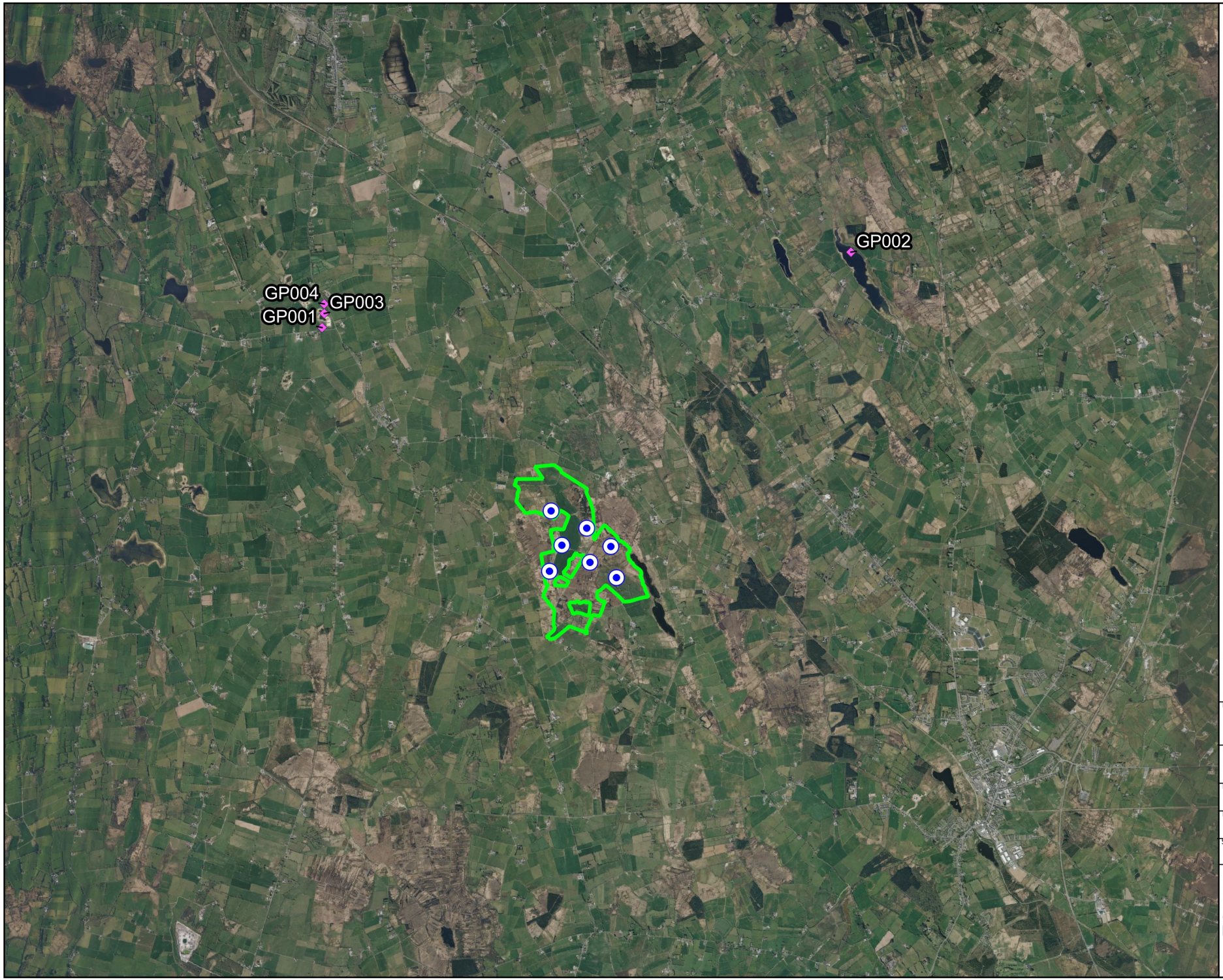

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Golden Plover Observations

Project Title

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Green Energy Project

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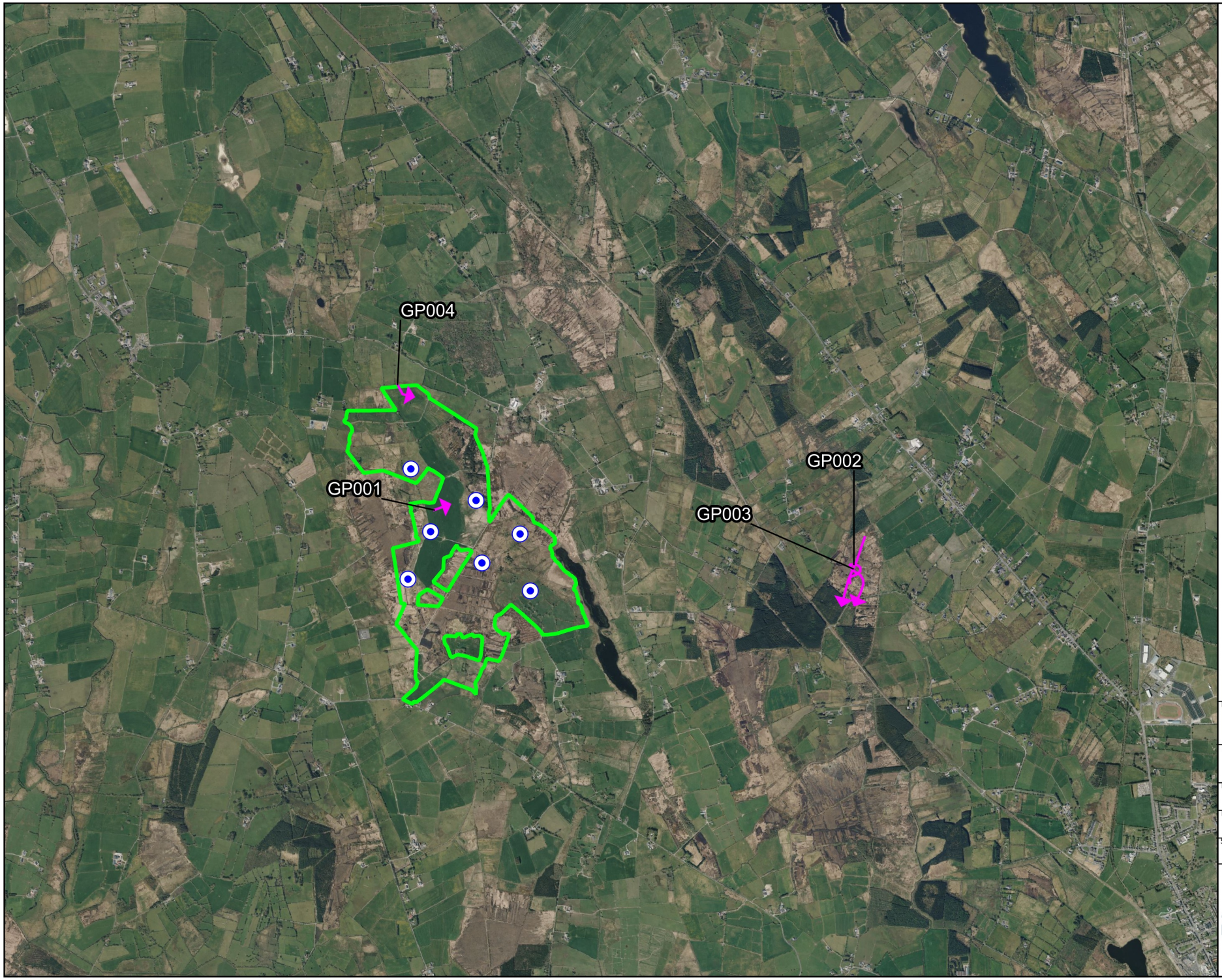

Map Legend

EIAR Site Boundary

Proposed Turbines

Flight Observation

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Drawing Title

Incidental Records
Golden Plover Observations

Project Title

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Green Energy Project

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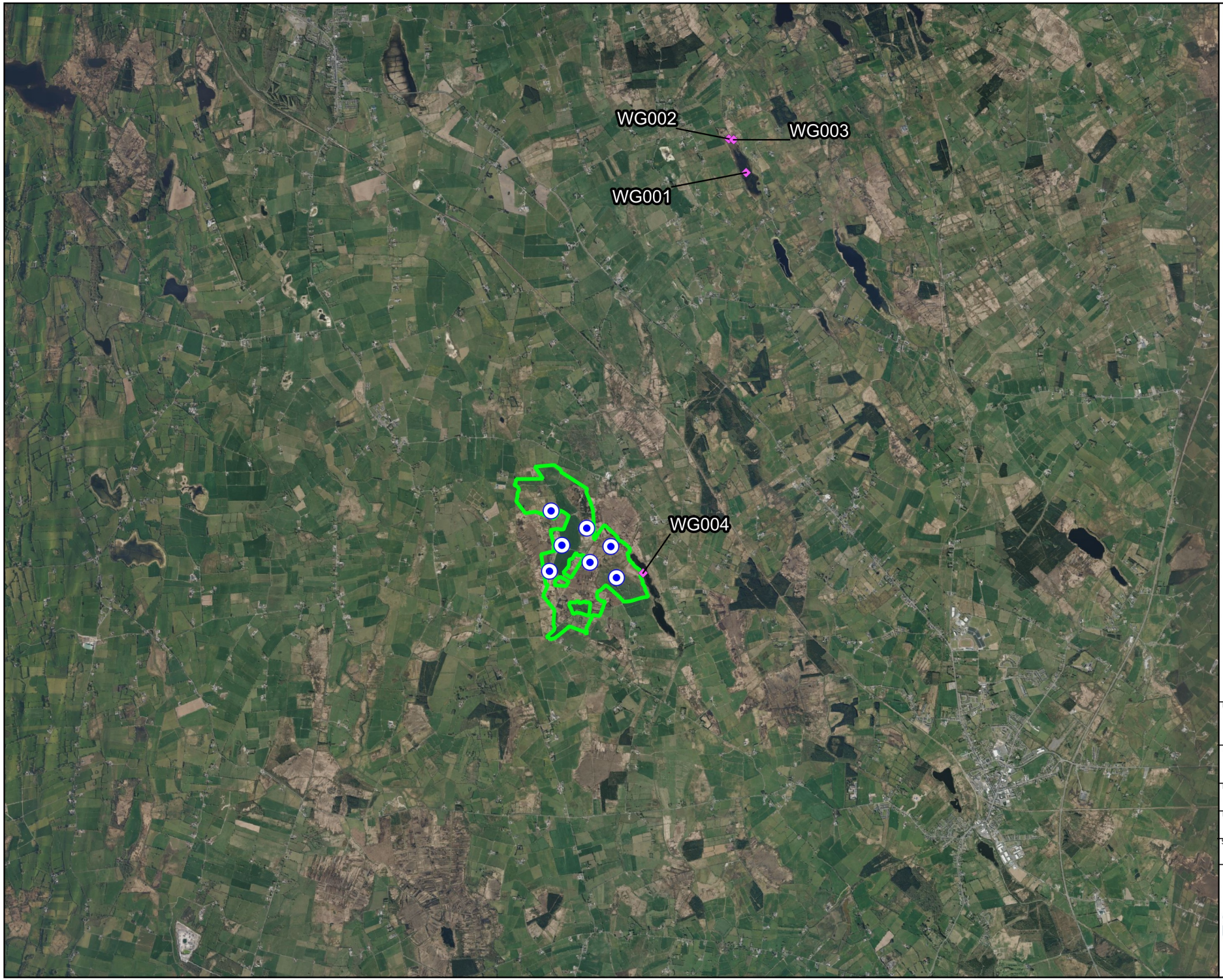

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Greenland White-fronted Goose Observations

Project Title

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Green Energy Project

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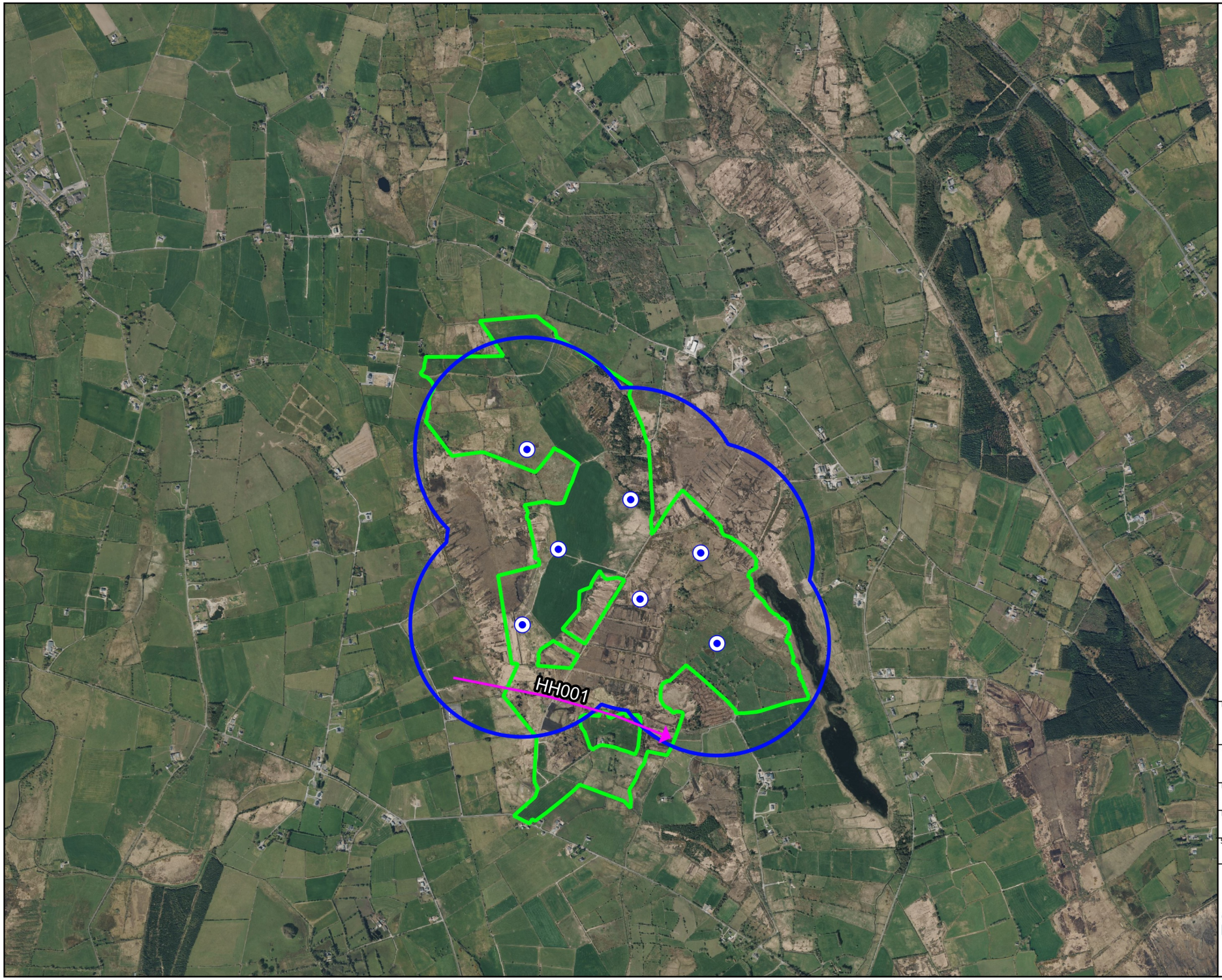

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Hen Harrier Observations

Project Title
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Green Energy Project

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Project No.	Drawing No.
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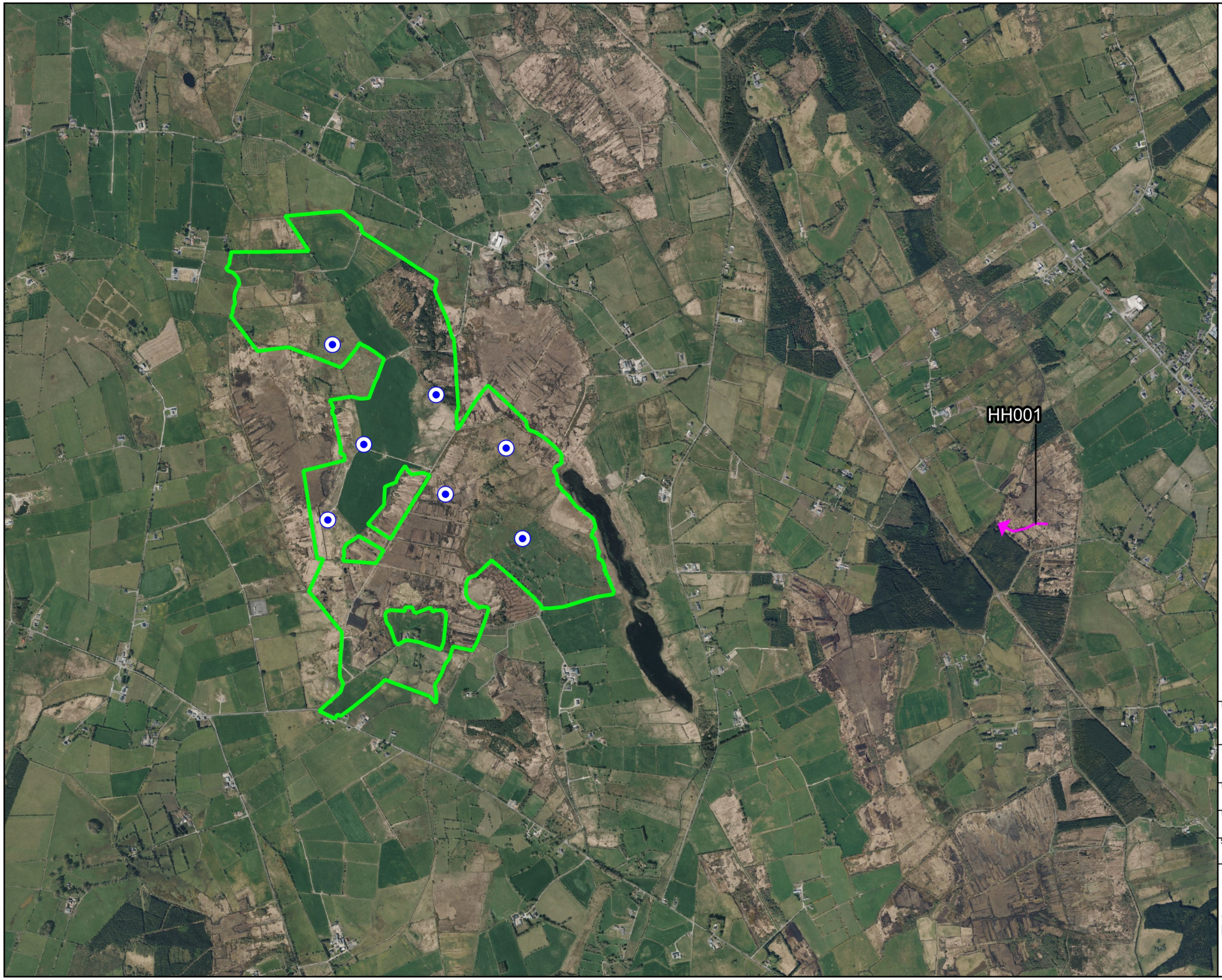

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Hen Harrier Roost Survey
Hen Harrier Observations

Project Title
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Green Energy Project

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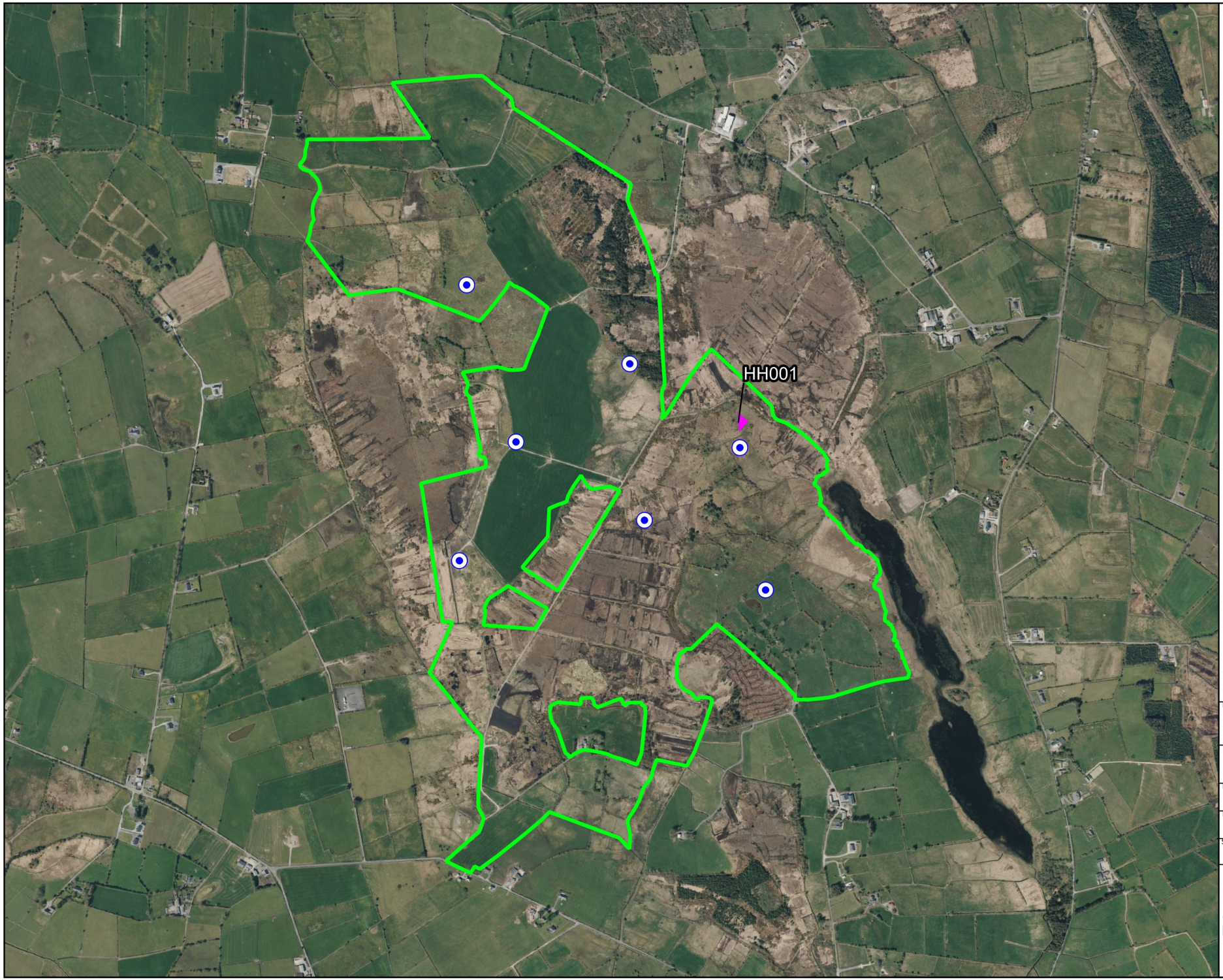

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Hen Harrier Observations

Project Title
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Green Energy Project

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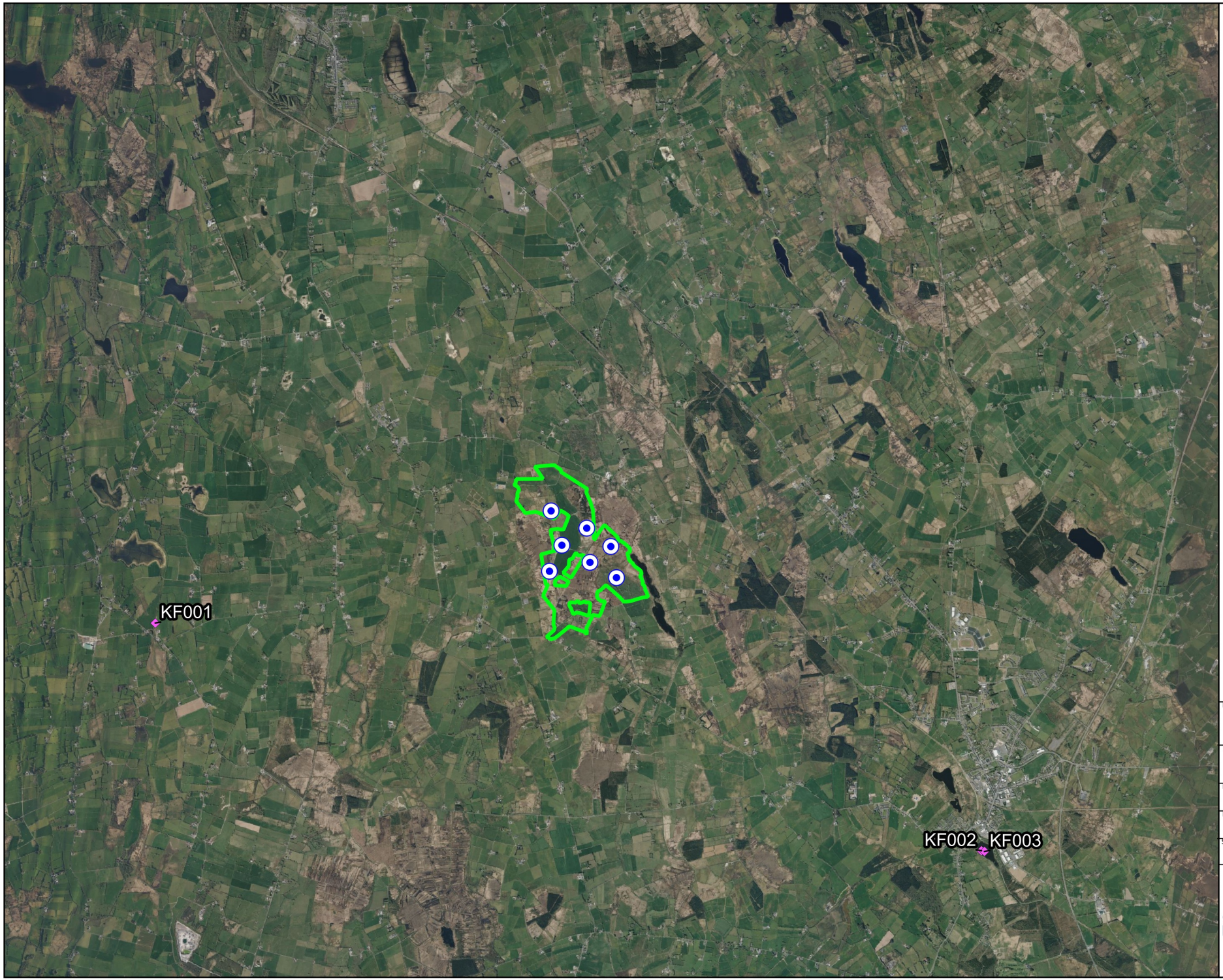

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Kingfisher Observations

Project Title

Cunlaghfadda
Green Energy Project

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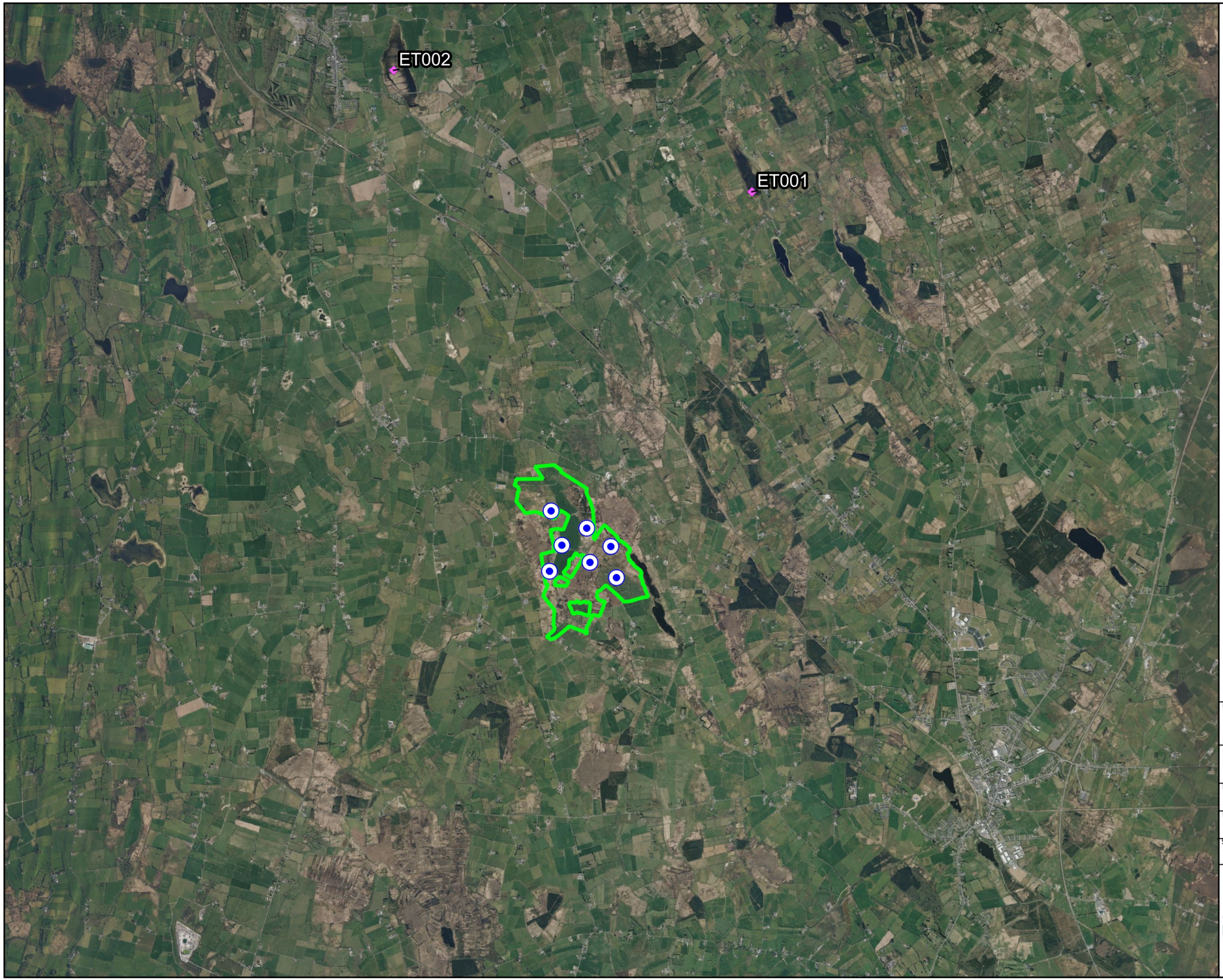

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Little Egret Observations

Project Title

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Green Energy Project

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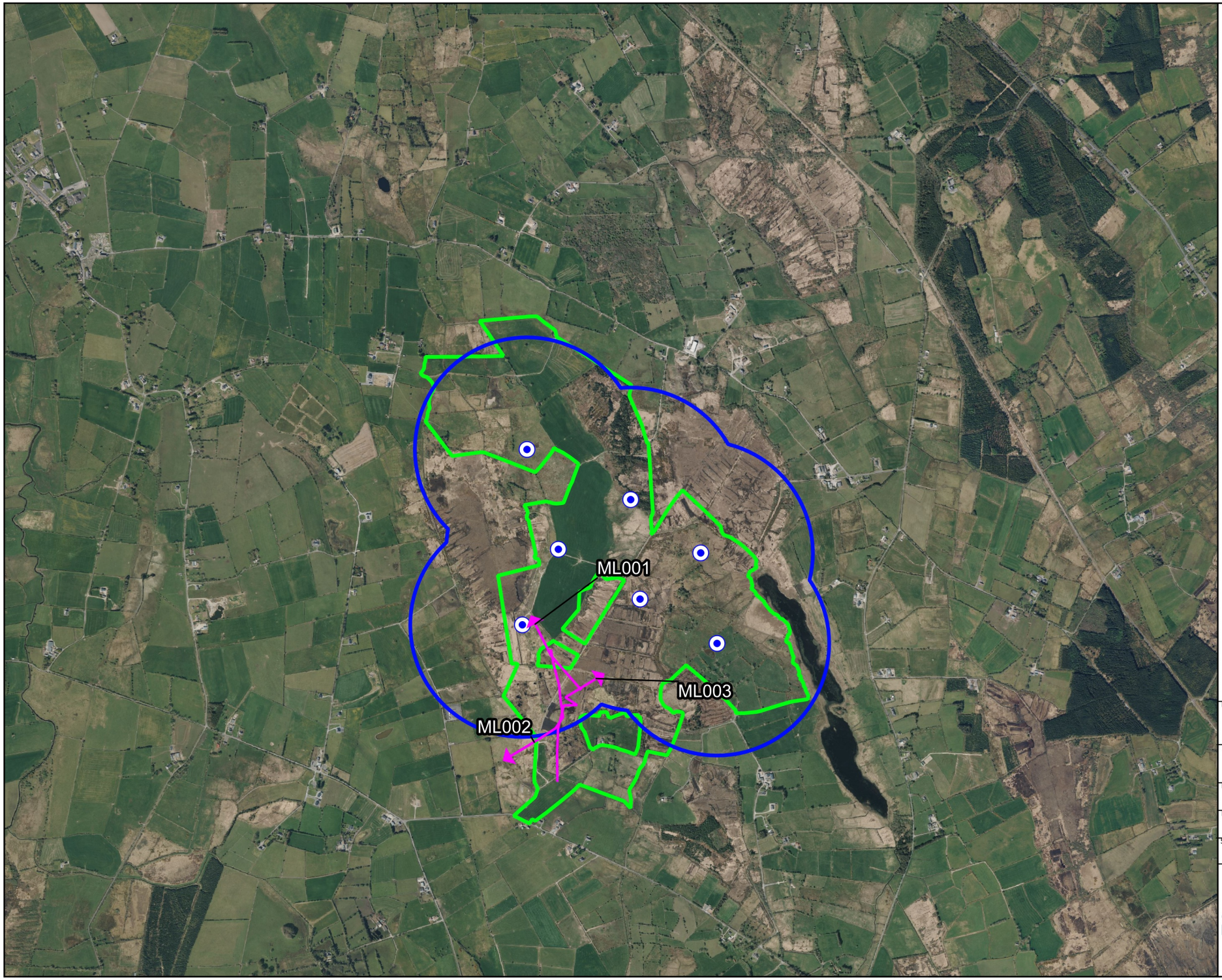

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Merlin Observations

Project Title
Cunlaghfadda
Green Energy Project

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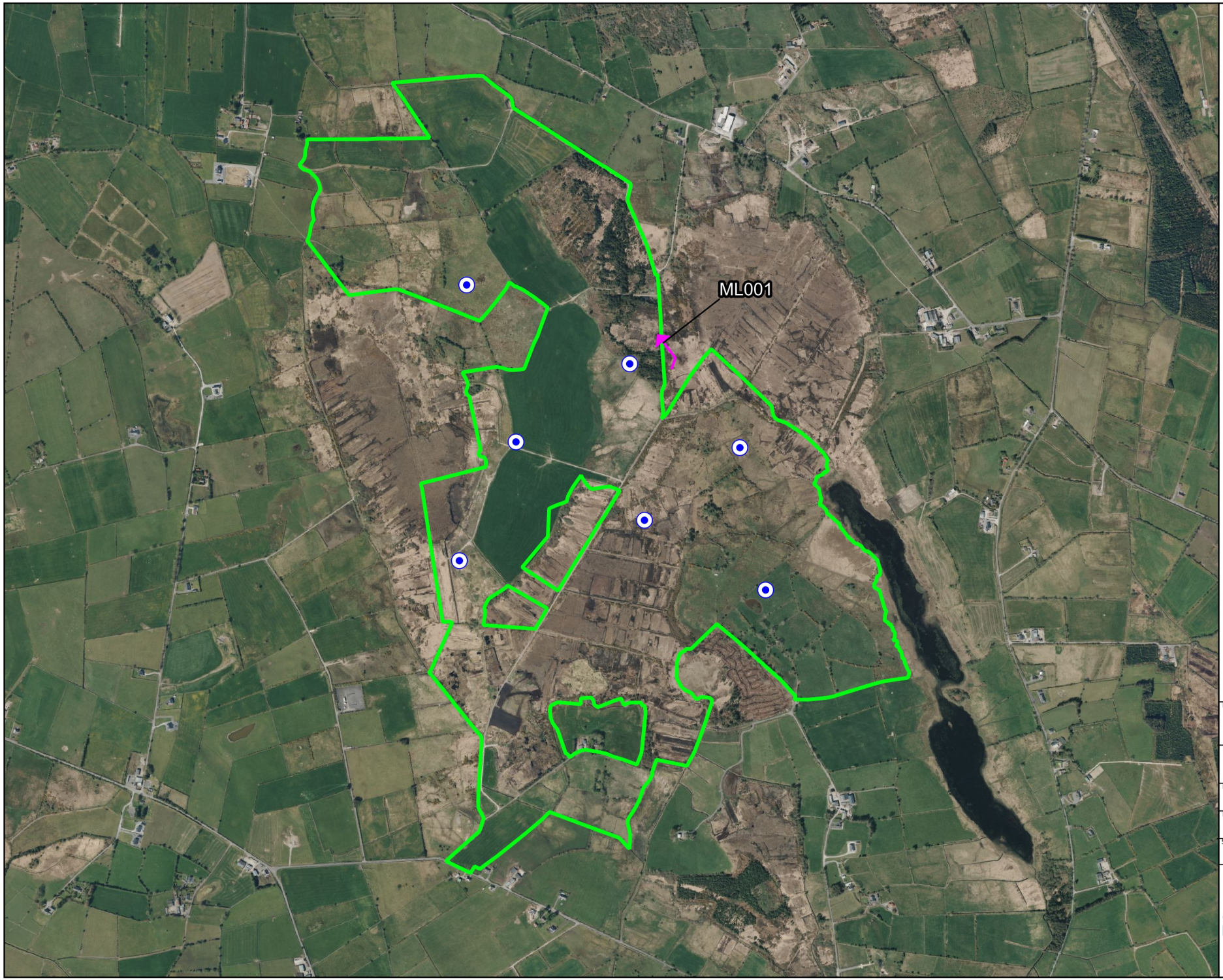

Map Legend

EIAR Site Boundary

Proposed Turbines

Flight Observation

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Drawing Title

Incidental Records
Merlin Observations

Project Title

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Green Energy Project

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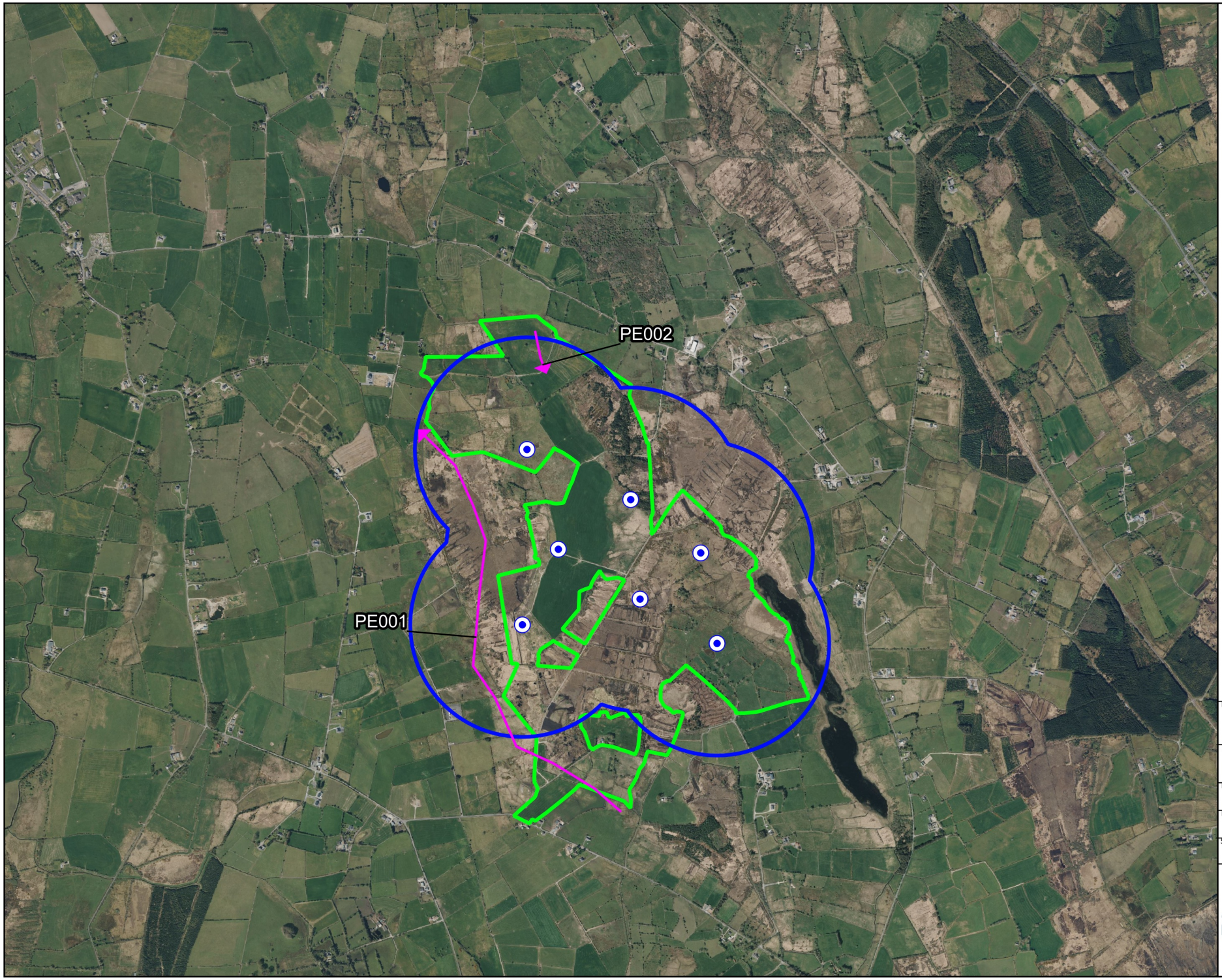

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Peregrine Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 14
Scale	Date
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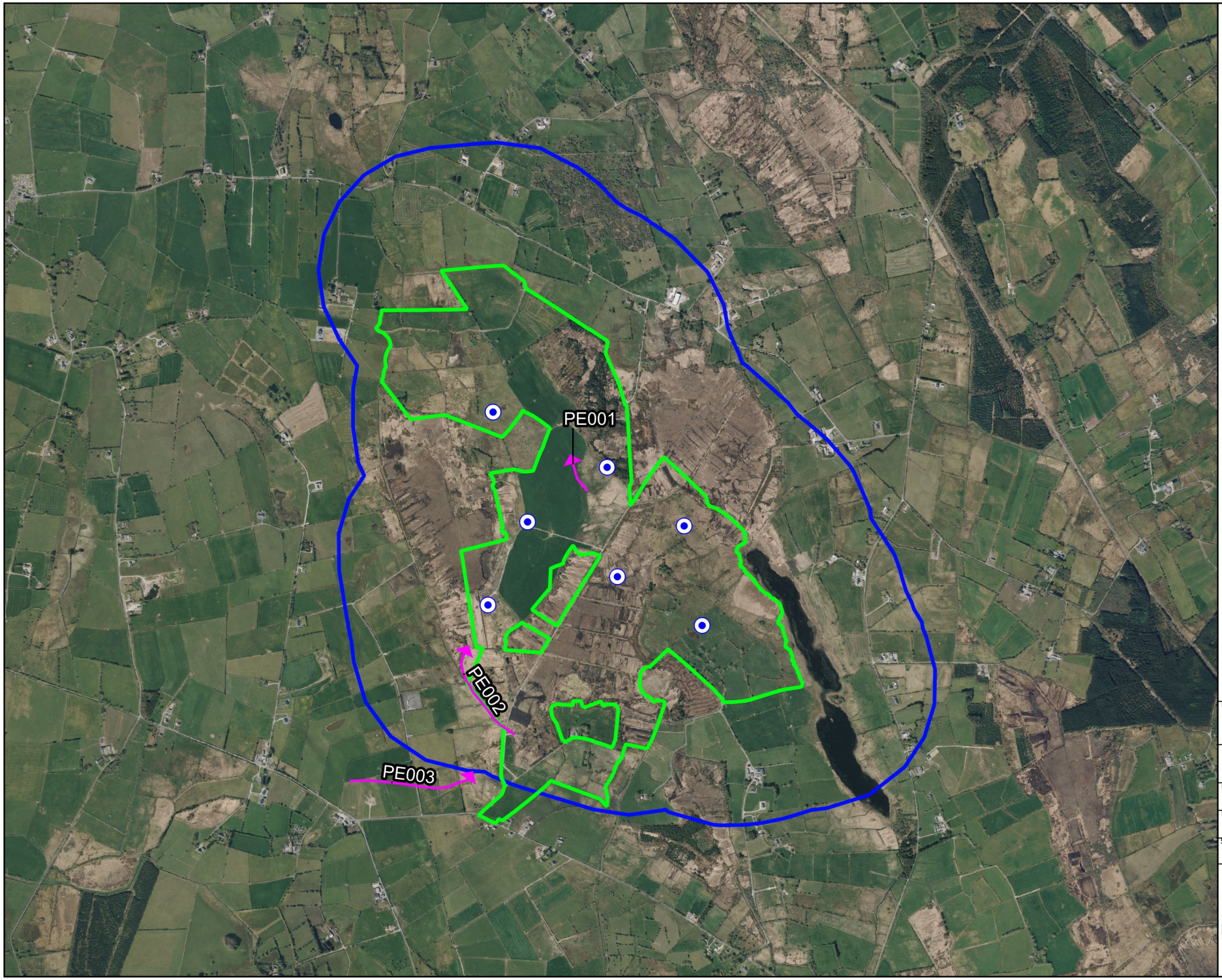

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Peregrine Falcon Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 15
Scale	Date
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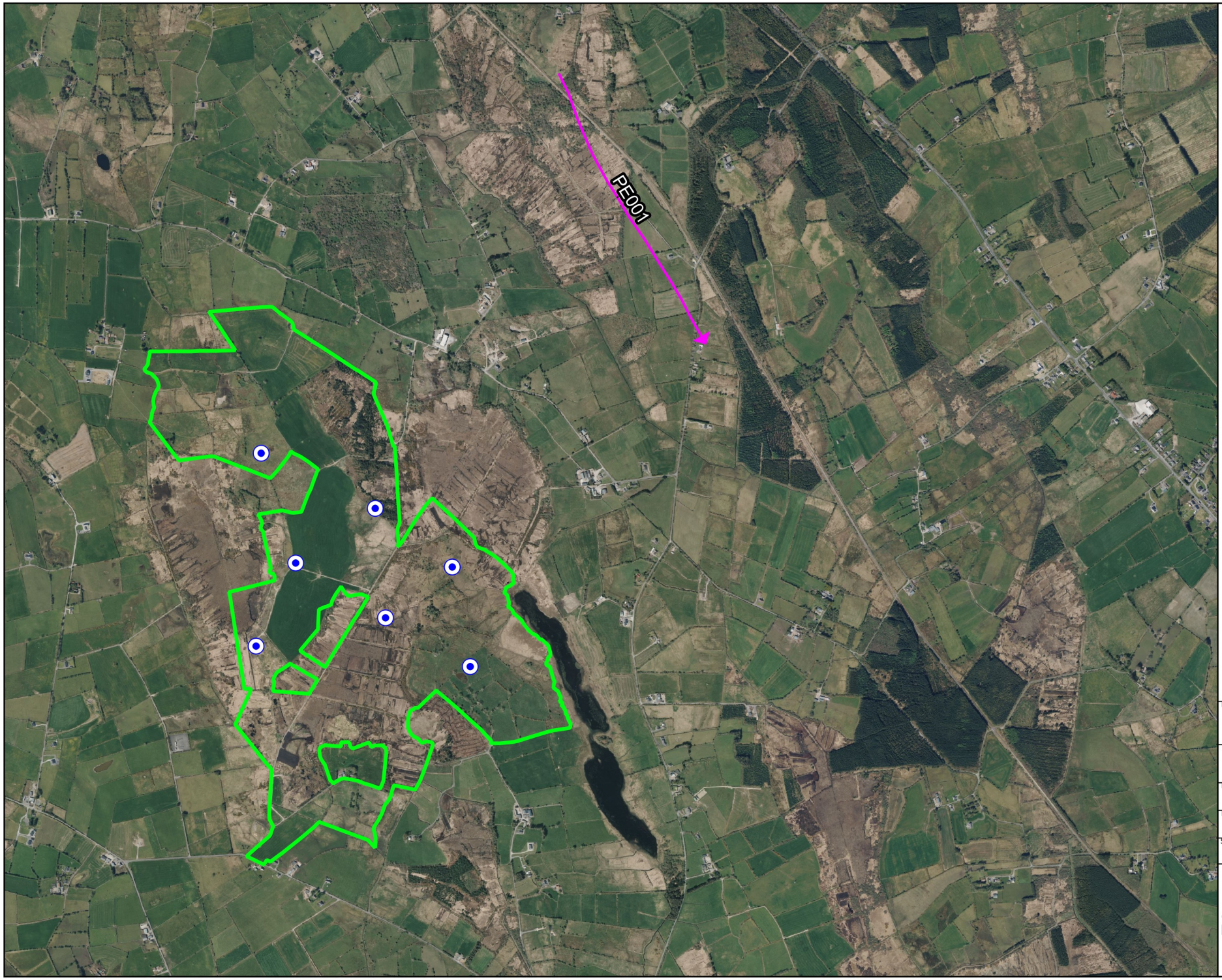

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title

Incidental Records
Peregrine Falcon Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 16
Scale	Date
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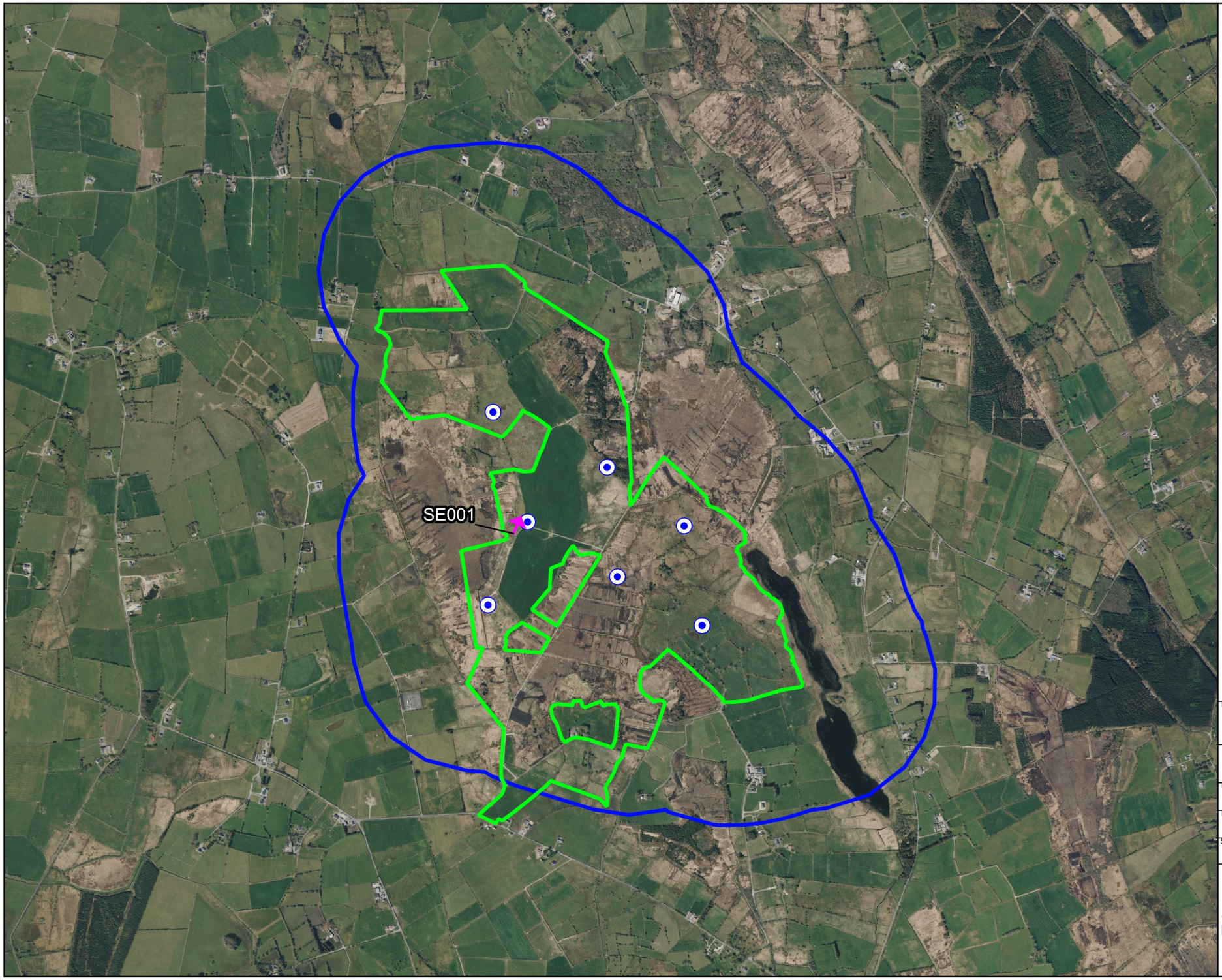

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Short-eared Owl Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 17
Scale	Date
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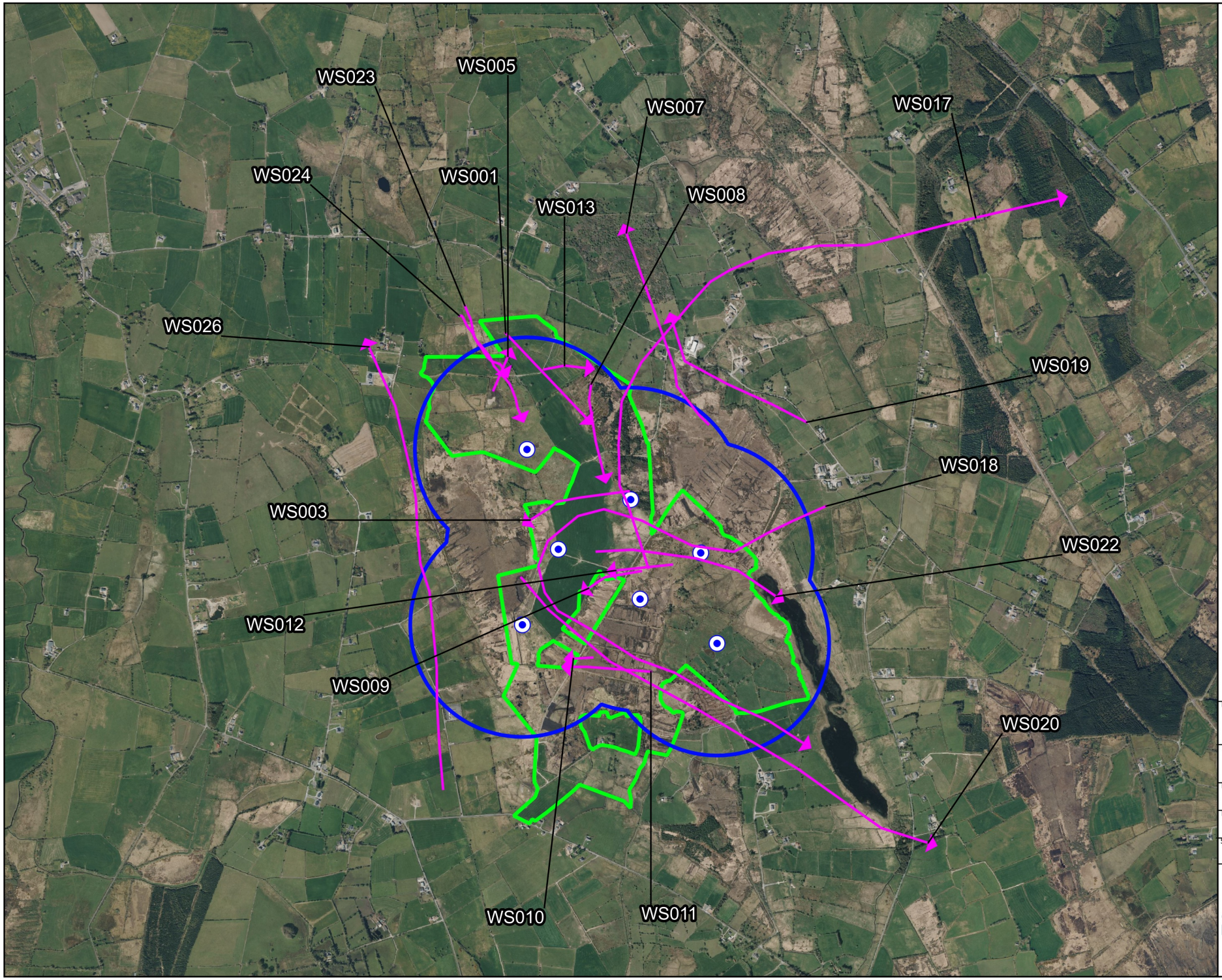

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Whooper Swan Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 18
Scale	Date
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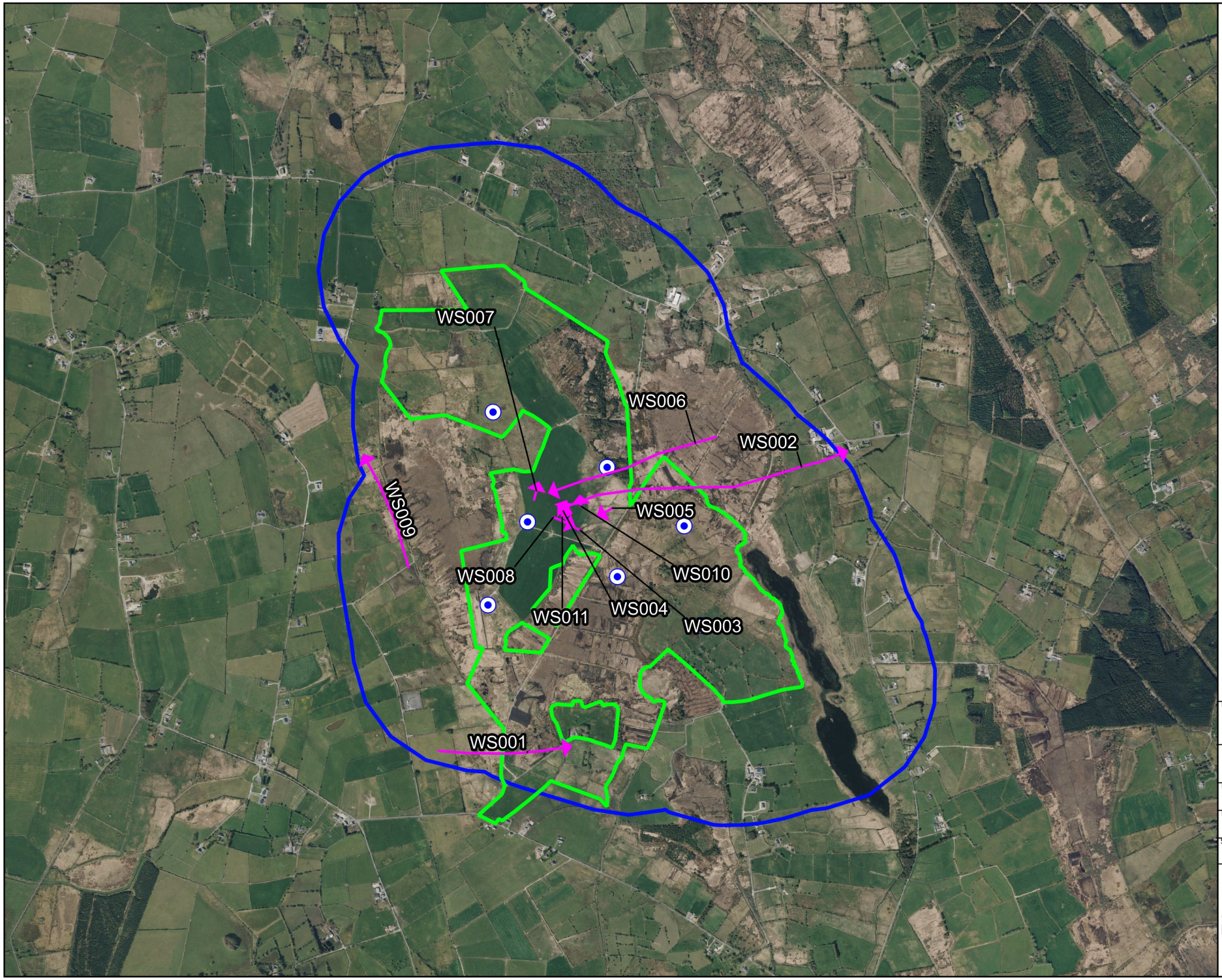

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Whooper Swan Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 19
Scale	Date
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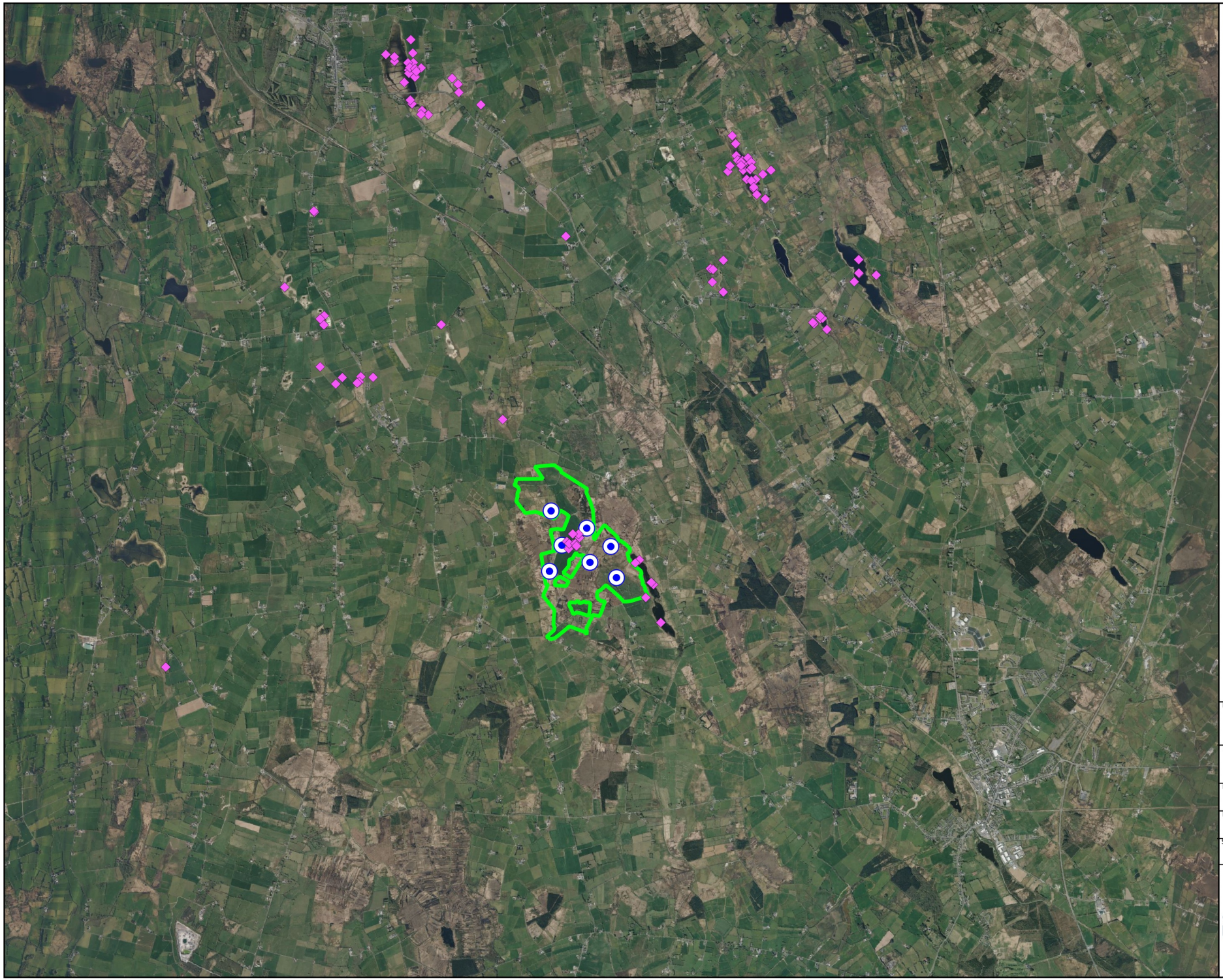

Drawing Title

Waterbird Distribution and Abundance Survey
Whooper Swan Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 20
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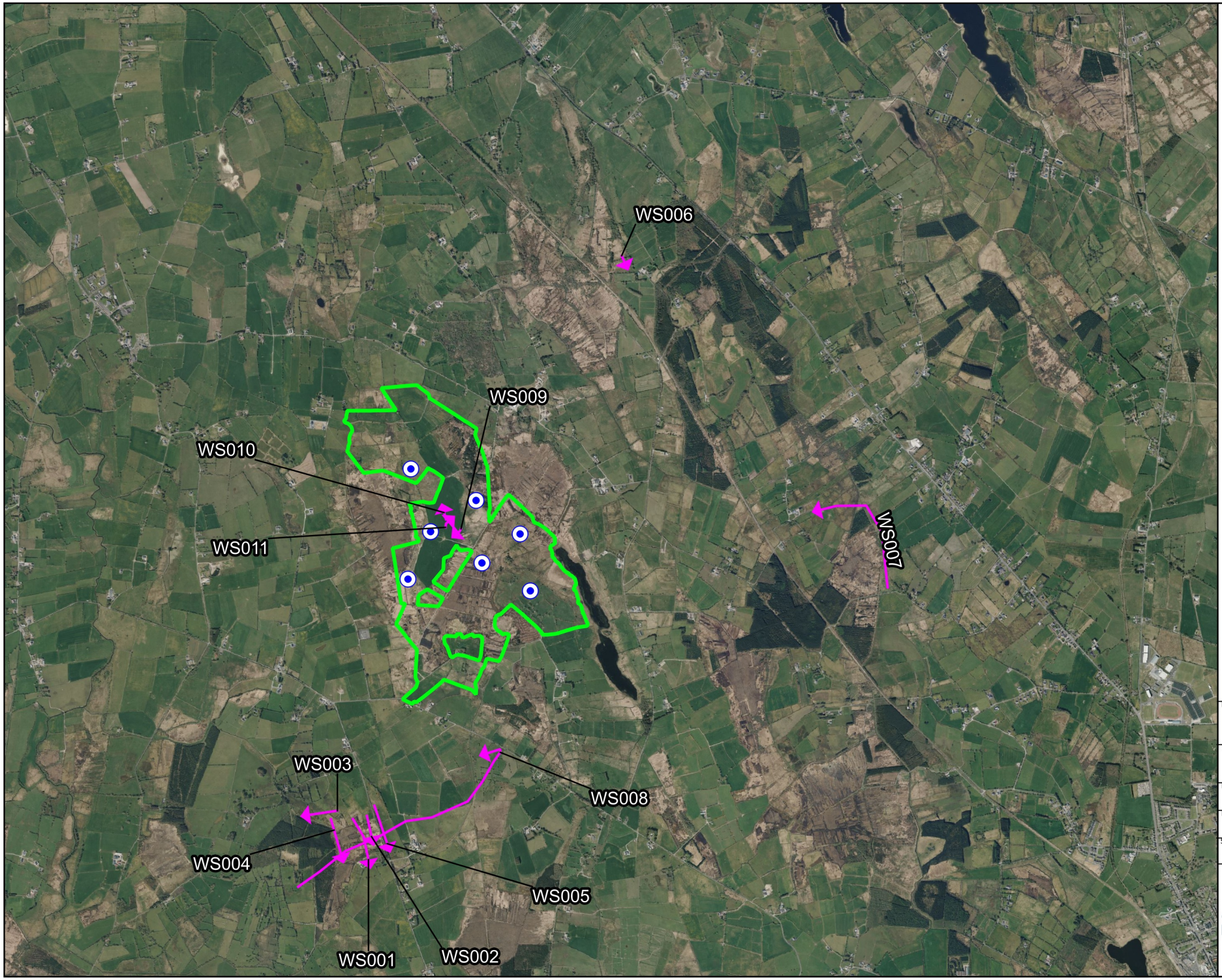

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

N

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Drawing Title
Incidental Records
Whooper Swan Observations

Project Title
Cunlaghfadda
Green Energy Project

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220825	Fig. 7 - 4 - 21
Scale	Date
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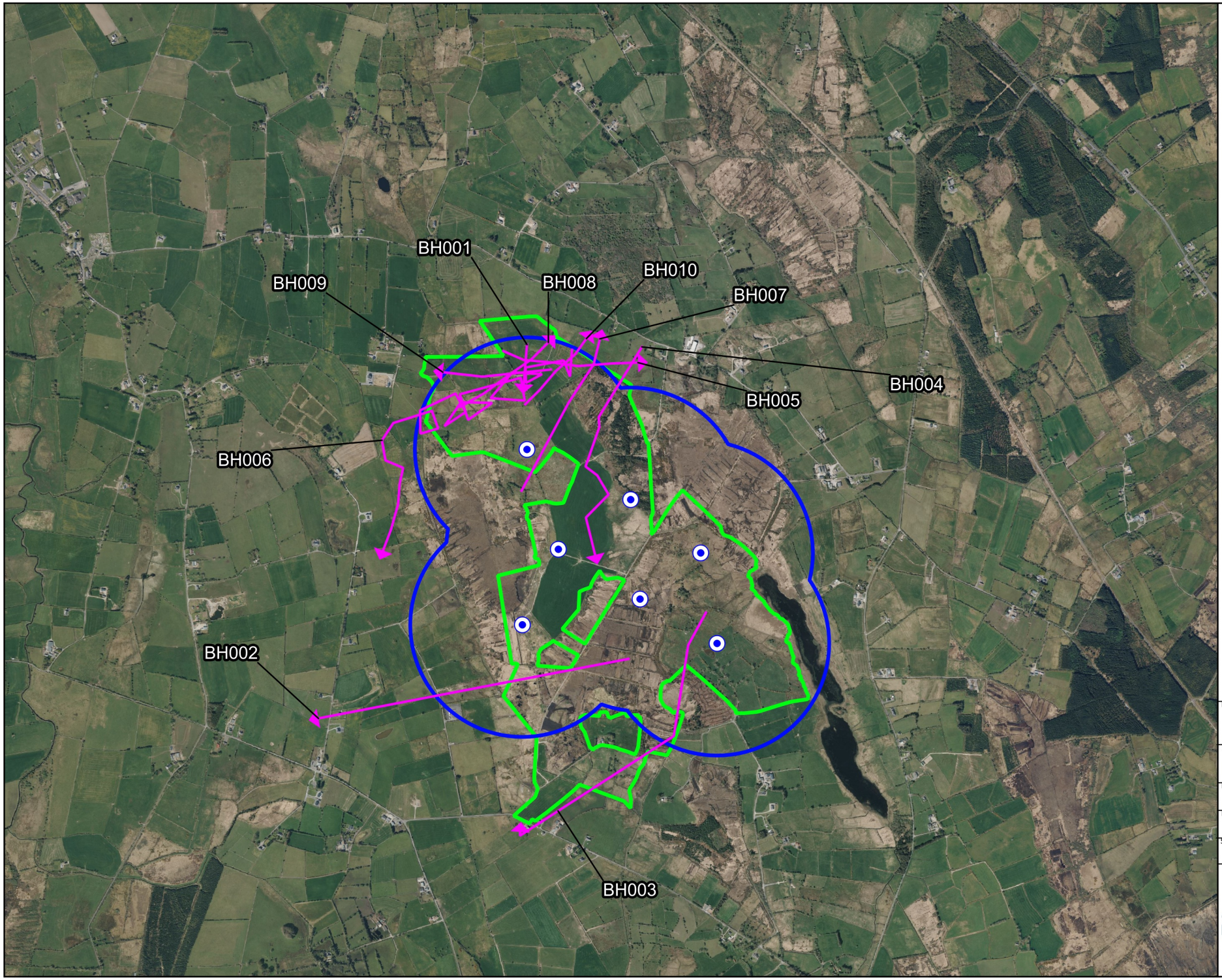

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Black-headed Gull Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 22
Scale	Date
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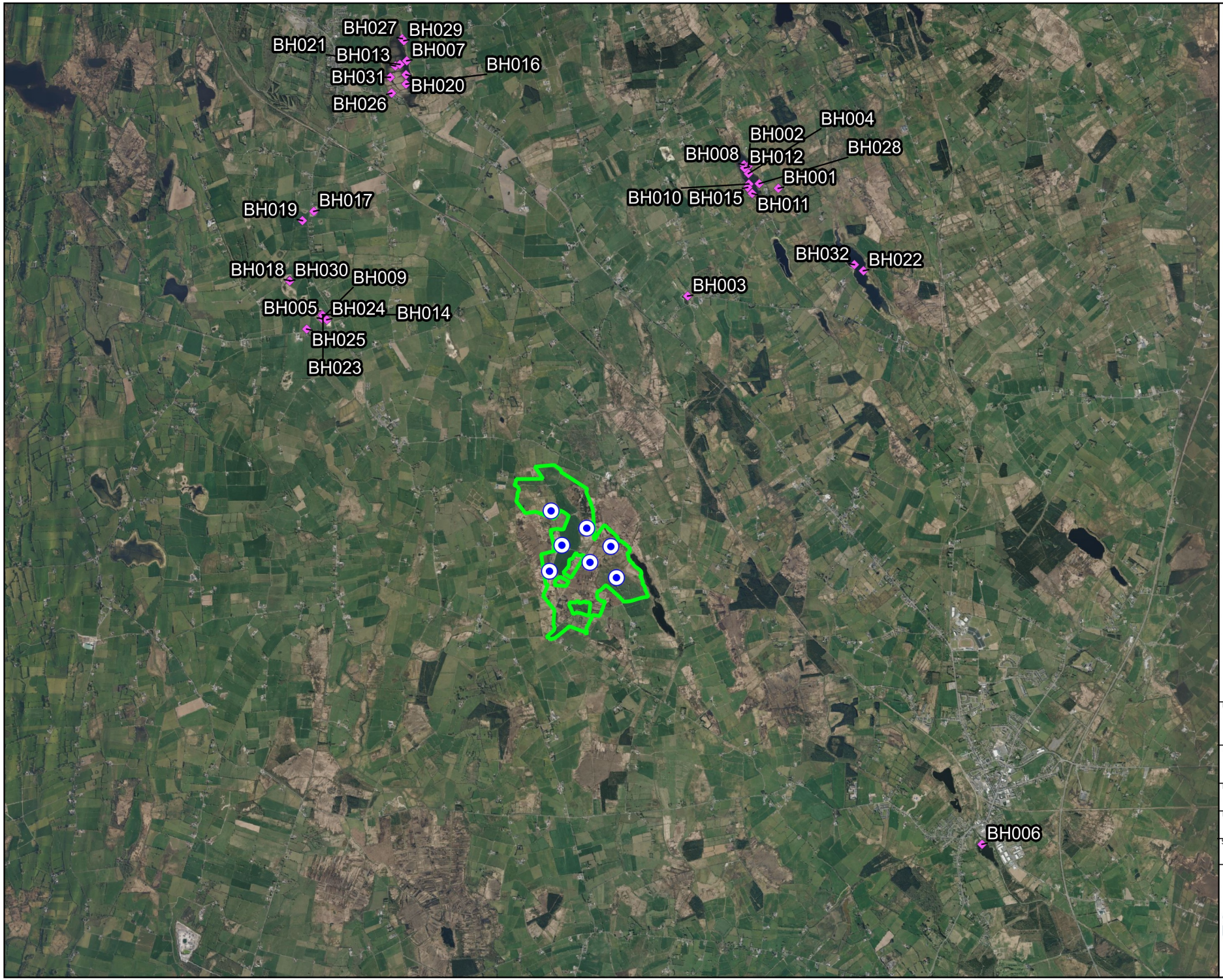

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Black-headed Gull Observations

Project Title

Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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220825	Fig. 7 - 4 - 23
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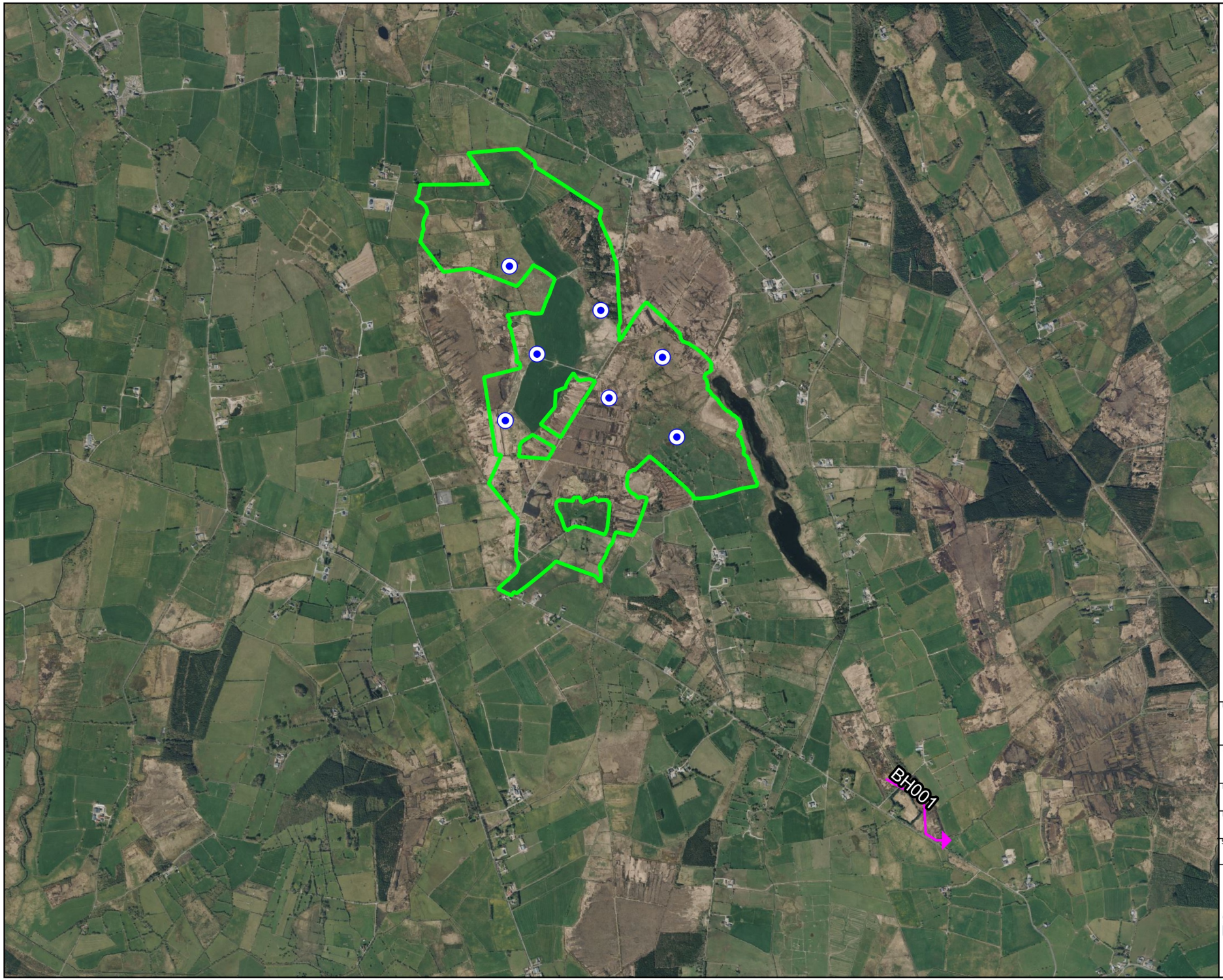

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title

Incidental Records
Black-headed Gull Observations

Project Title

Cunlaghfadda
Green Energy Project

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220825	Fig. 7 - 4 - 24
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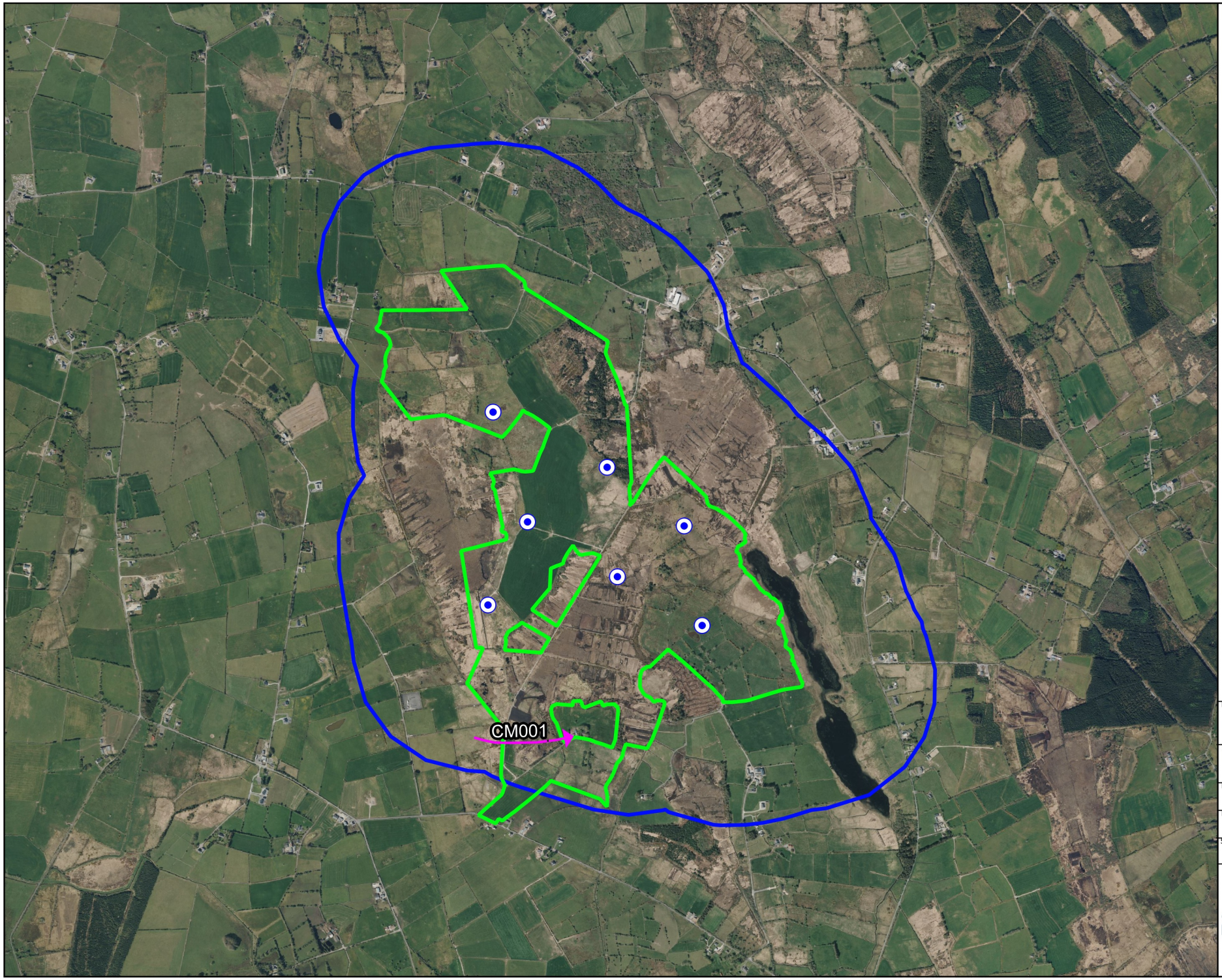

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Common Gull Observations

Project Title
Cunlaghfadda
Green Energy Project

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Scale	Date
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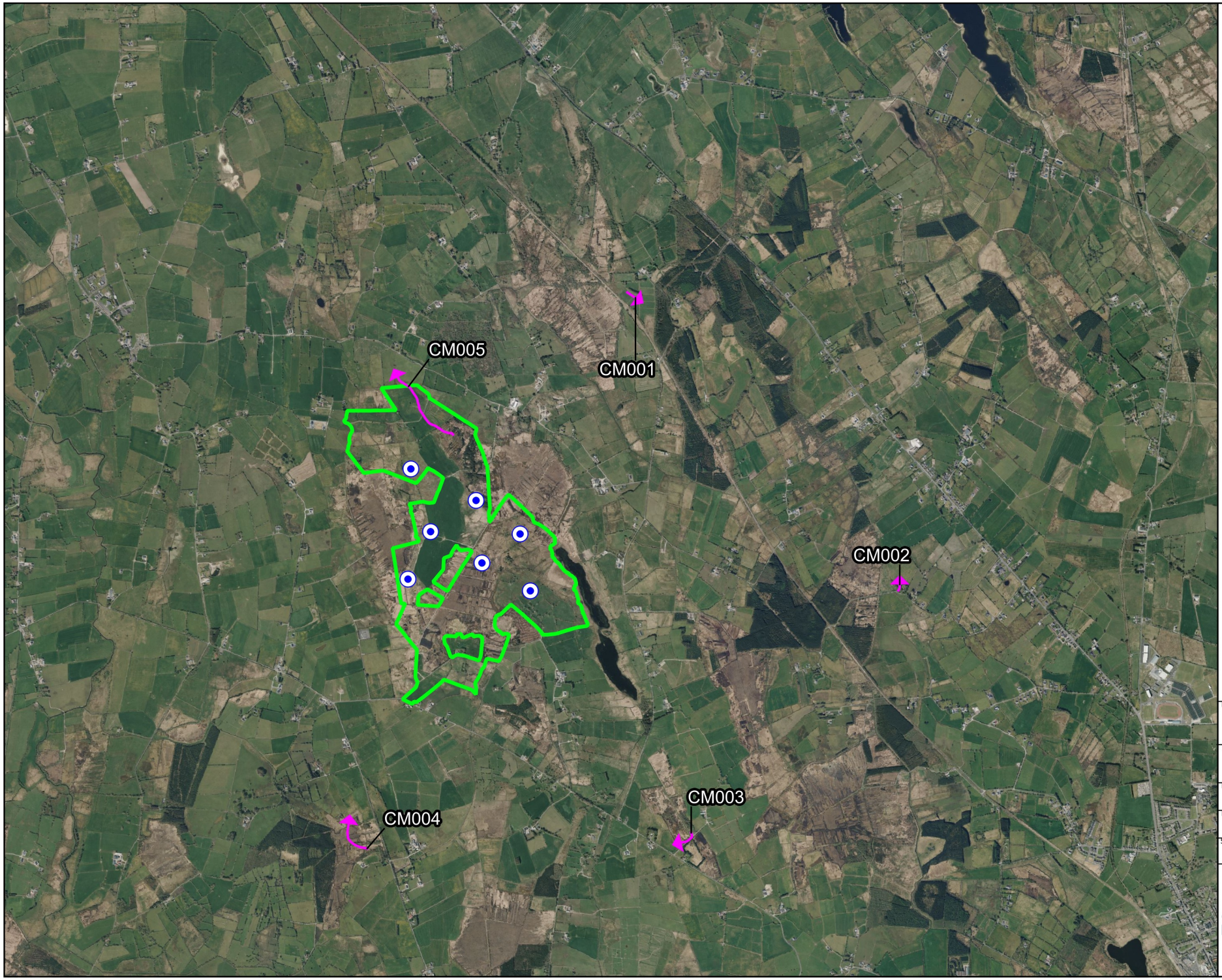

Map Legend

EIAR Site Boundary

Proposed Turbines

Flight Observation

N

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Drawing Title

Incidental Records
Common Gull Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
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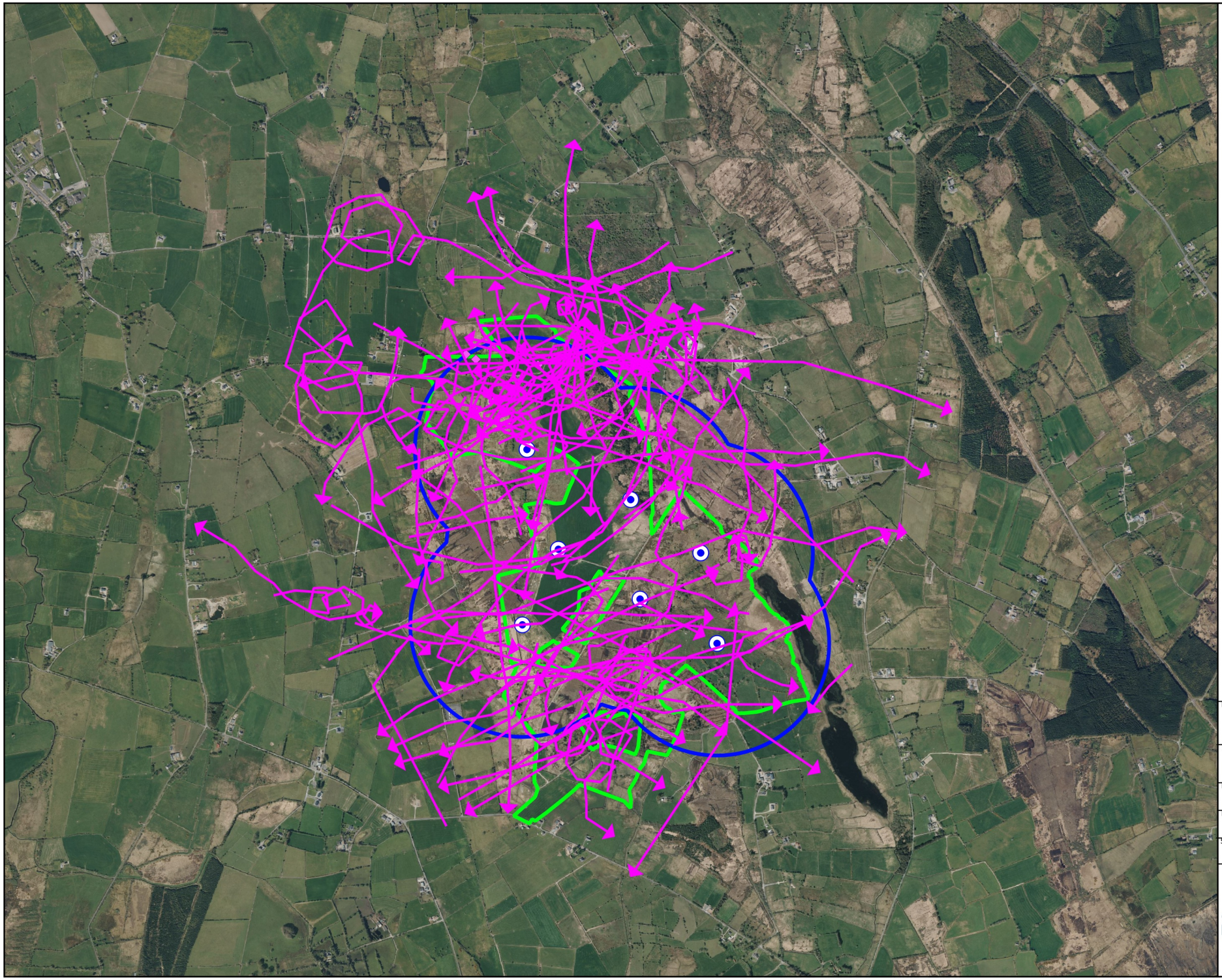

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-Flight Observation

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Drawing Title

Vantage Point Survey
Lesser Black-backed Gull Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
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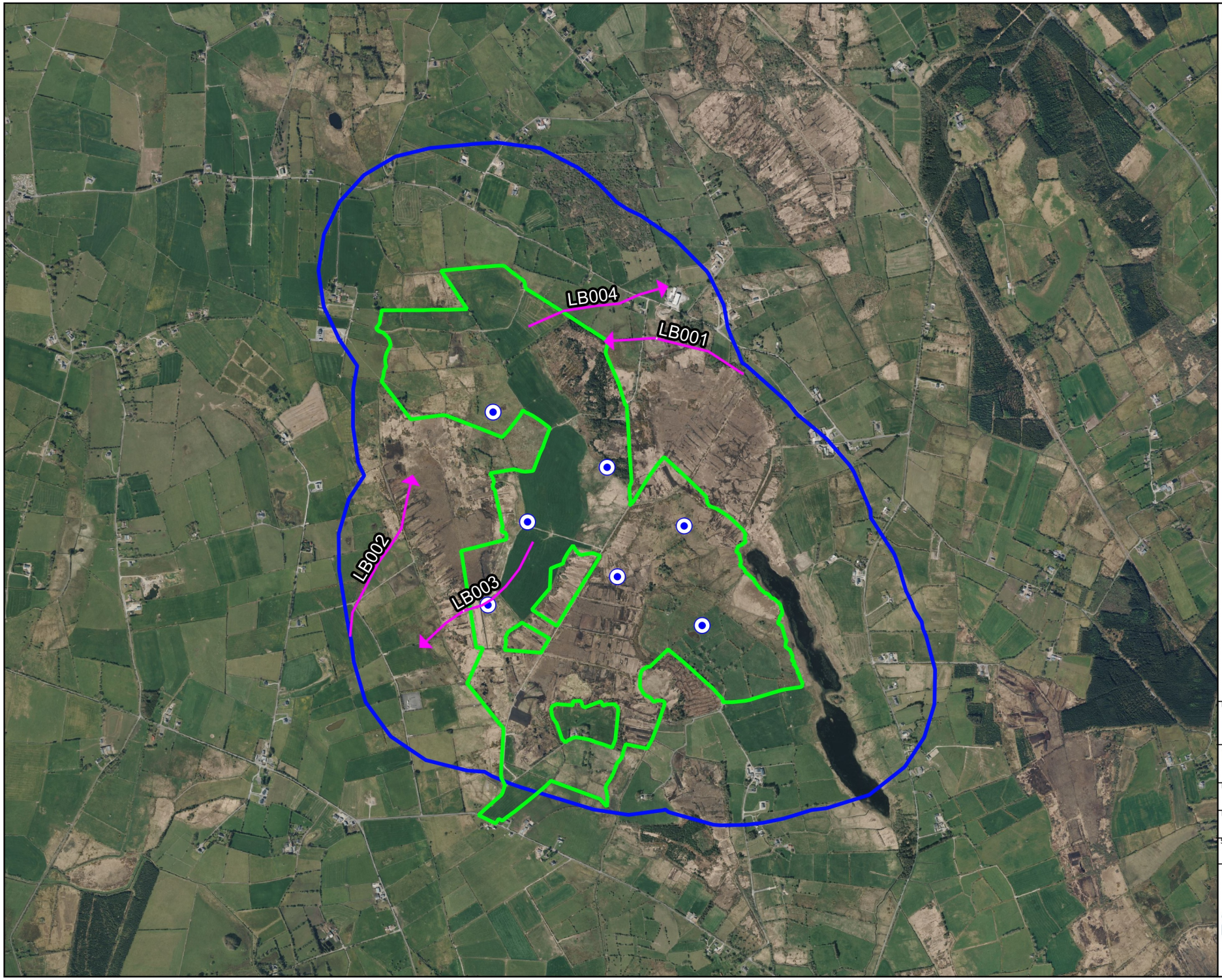

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Lesser Black-backed Gull Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
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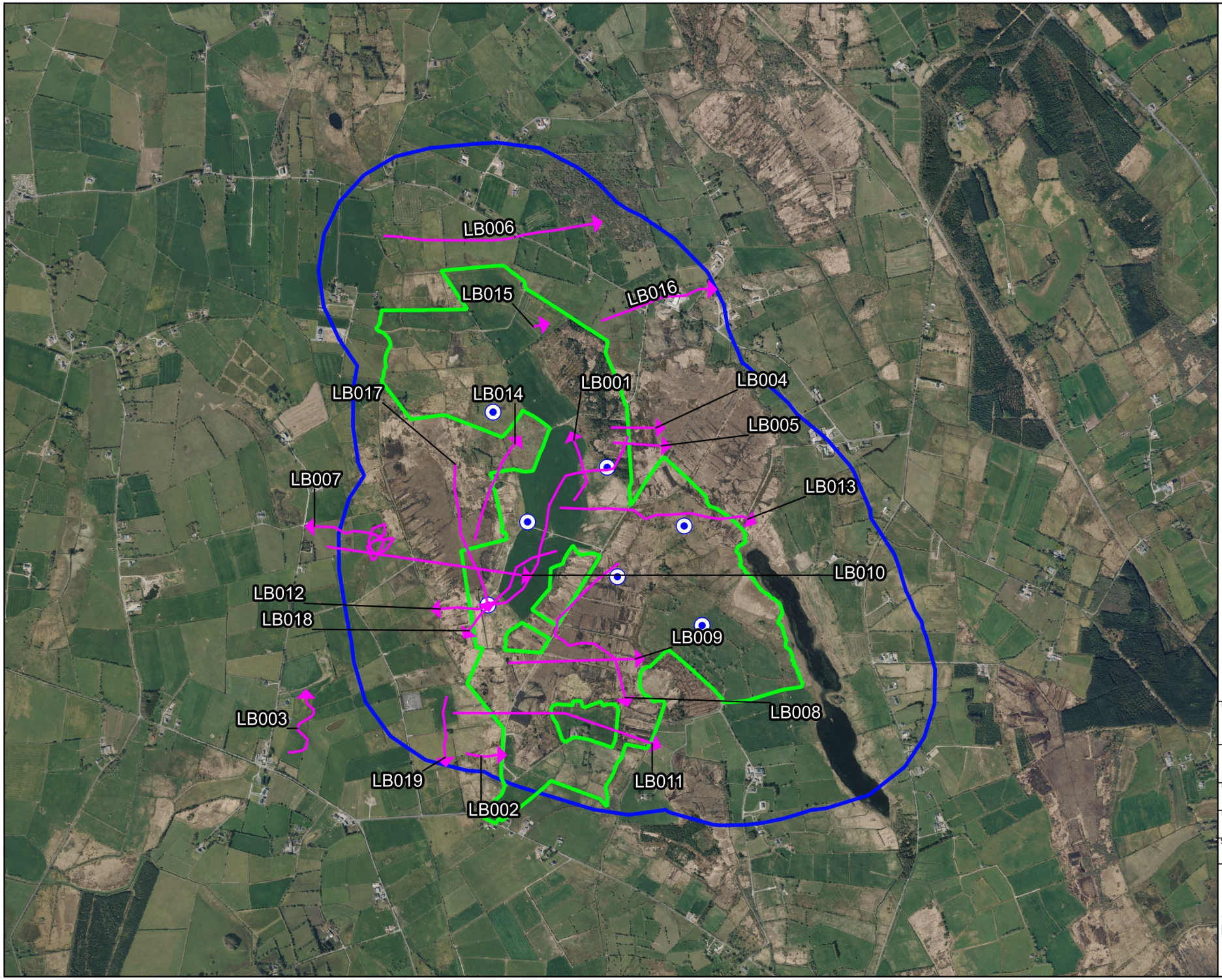

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Lesser Black-backed Gull Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 29
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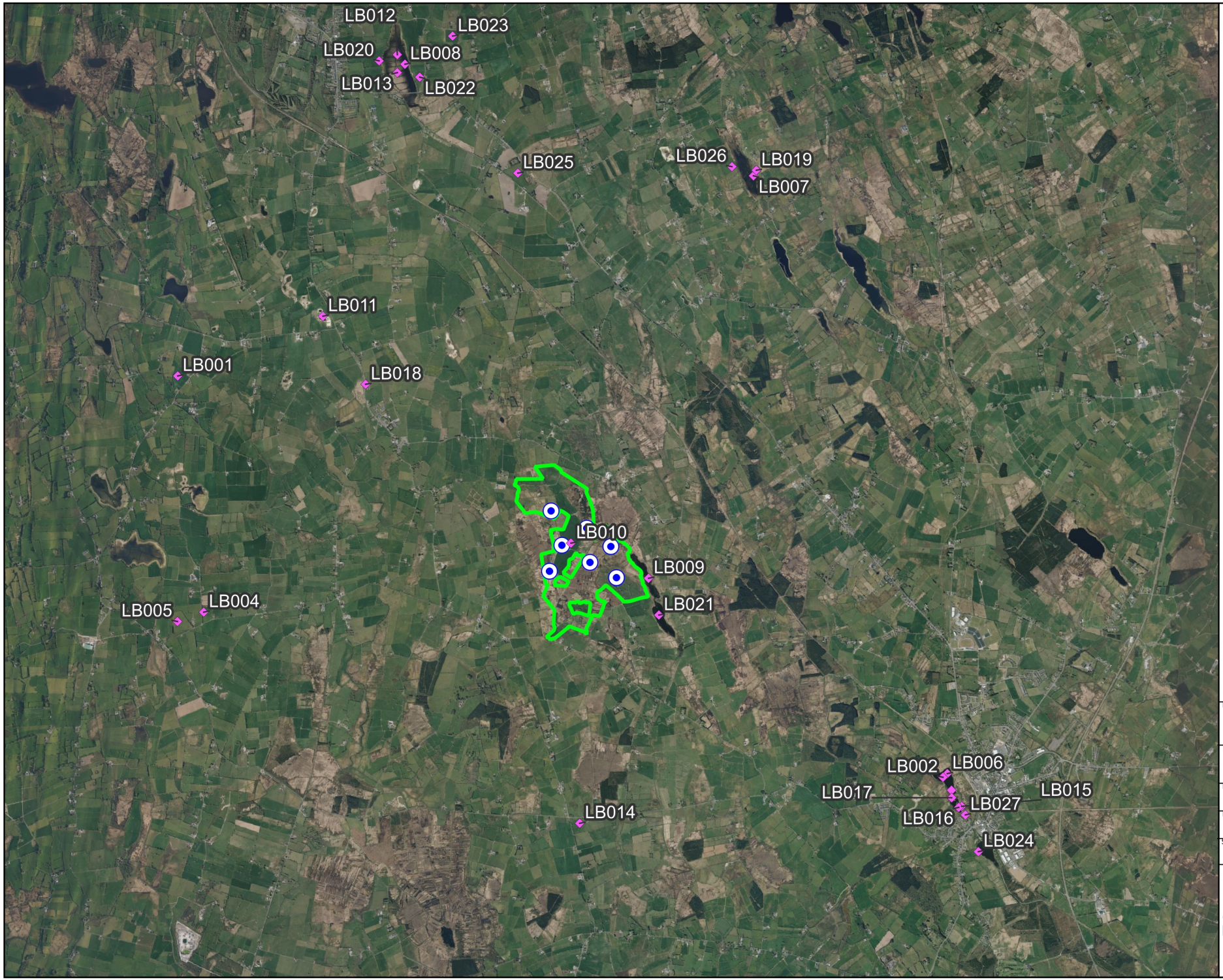

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Lesser Black-backed Gull Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 30
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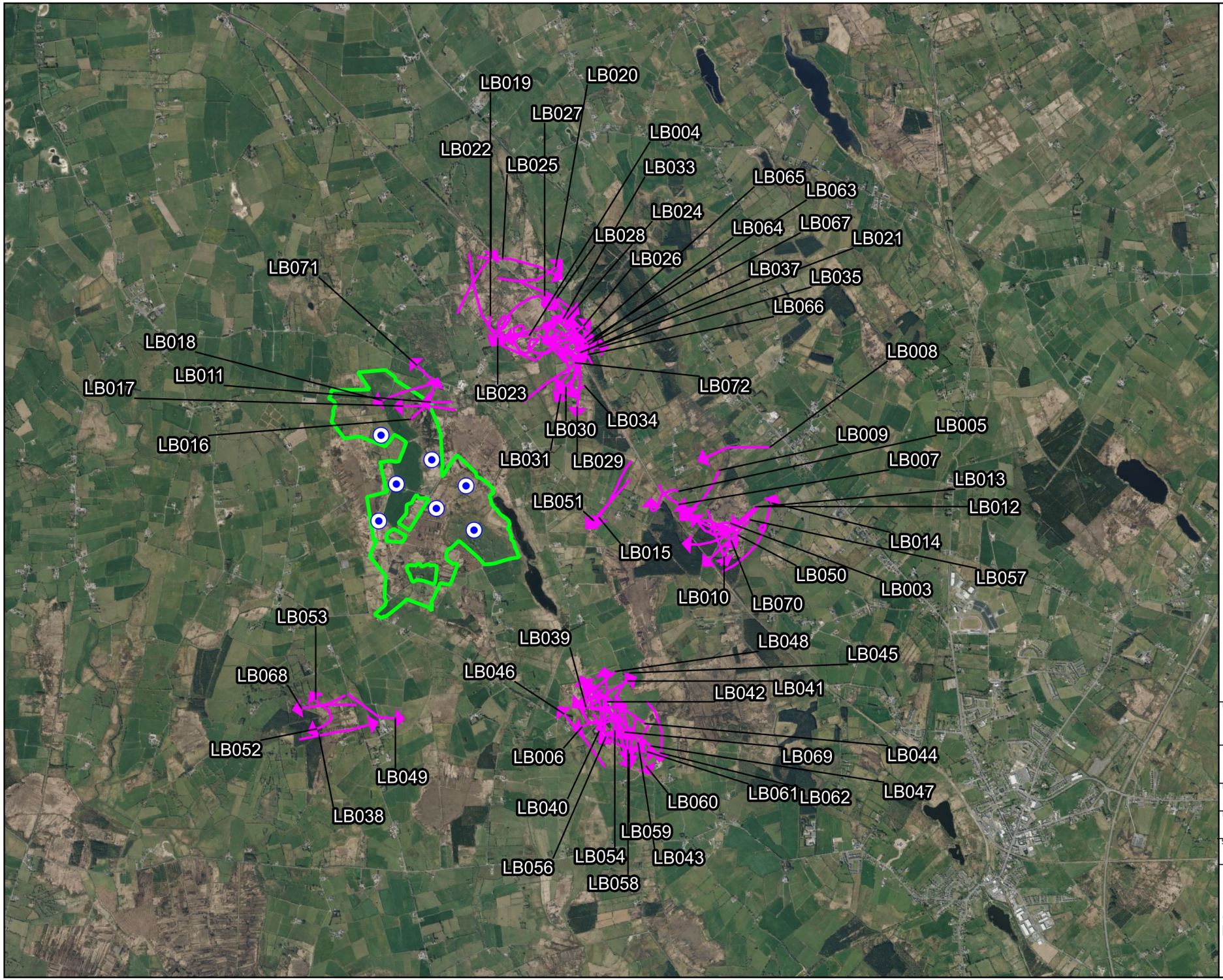
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Map Legend
EIAR Site Boundary
Proposed Turbines
Flight Observation
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Drawing Title
Incidental Records
Lesser Black-backed Gull
Observations
Project Title
Cunlaghfadda
Green Energy Project
Drawn By
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Project No.
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Drawing No.
Fig. 7 - 4 - 31
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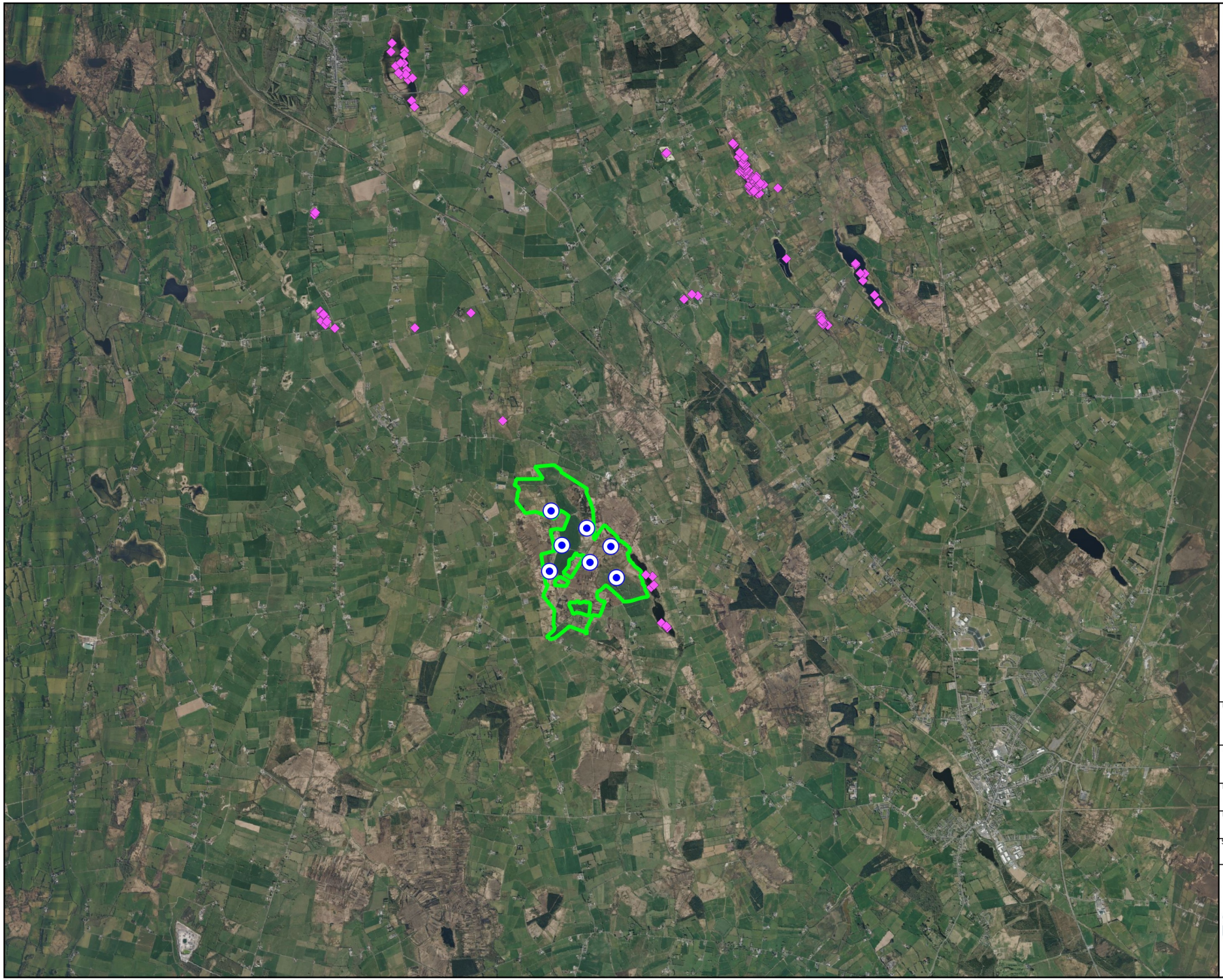

Drawing Title

Waterbird Distribution and Abundance Survey
Tufted Duck Observations

Project Title

Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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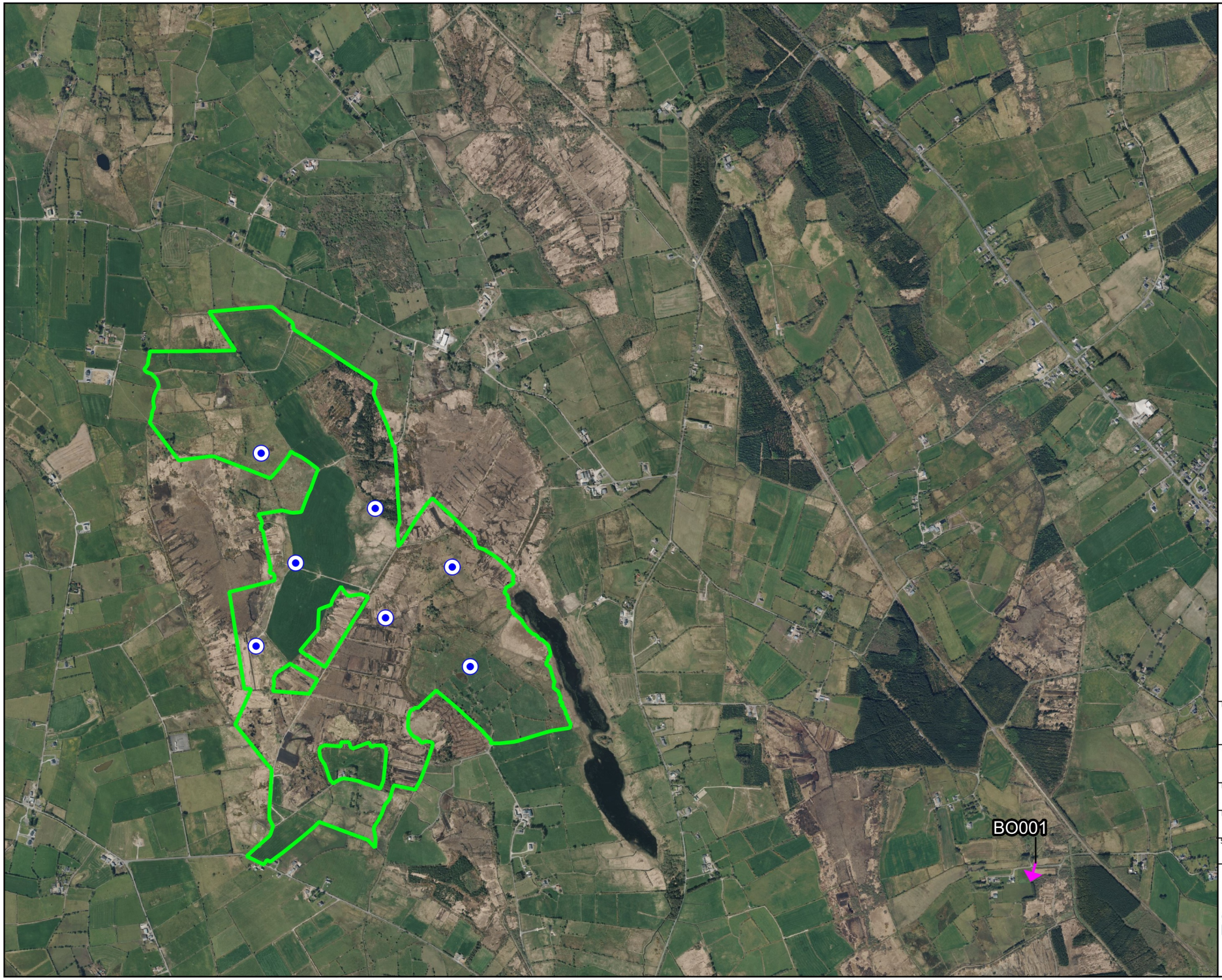

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Barn Owl Observations

Project Title
Cunlaghfadda
Green Energy Project

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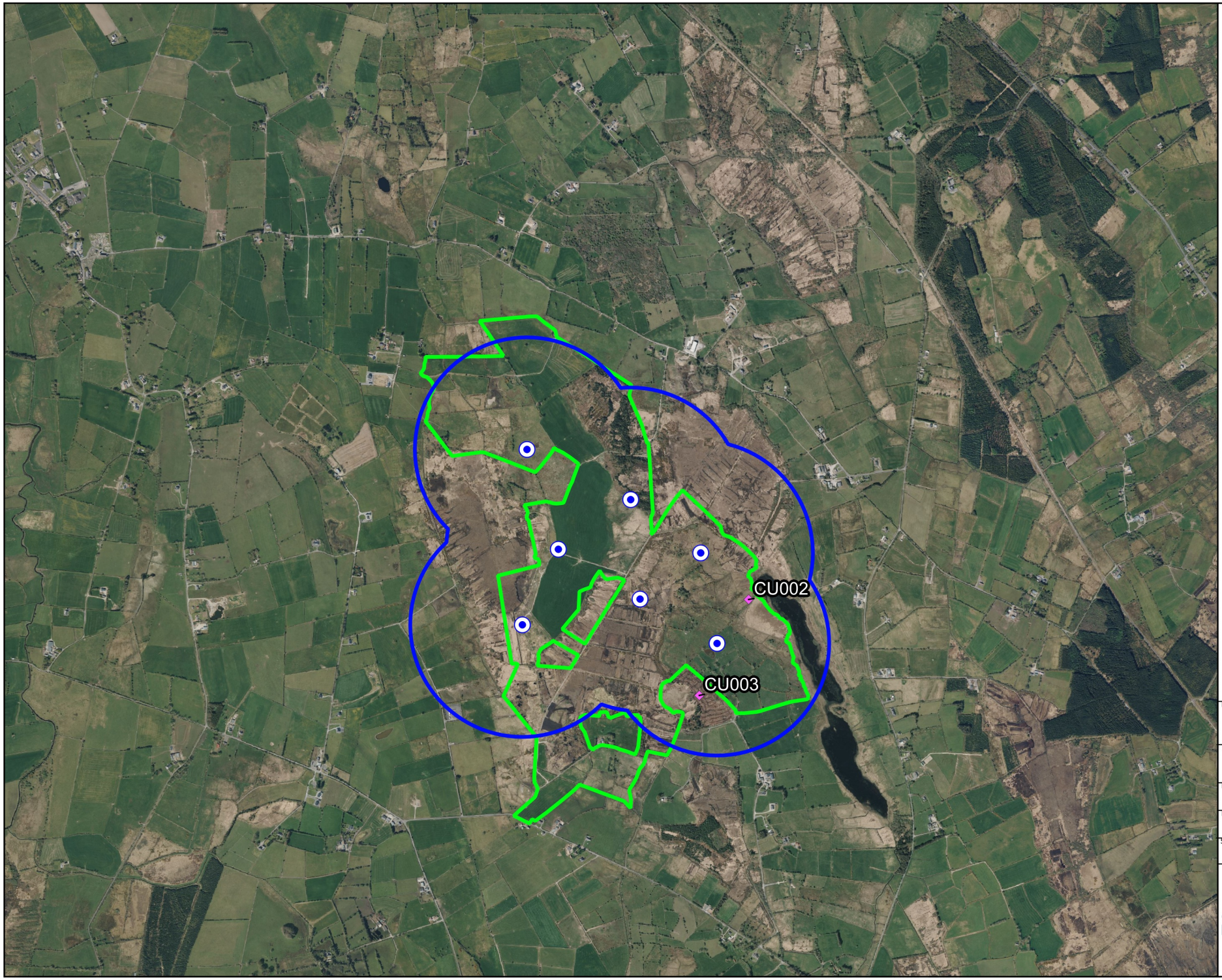

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Curlew Observations

Project Title
Cunlaghfadda
Green Energy Project

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Scale	Date
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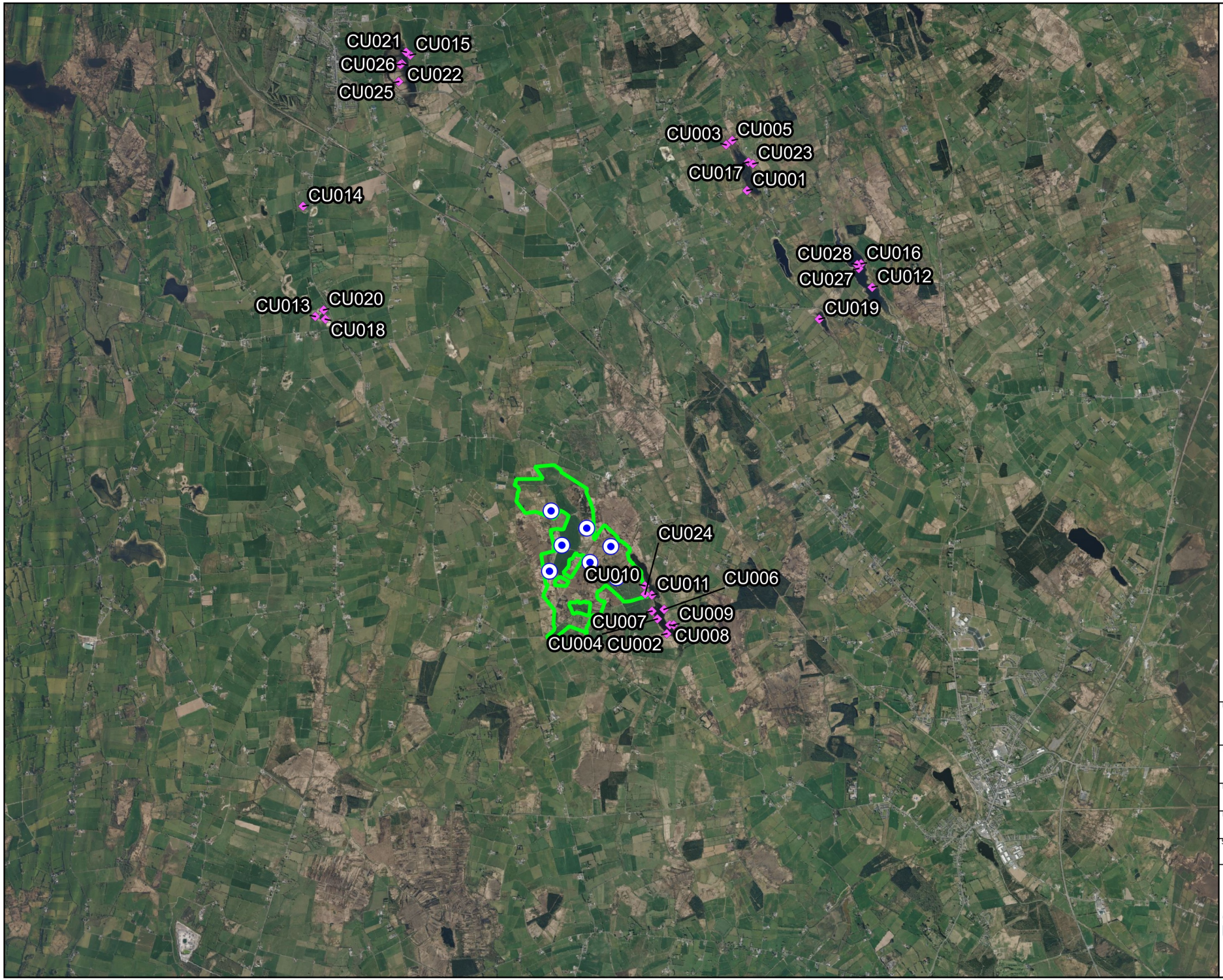

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Curlew Observations

Project Title

Cunlaghfadda
Green Energy Project

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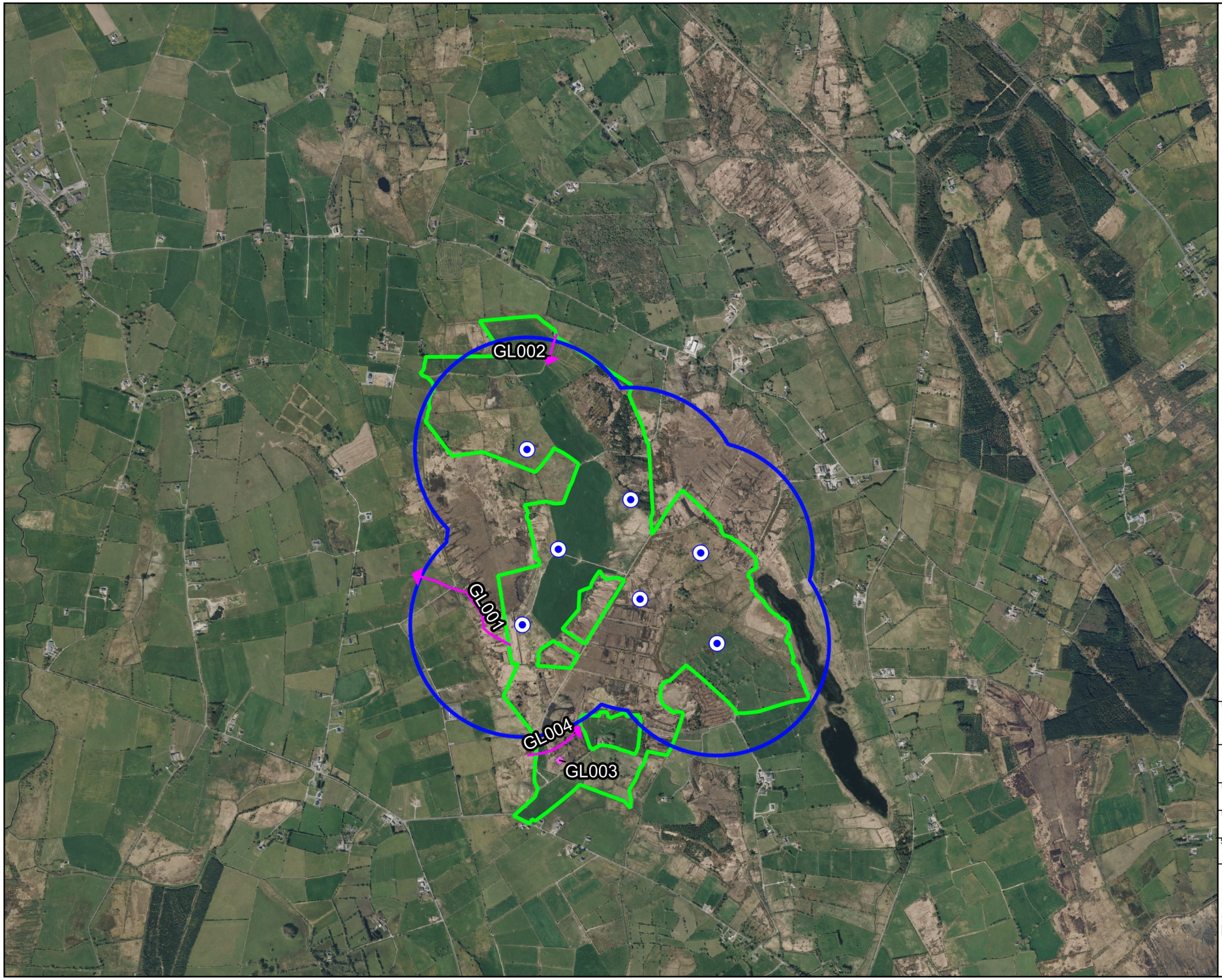

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Grey Wagtail Observations

Project Title
Cunlaghfadda
Green Energy Project

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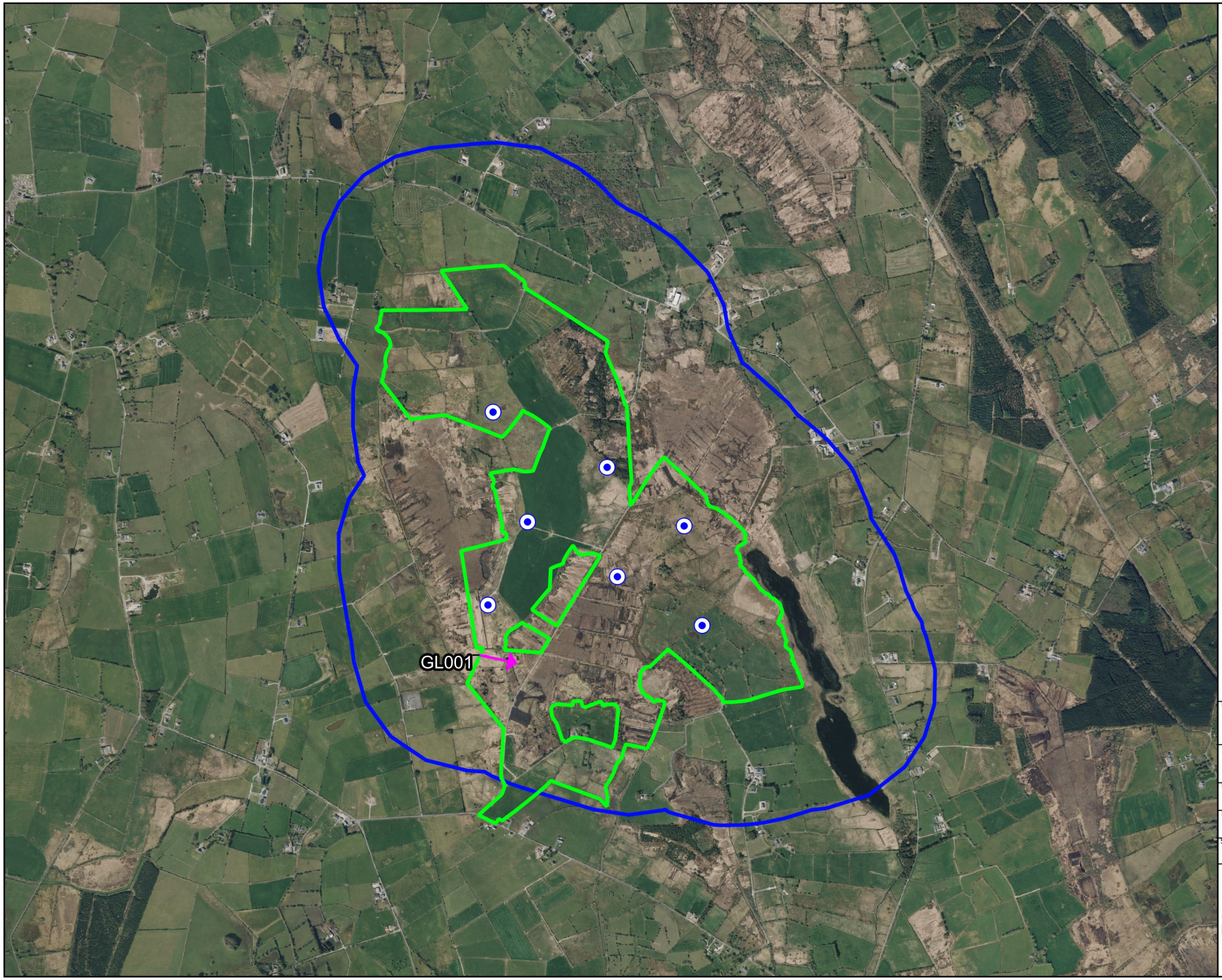

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Grey Wagtail Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 37
Scale	Date
1:20,000	20.03.26

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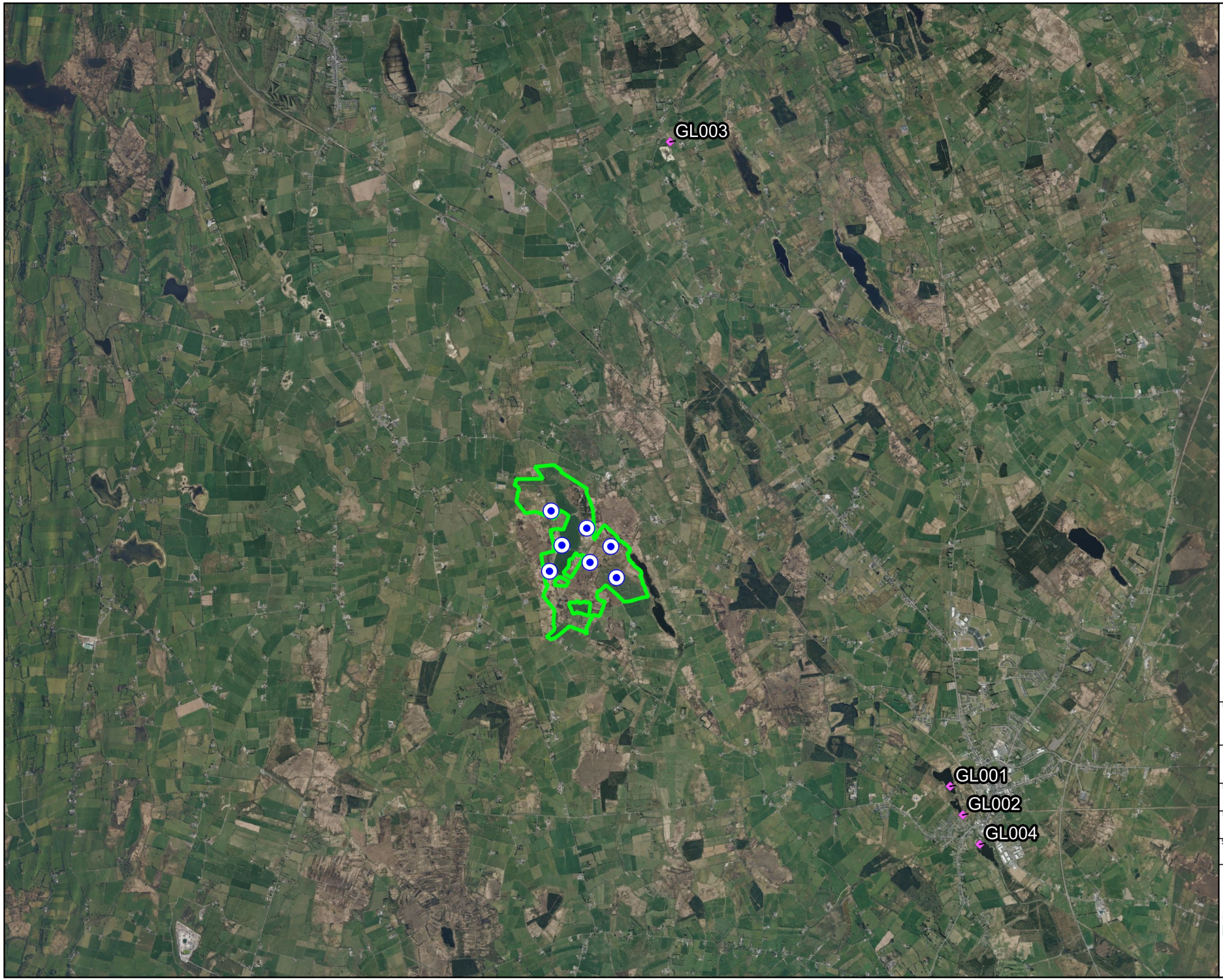

Map Legend

EIAR Site Boundary

Proposed Turbines

Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Grey Wagtail Observations

Project Title

Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 38
Scale	Date
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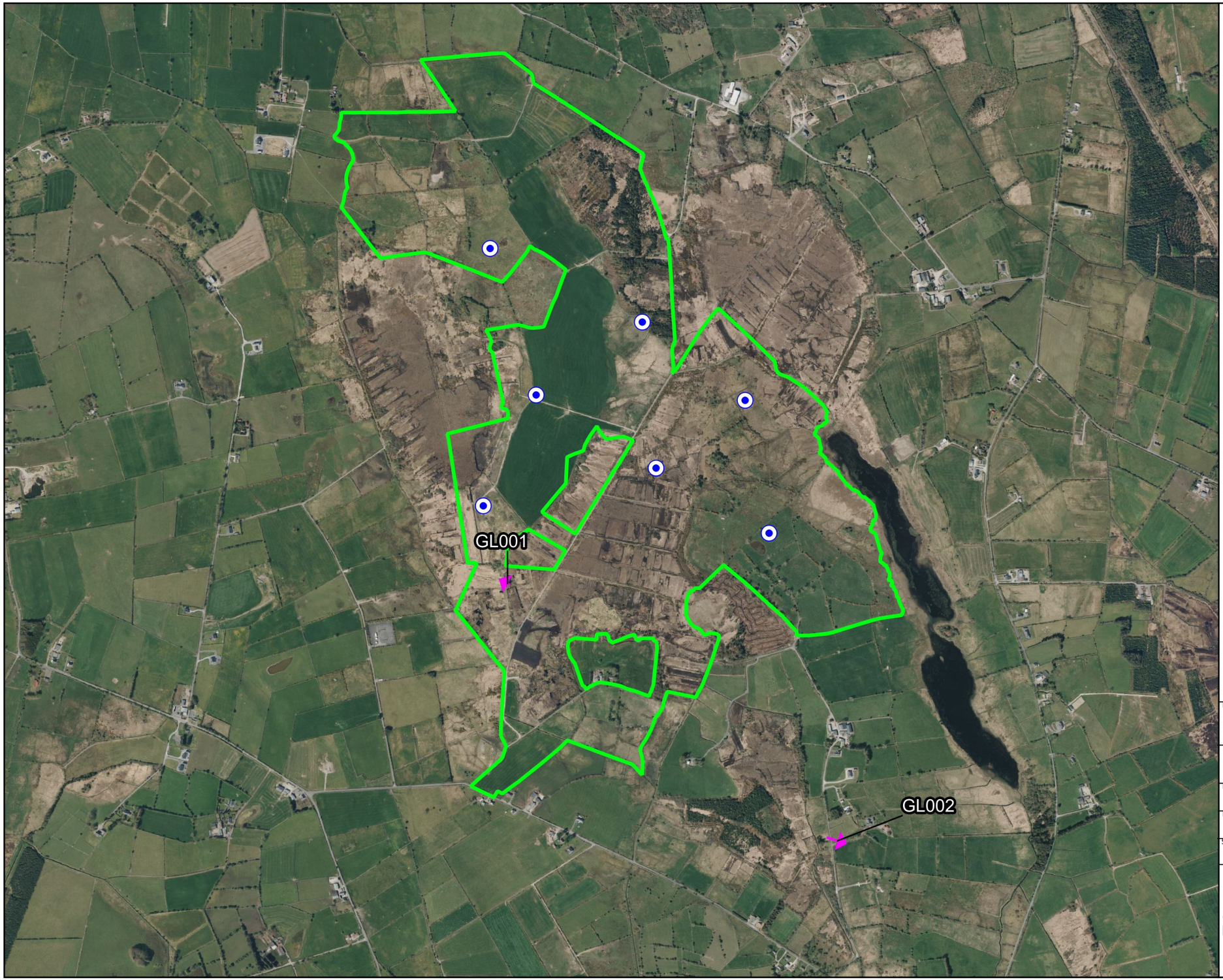

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Grey Wagtail Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 39
Scale	Date
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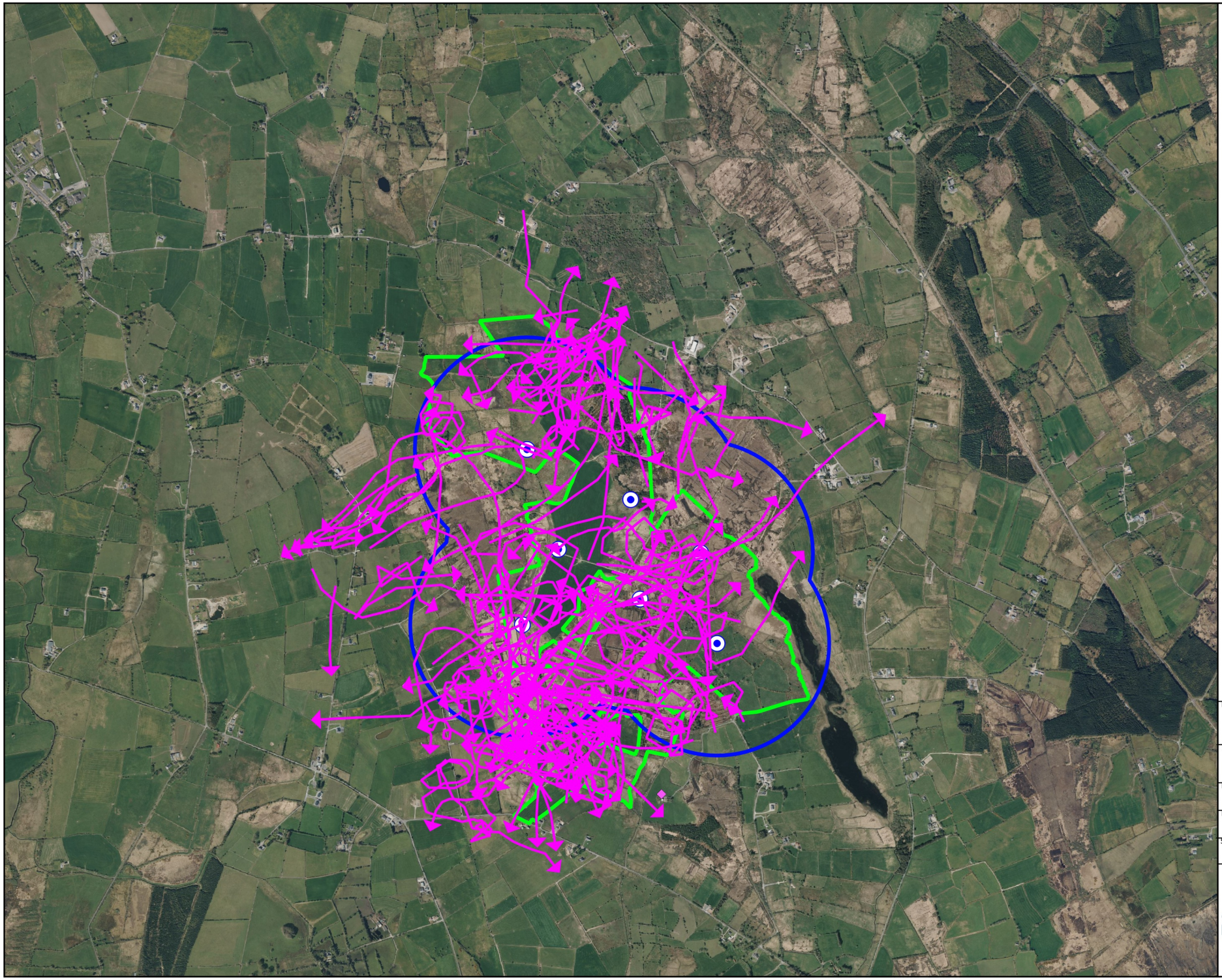

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Kestrel Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 40
Scale	Date
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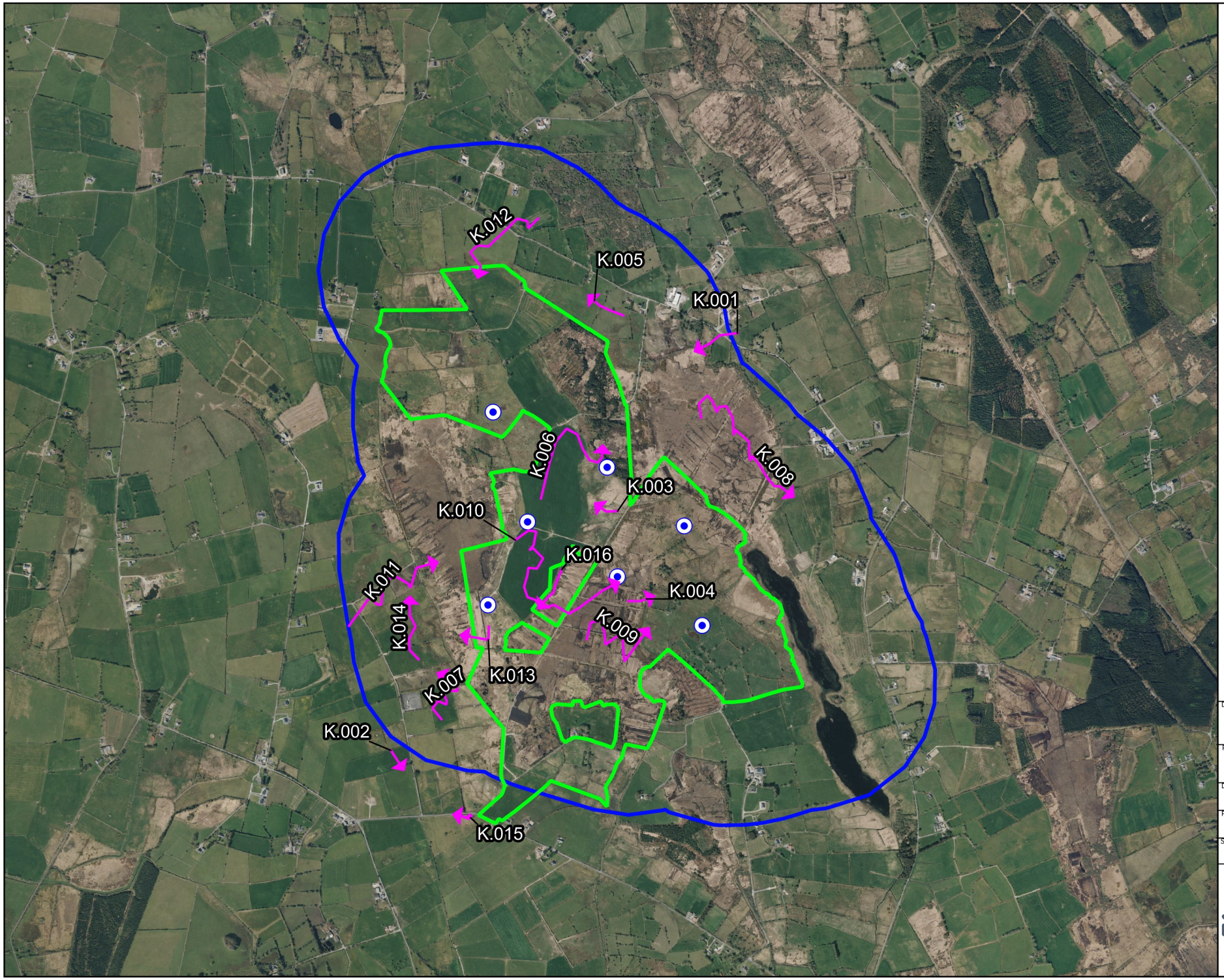

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Kestrel Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 41
Scale	Date
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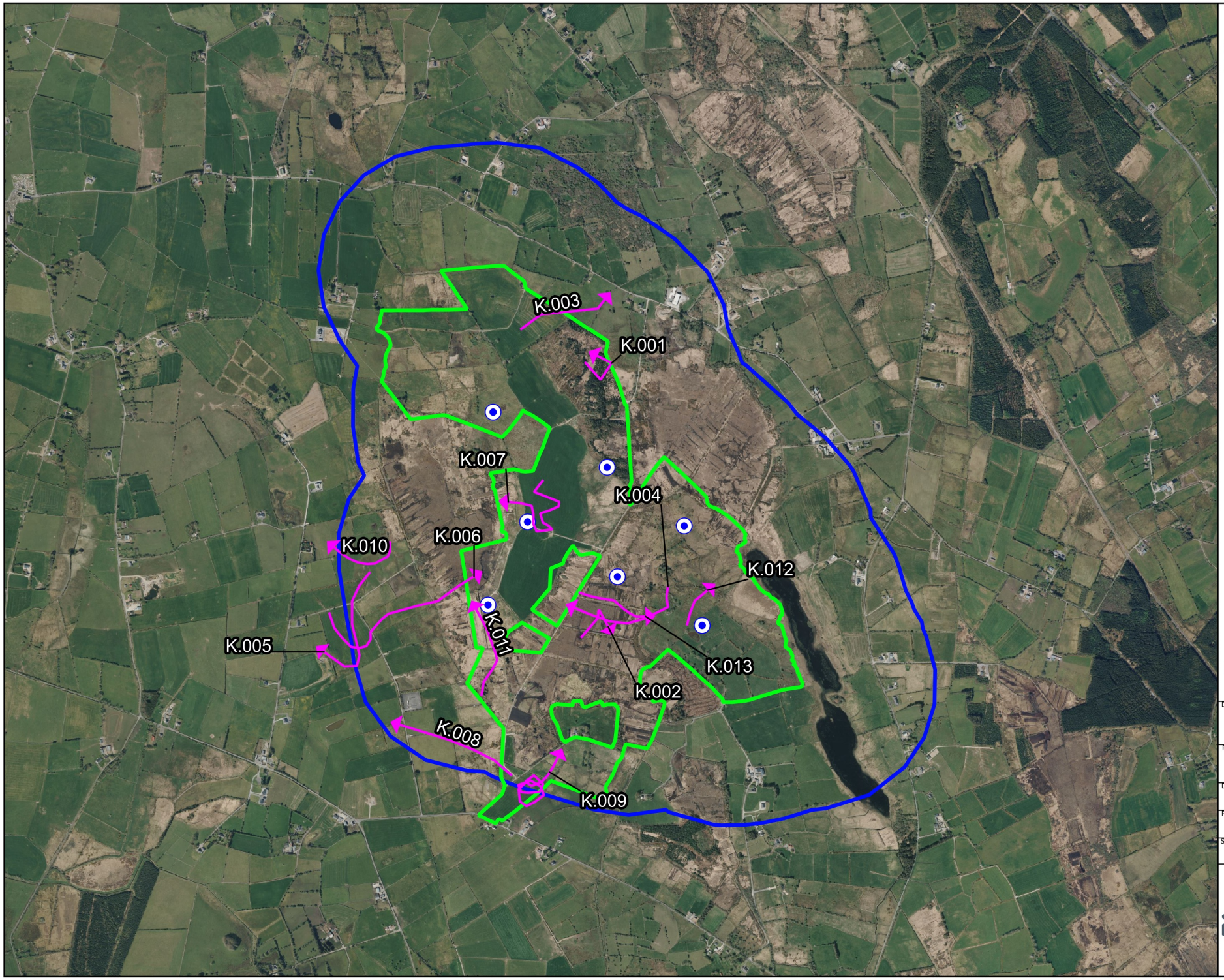

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Kestrel Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 42
Scale	Date
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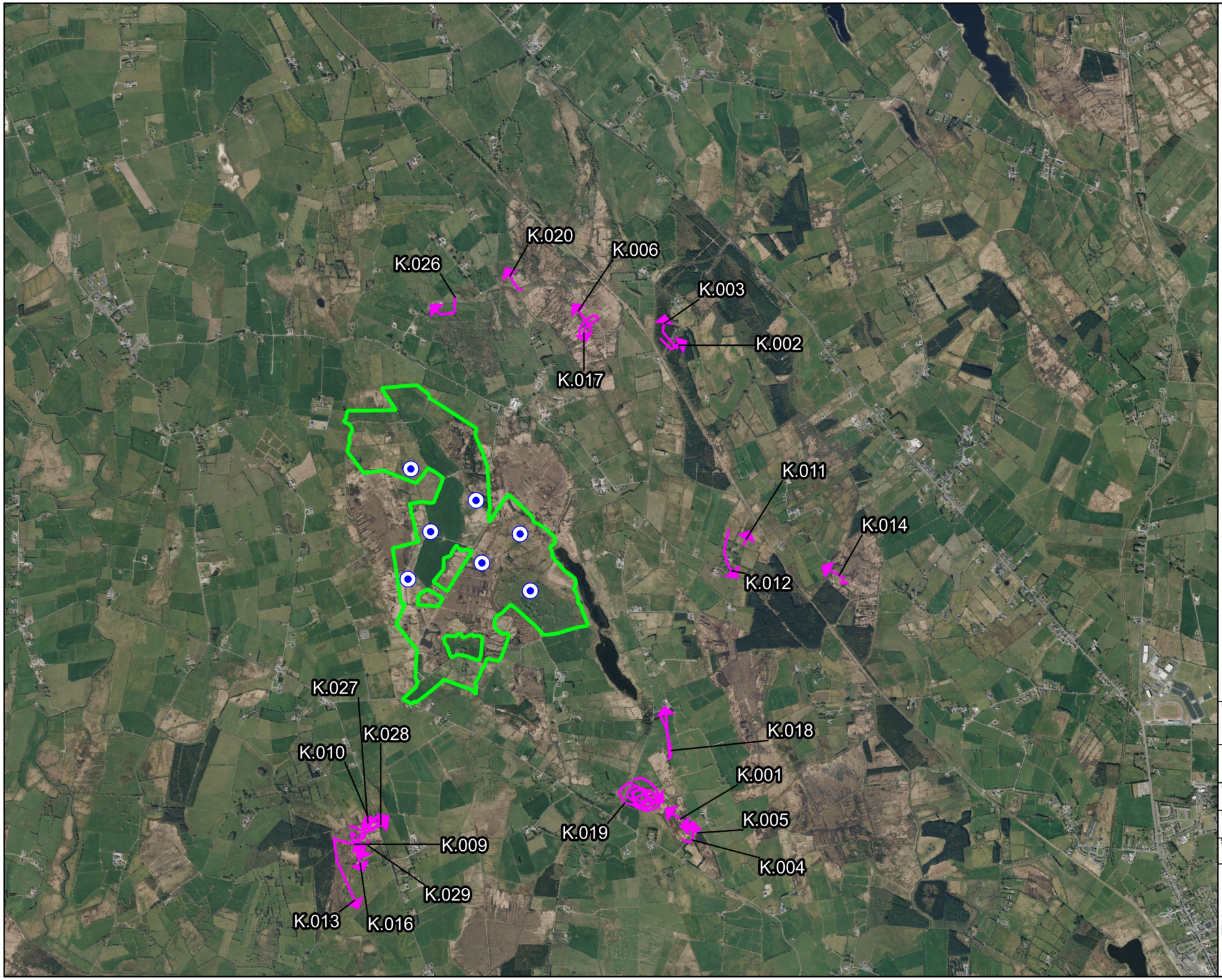

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Breeding Raptor Survey
Kestrel Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 43
Scale	Date
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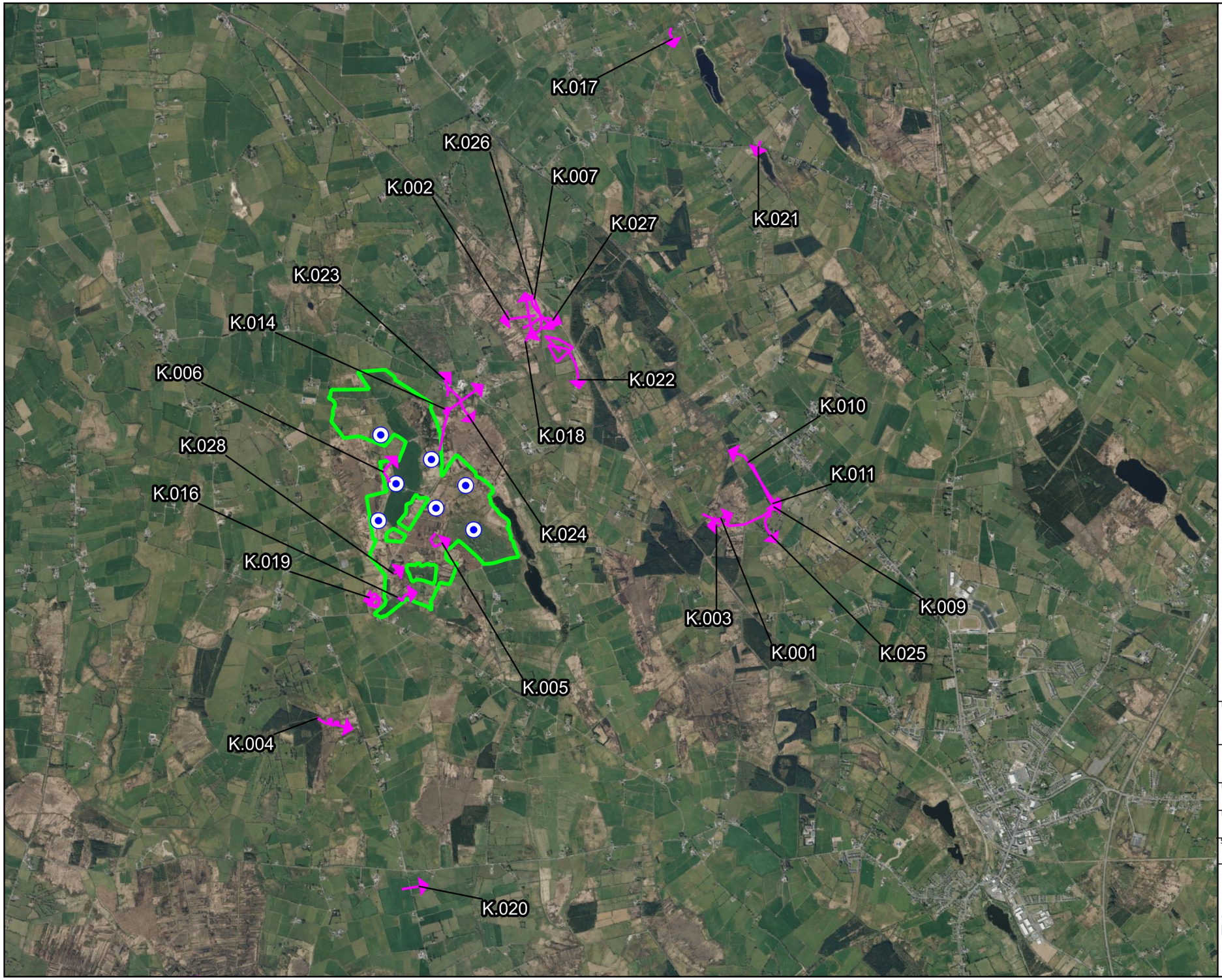

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Kestrel Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 44
Scale	Date
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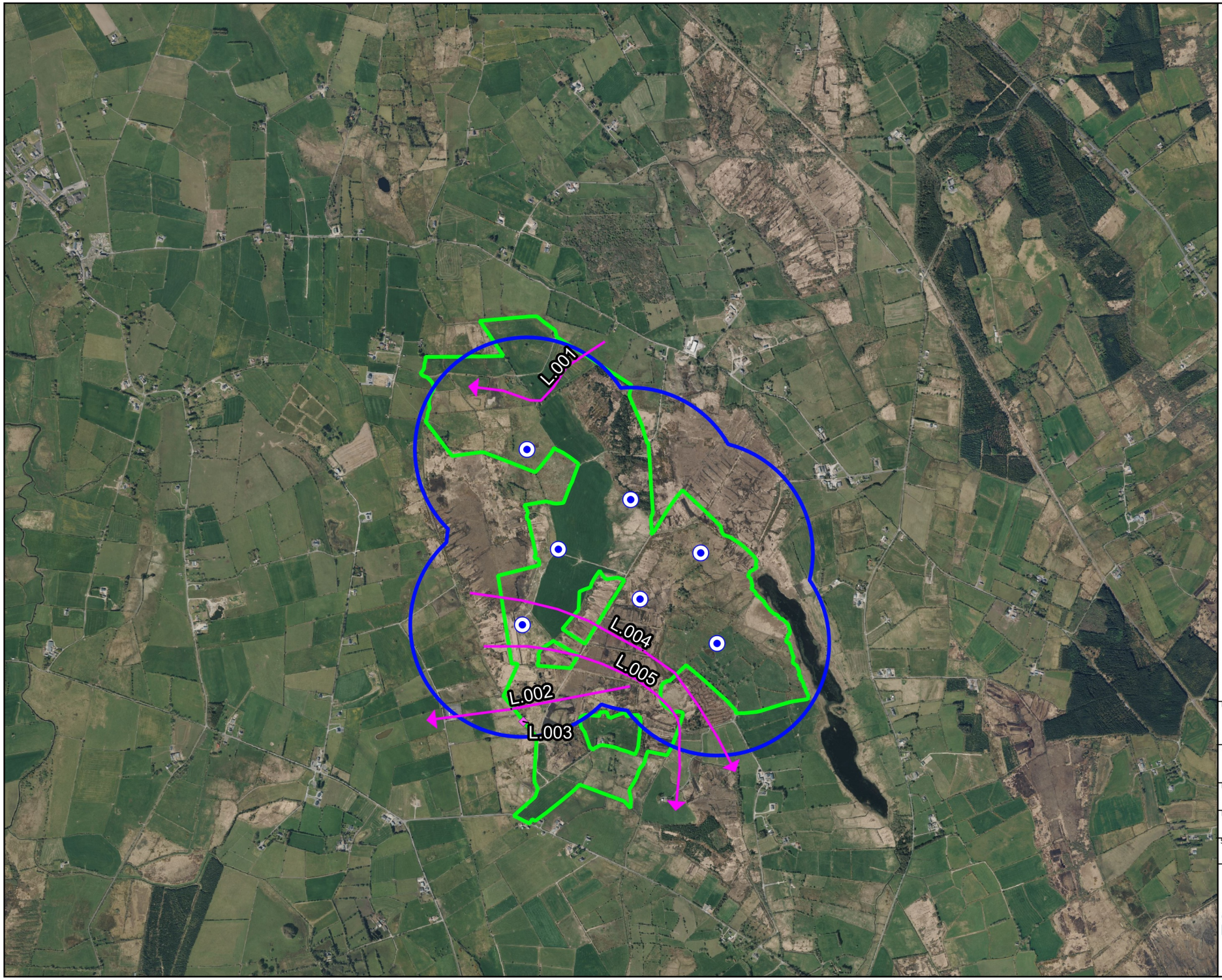

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Lapwing Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 45
Scale	Date
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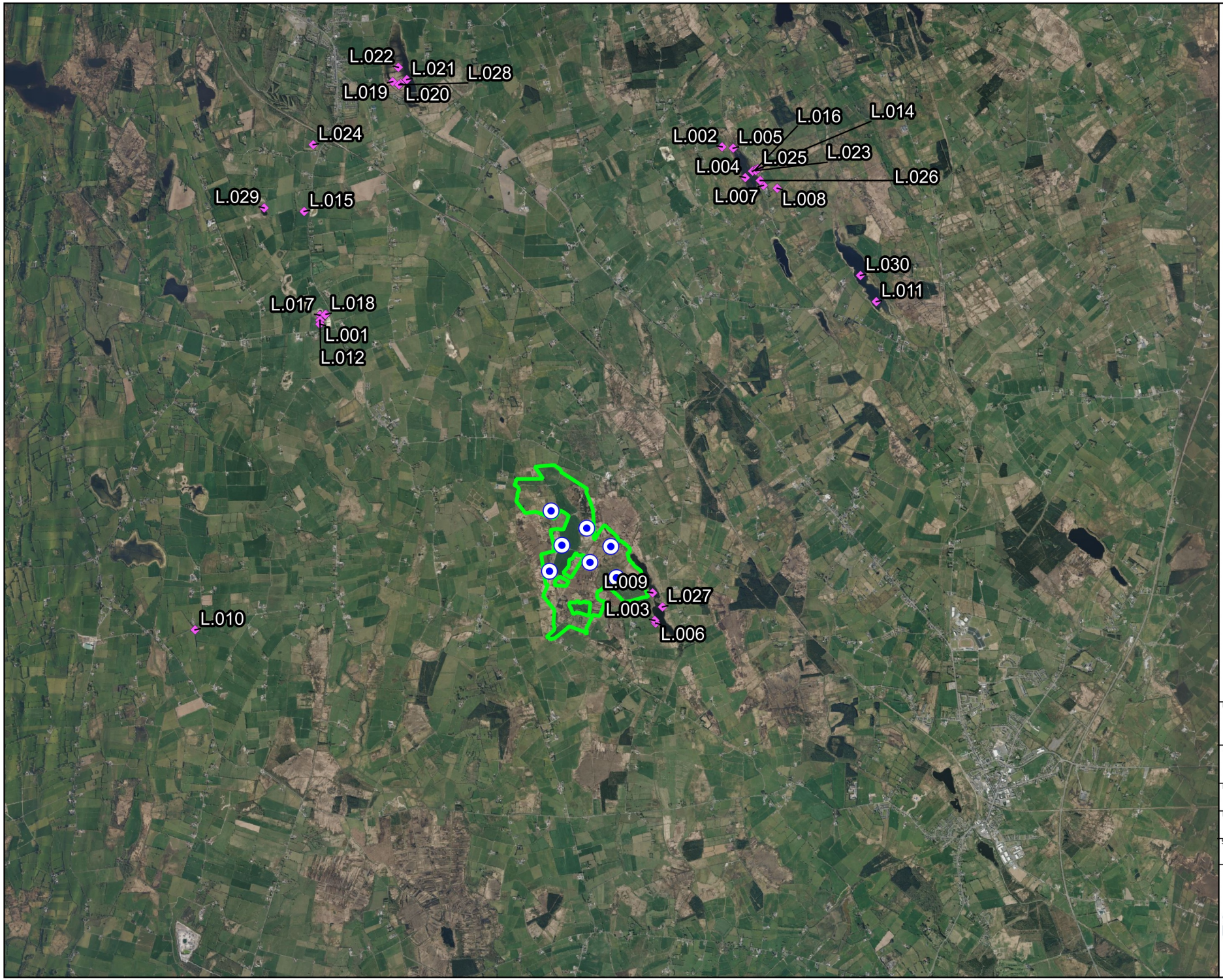

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Lapwing Observations

Project Title

Cunlaghfadda
Green Energy Project

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NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 46
Scale	Date
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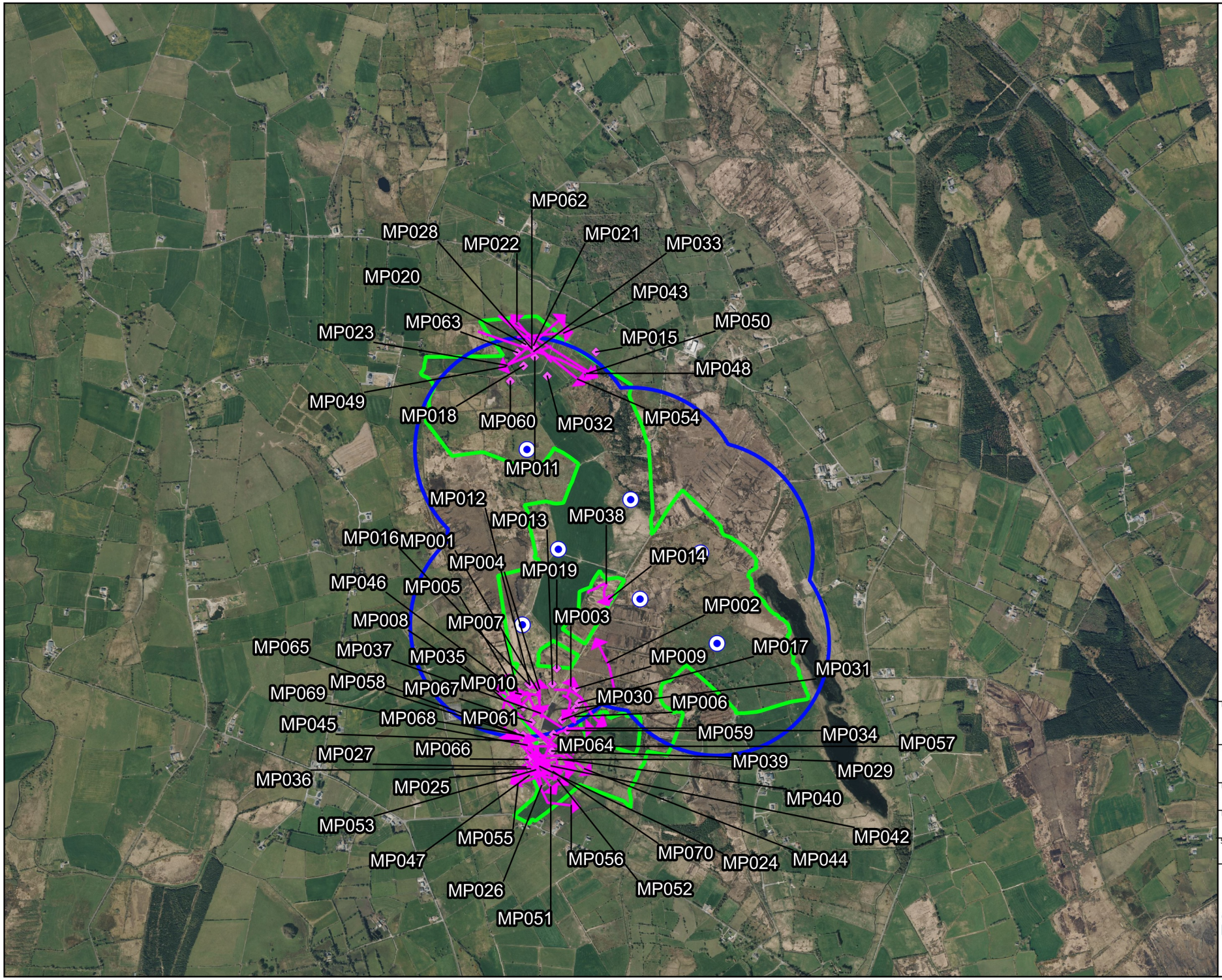

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Meadow Pipit Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 47
Scale	Date
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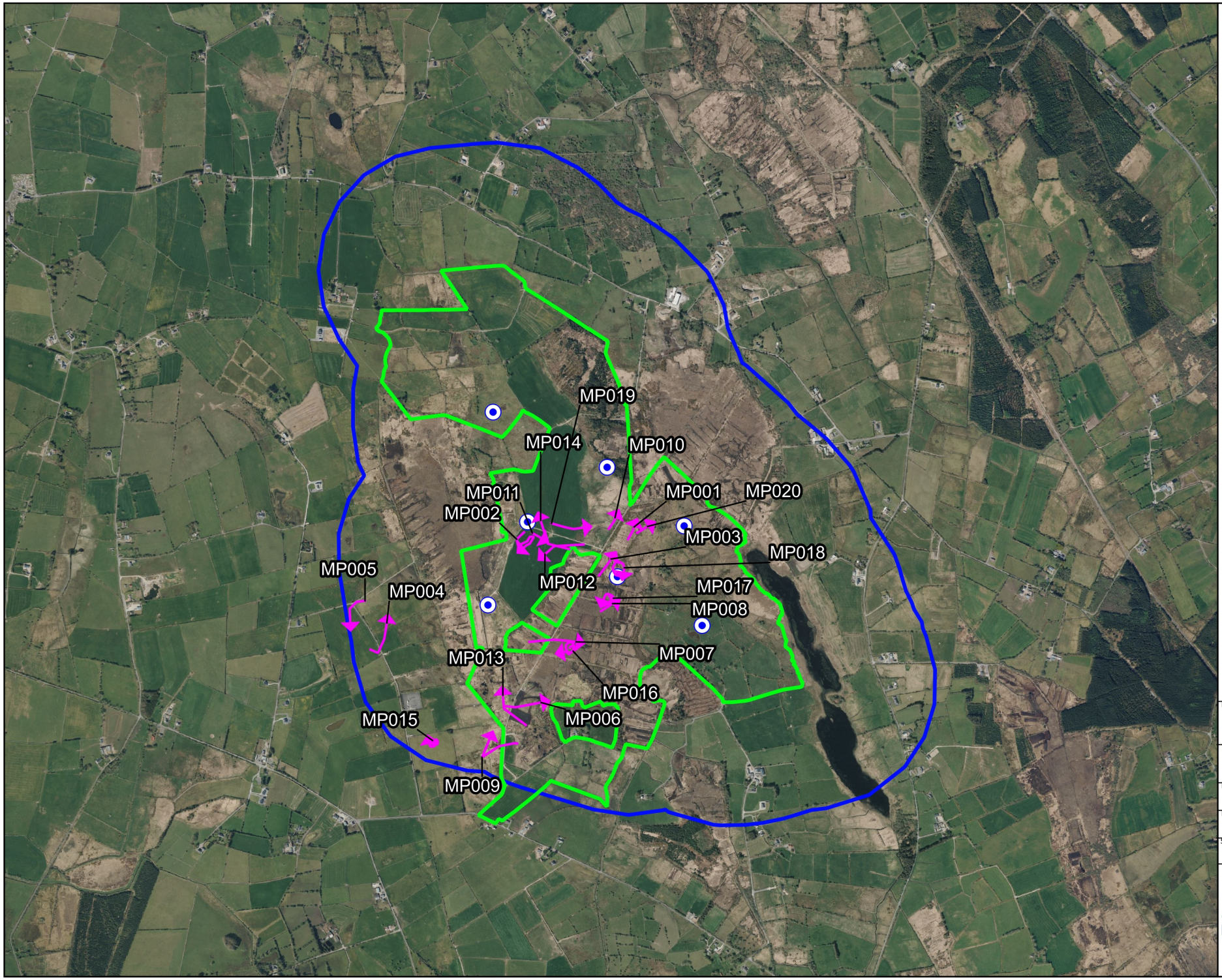

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Meadow Pipit Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 48
Scale	Date
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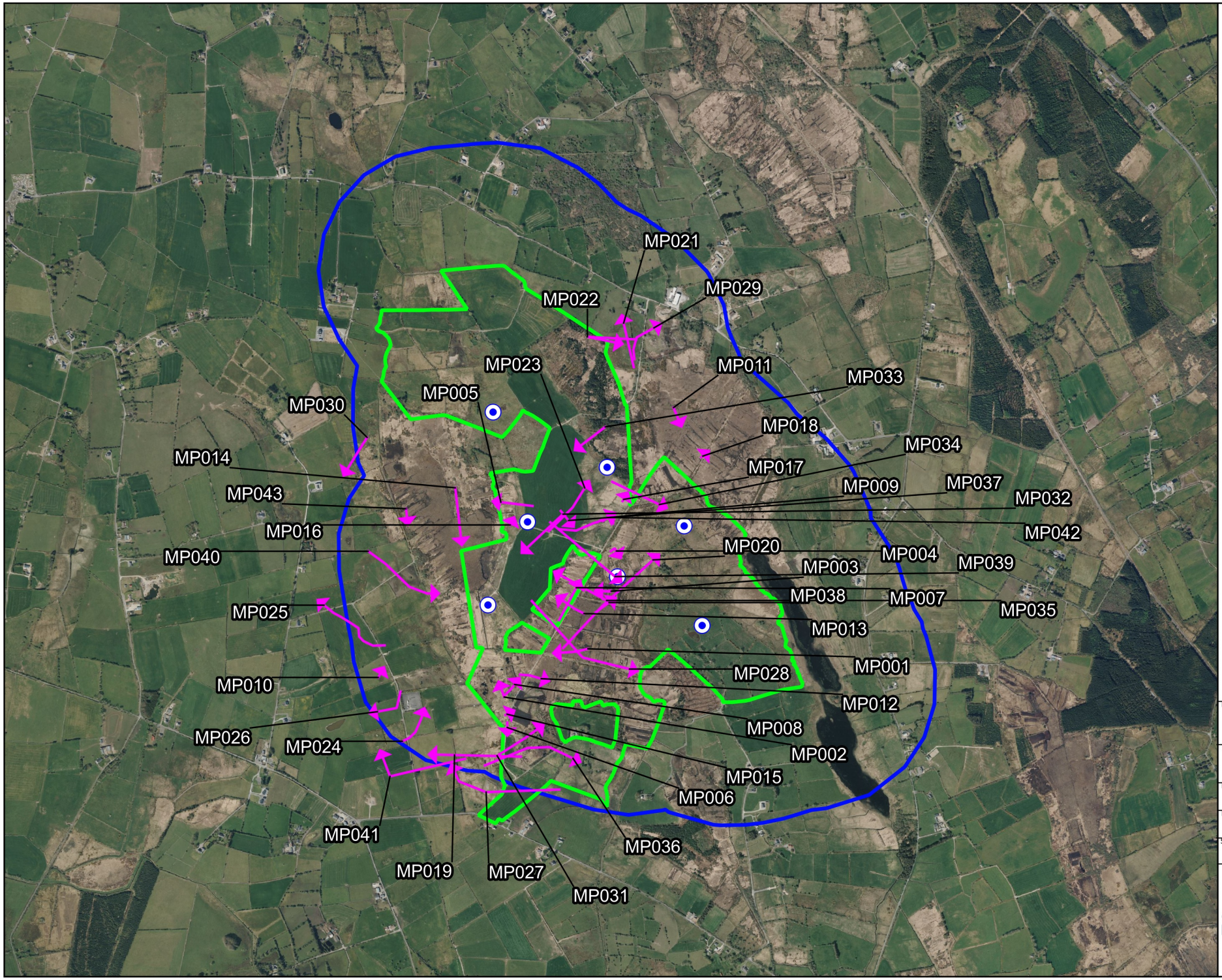

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Meadow Pipit Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 49
Scale	Date
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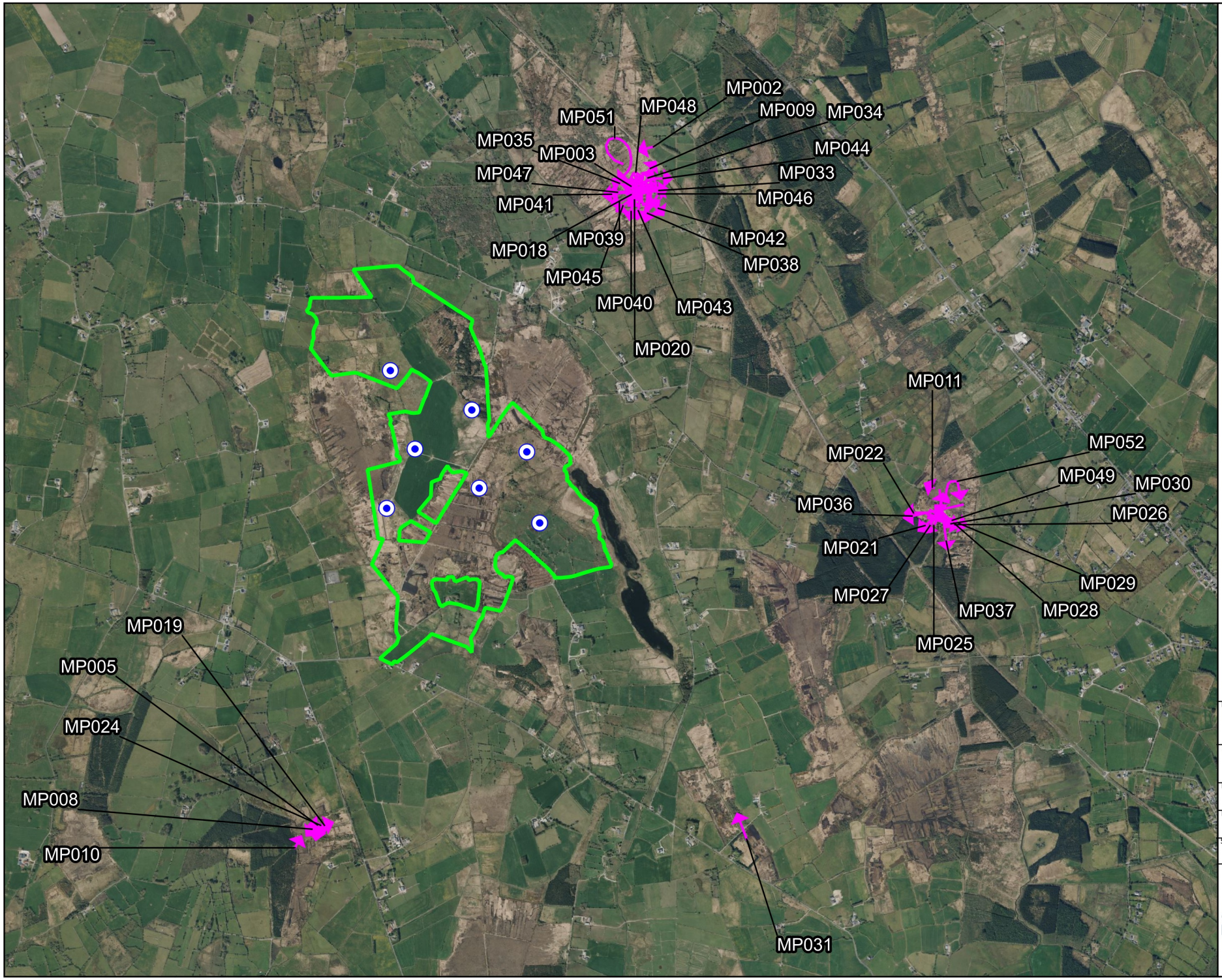

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Meadow Pipit Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 50
Scale	Date
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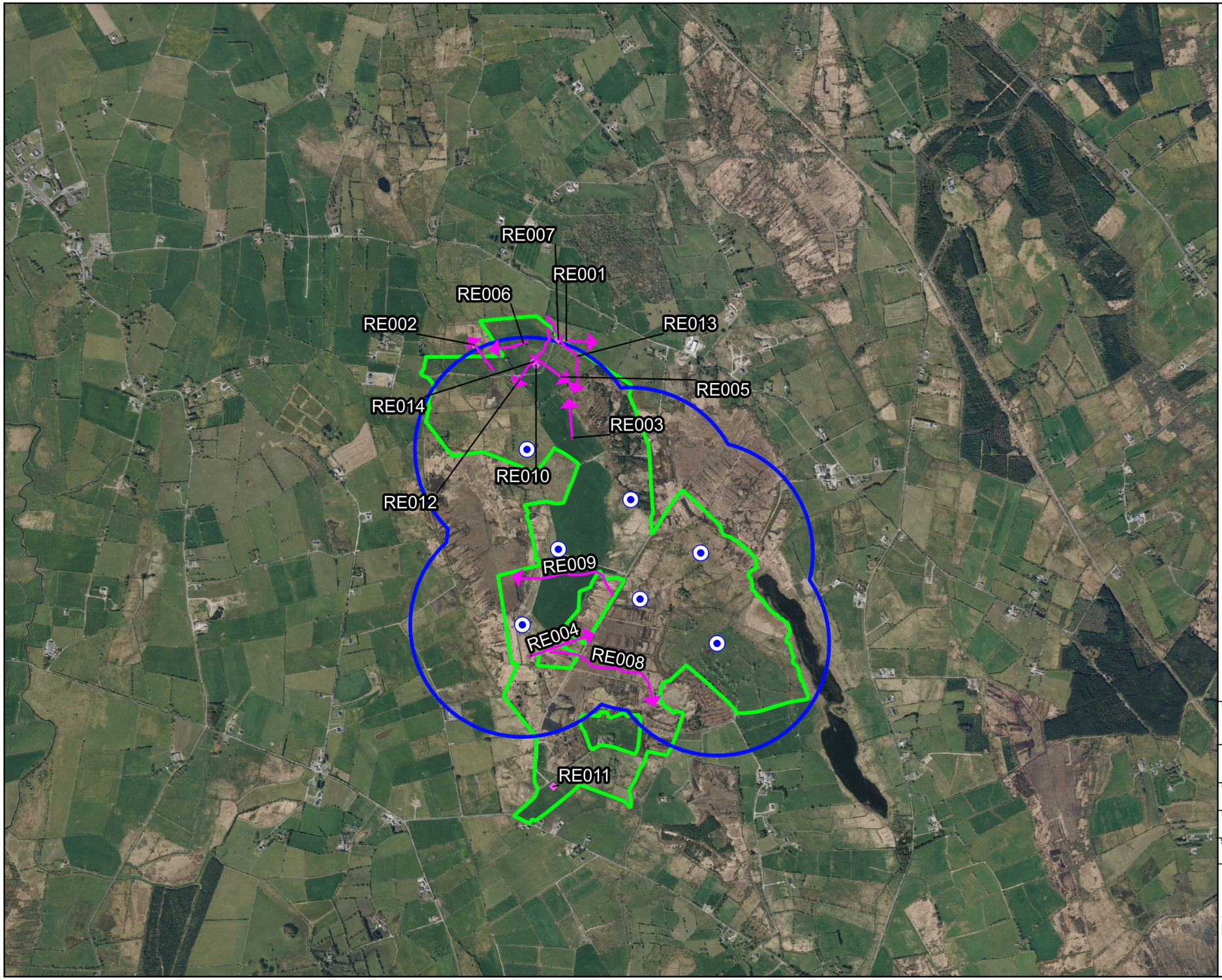

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title	Vantage Point Survey Redwing Observations
Project Title	Cunlaghfadda Green Energy Project
Drawn By: NL	Checked By: PM
Project No.: 220825	Drawing No.: Fig. 7 - 4 - 51
Scale: 1:22,000	Date: 20.03.26

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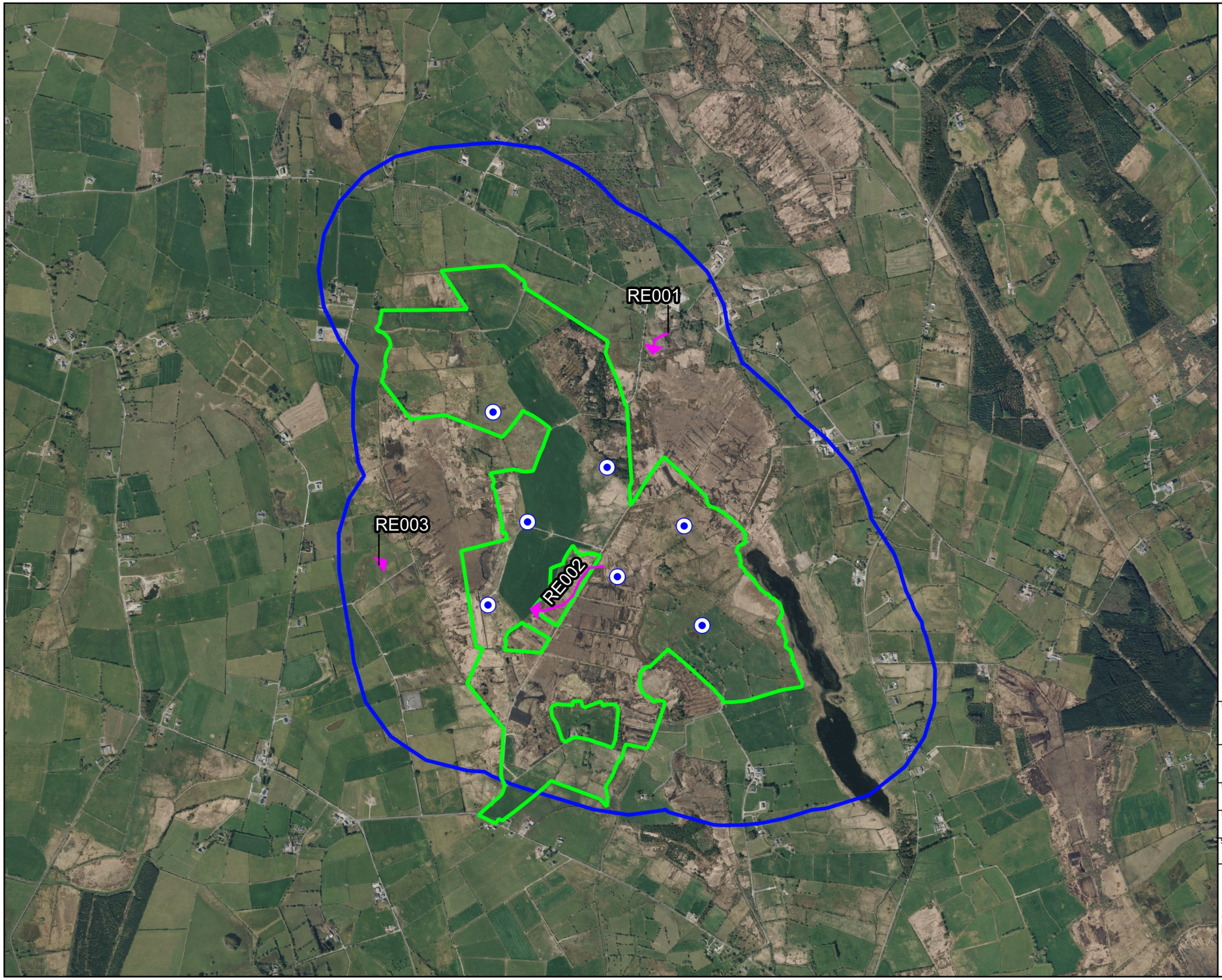

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Redwing Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 52
Scale	Date
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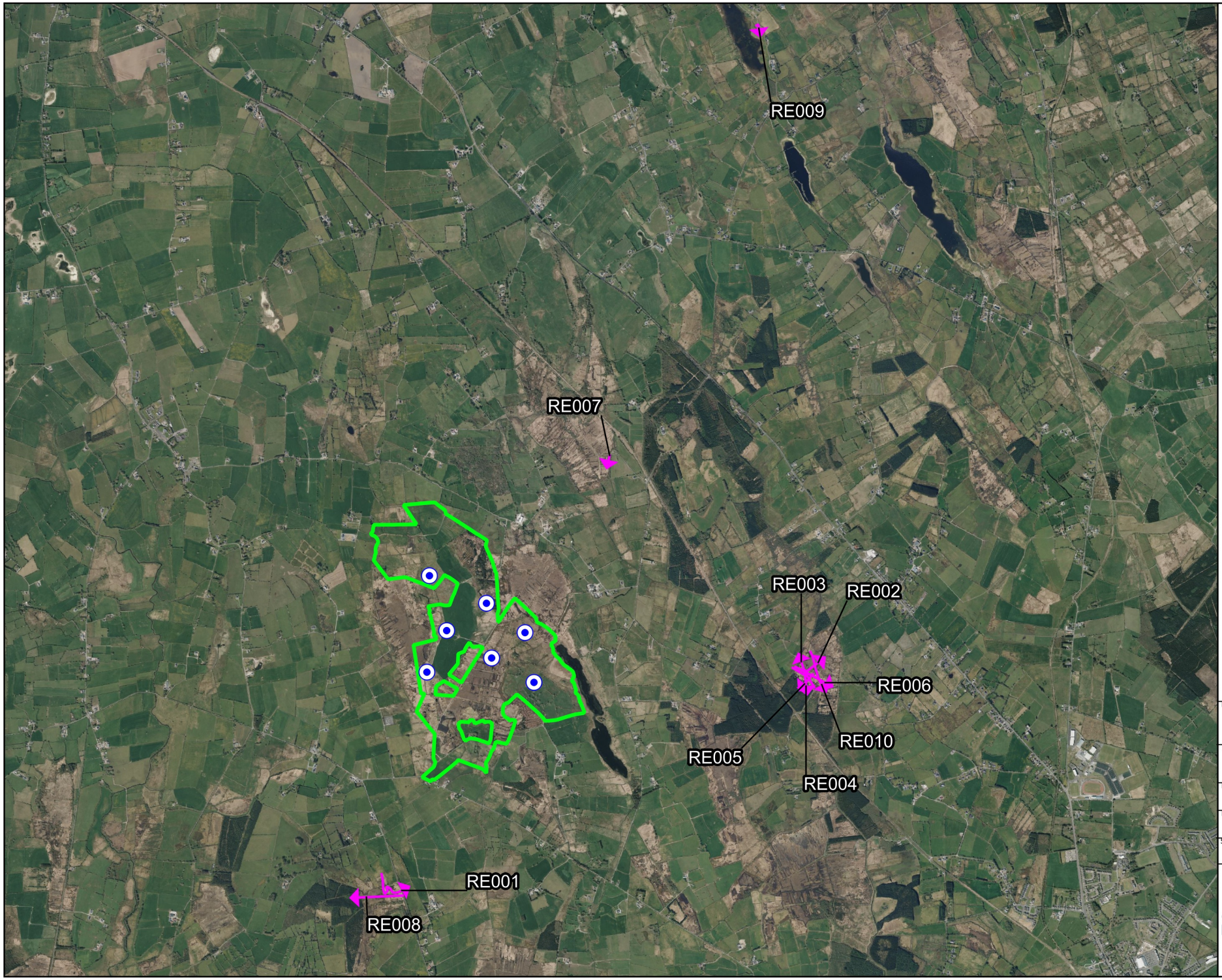

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Redwing Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
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Scale	Date
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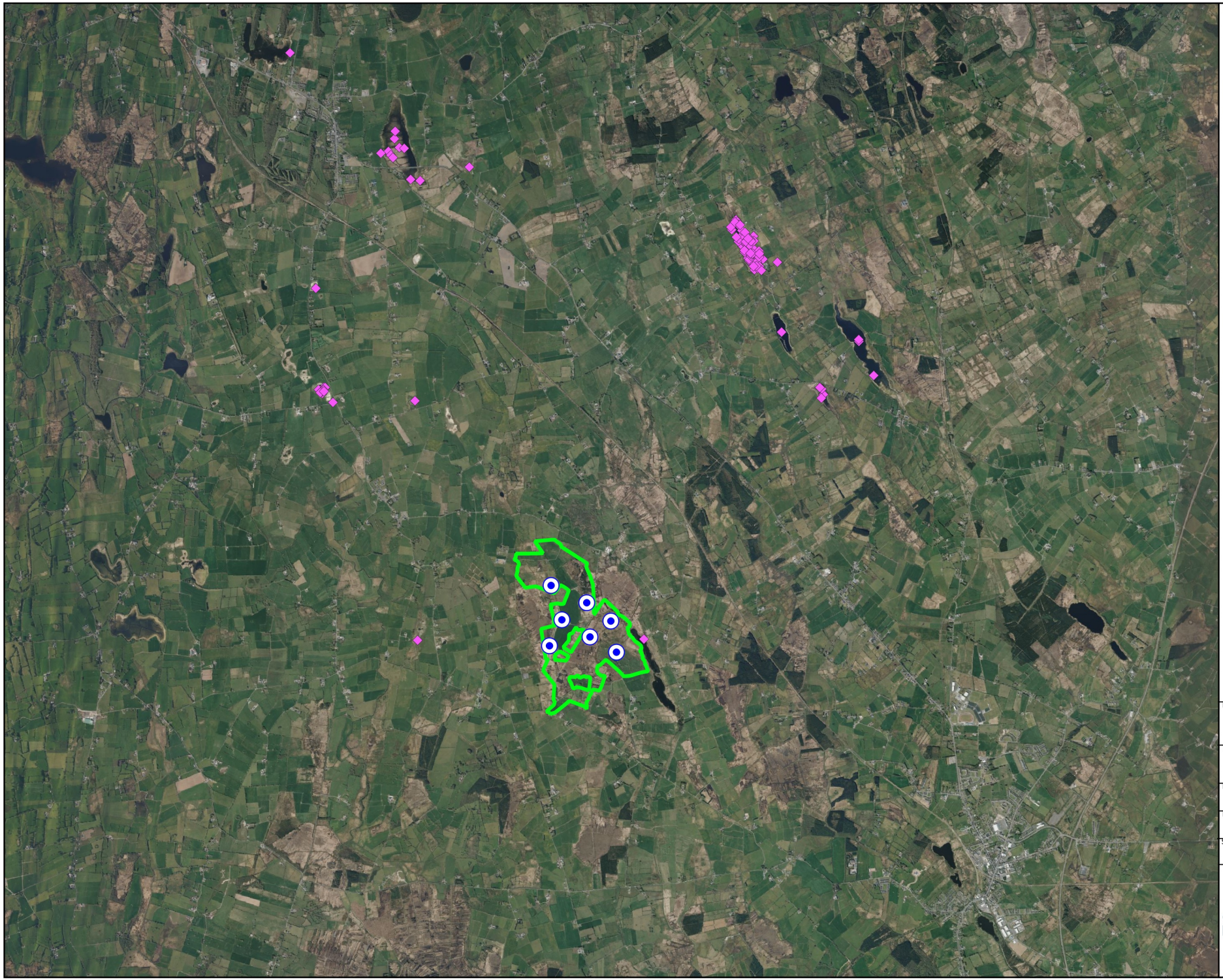

Drawing Title

Waterbird Distribution and Abundance Survey
Shoveler Observations

Project Title

Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
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Scale	Date
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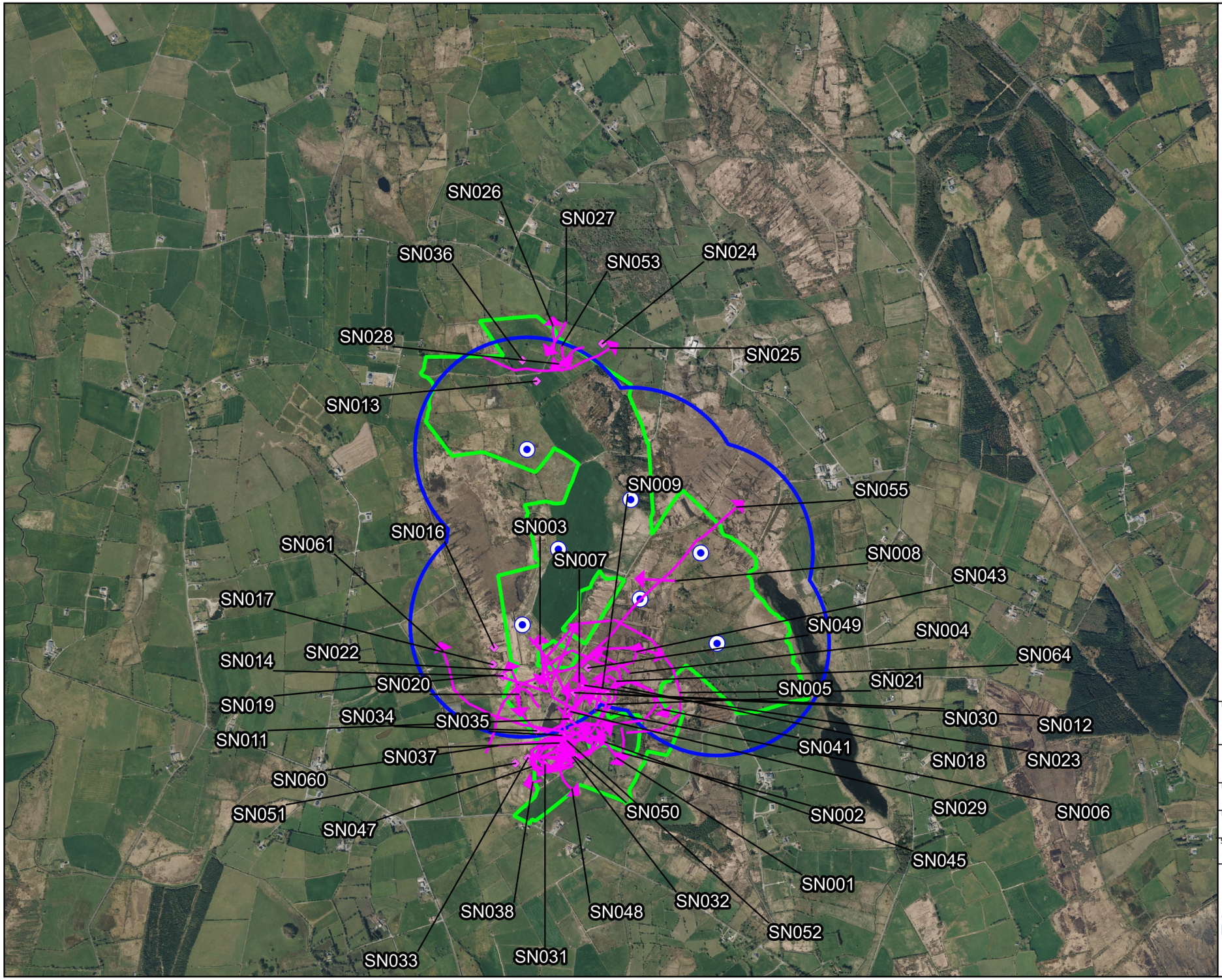

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Snipe Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
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Scale	Date
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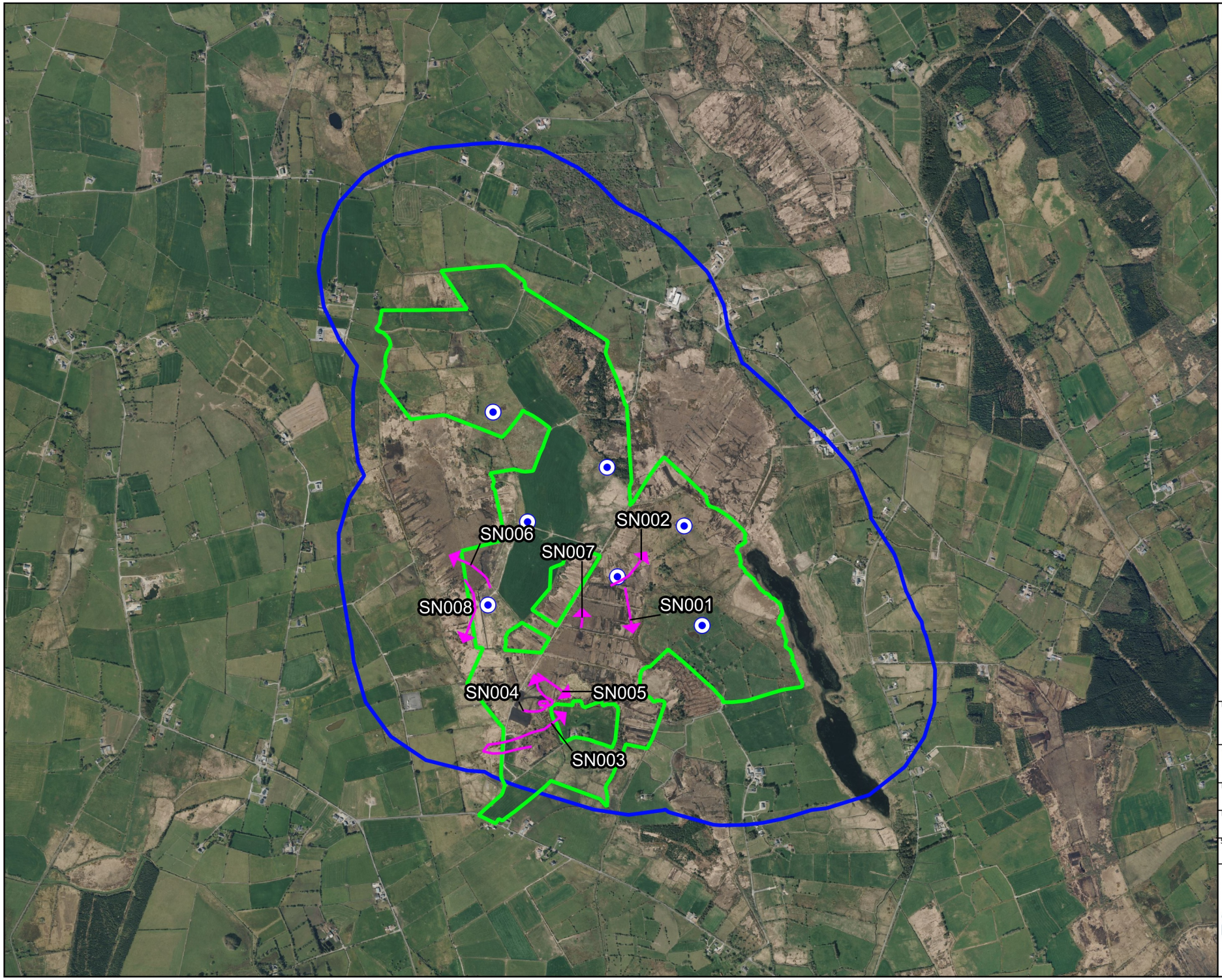

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Snipe Observations

Project Title
Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
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Scale	Date
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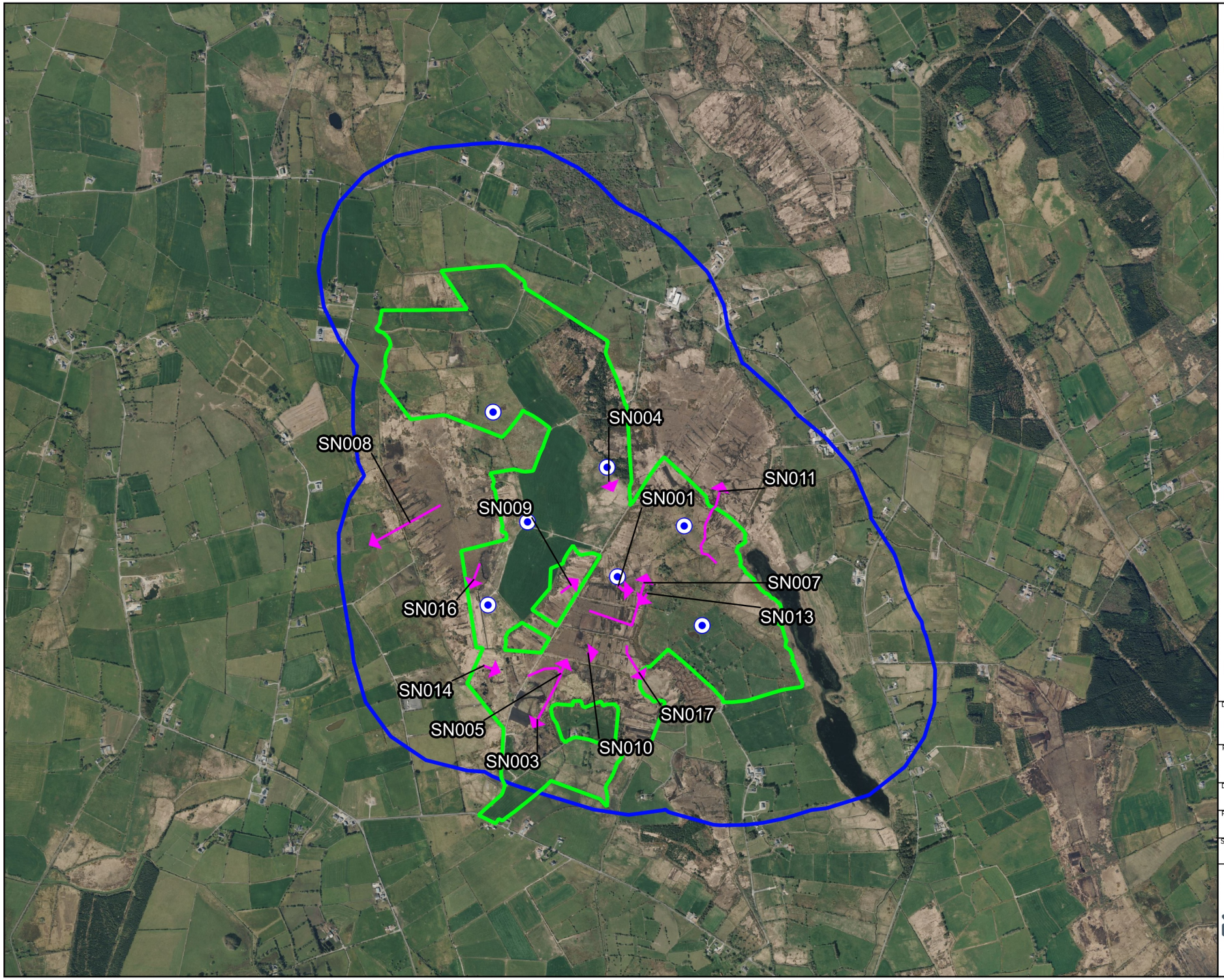

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Snipe Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
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Scale	Date
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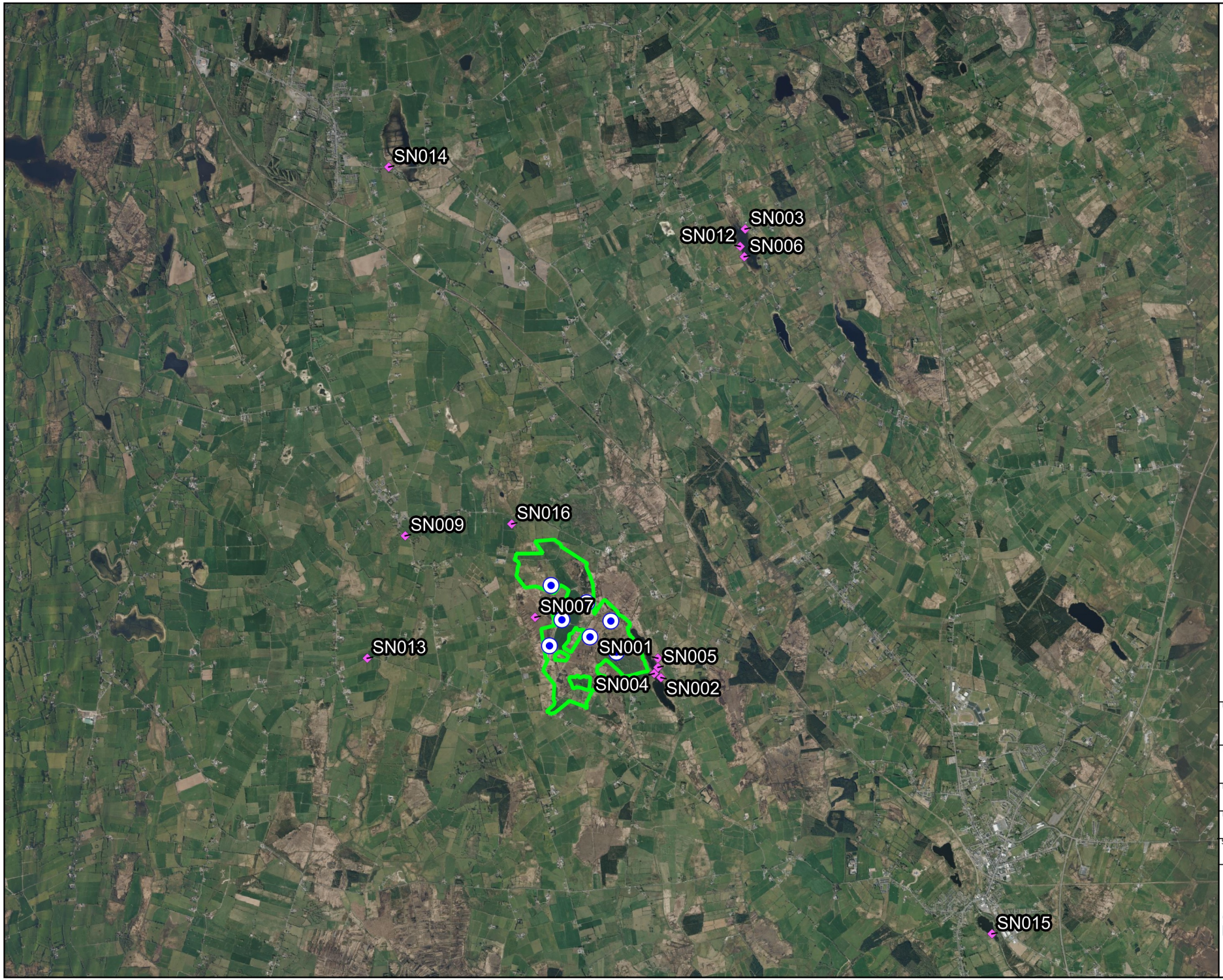

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Species Observation

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Drawing Title

Waterbird Distribution and Abundance Survey
Snipe Observations

Project Title

Cunlaghfadda
Green Energy Project

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Project No.	Drawing No.
220825	Fig. 7 - 4 - 58
Scale	Date
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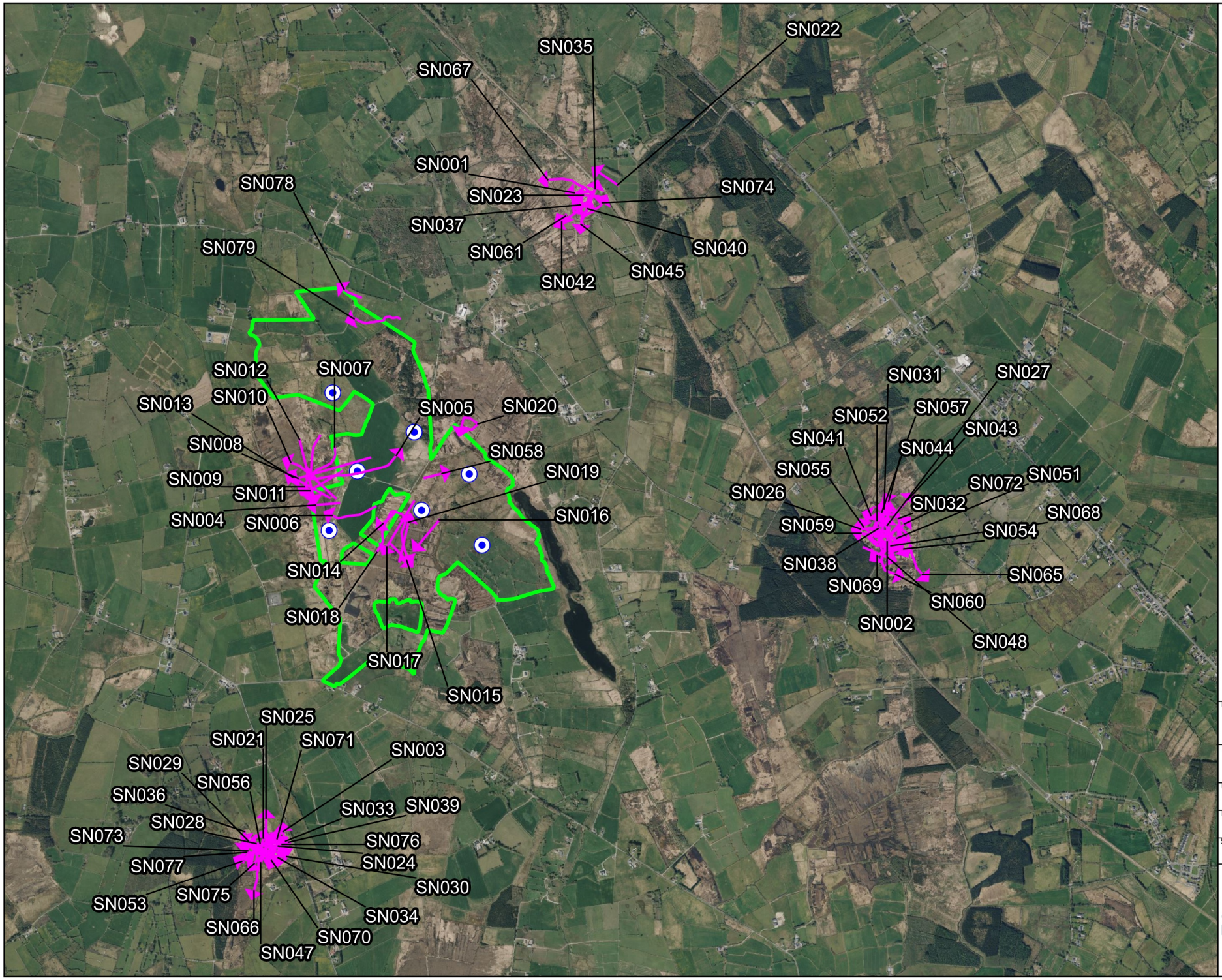

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Snipe Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
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Scale	Date
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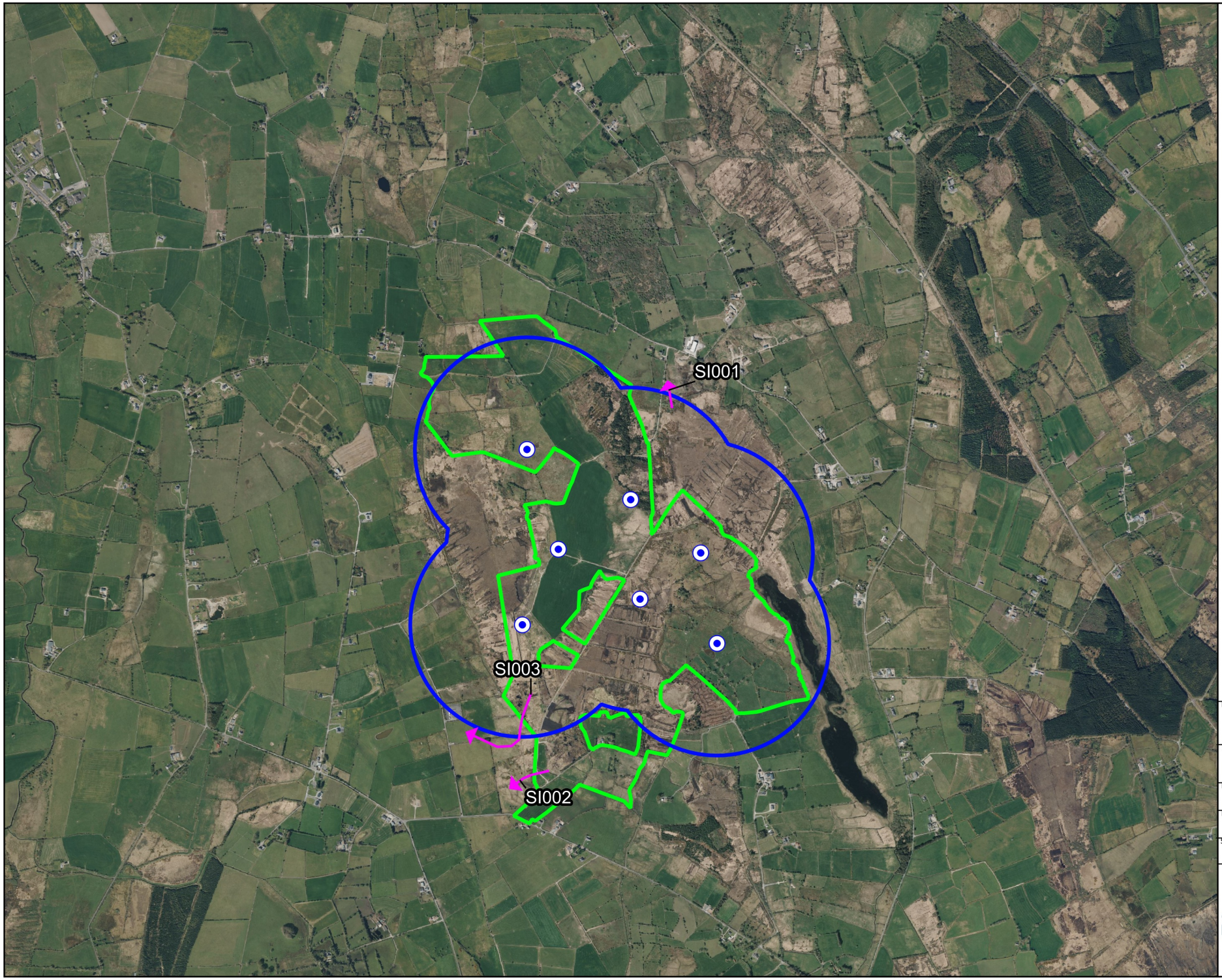

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation
- Non-flight Observation

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Drawing Title
Vantage Point Survey
Swift Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 60
Scale	Date
1:22,000	20.03.26

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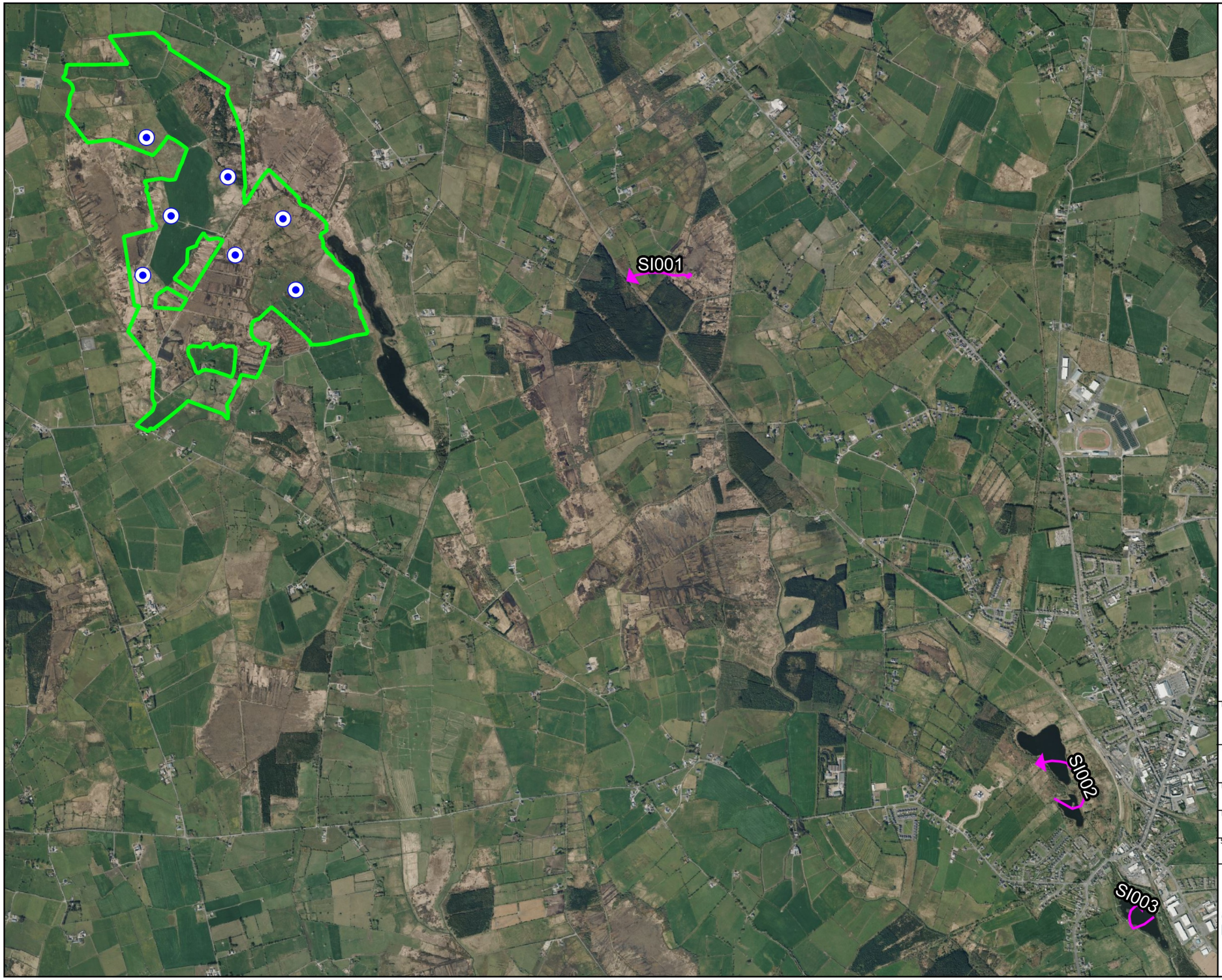

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Swift Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 61
Scale	Date
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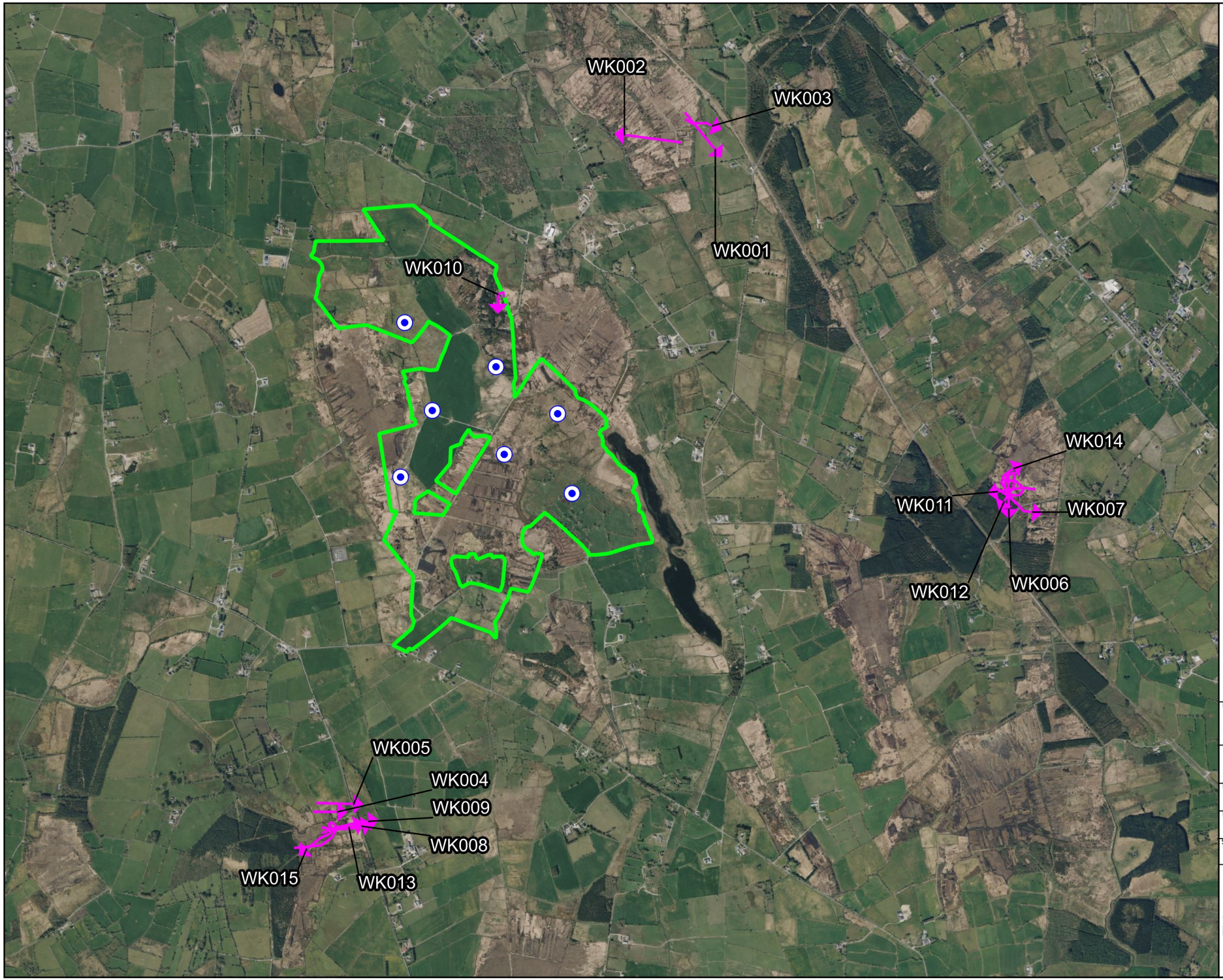

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Woodcock Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 62
Scale	Date
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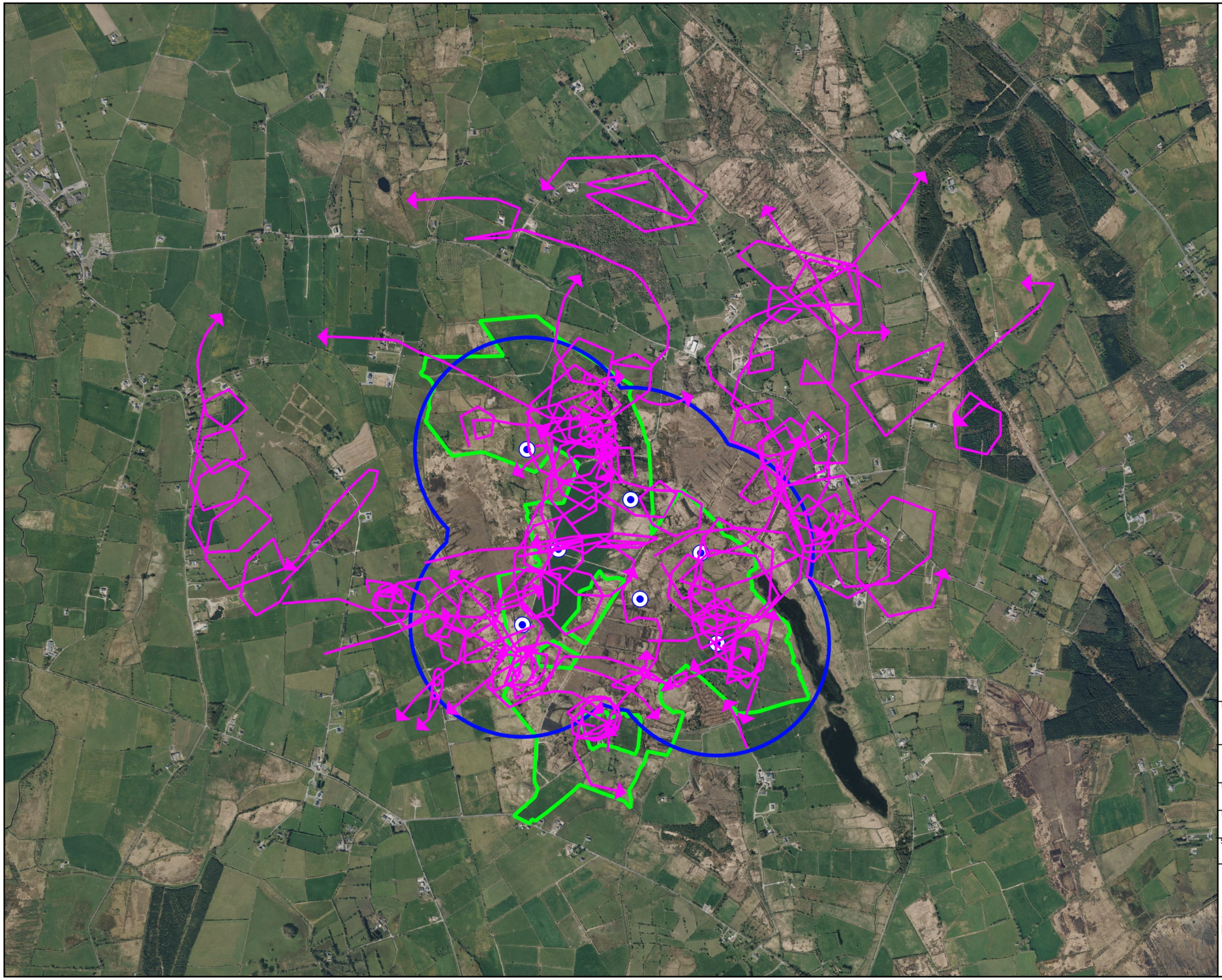

Drawing Title
Vantage Point Survey
Buzzard Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 63
Scale	Date
1:22,000	20.03.26

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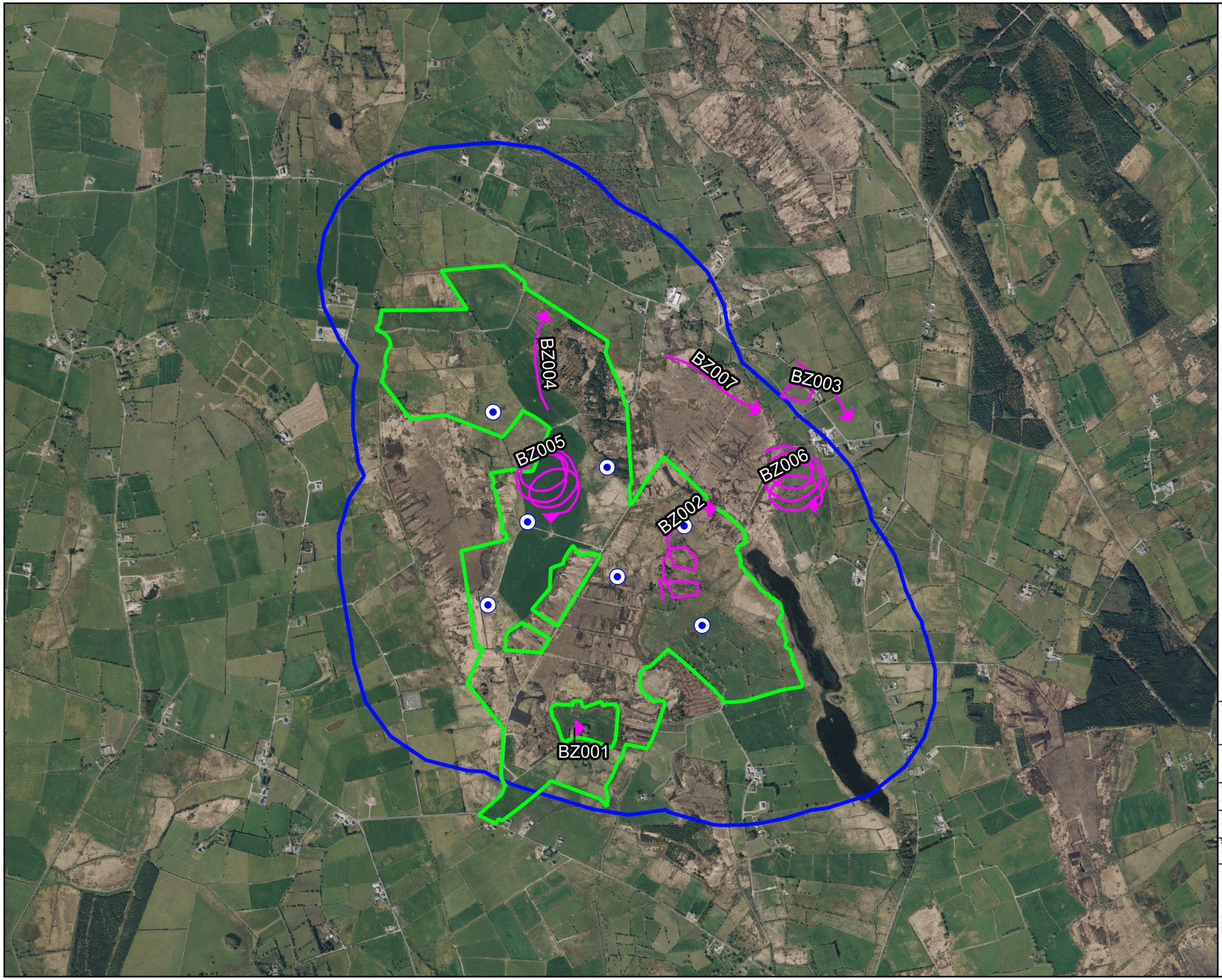

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Winter Walkover Survey
Buzzard Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 64
Scale	Date
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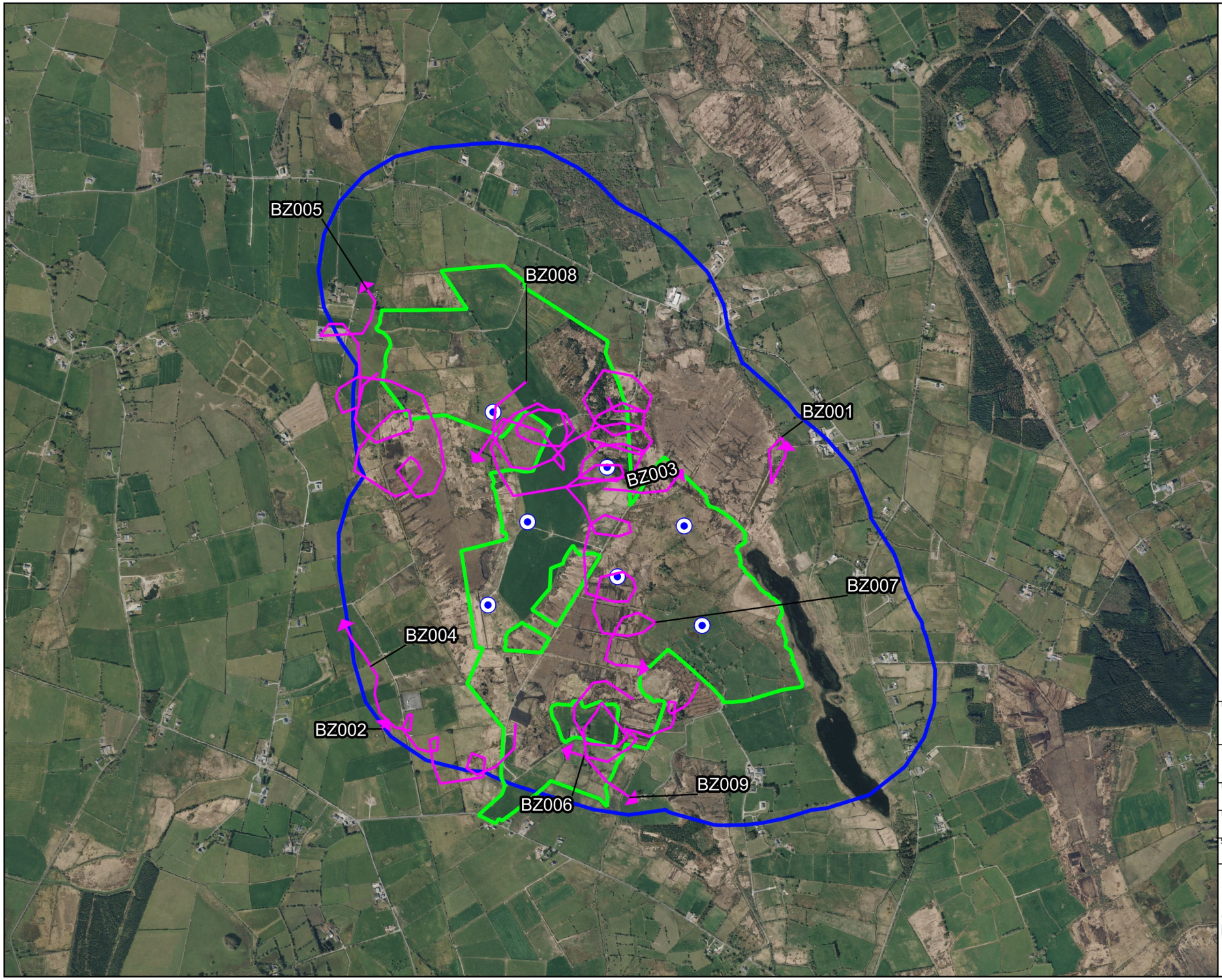

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Buzzard Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 65
Scale	Date
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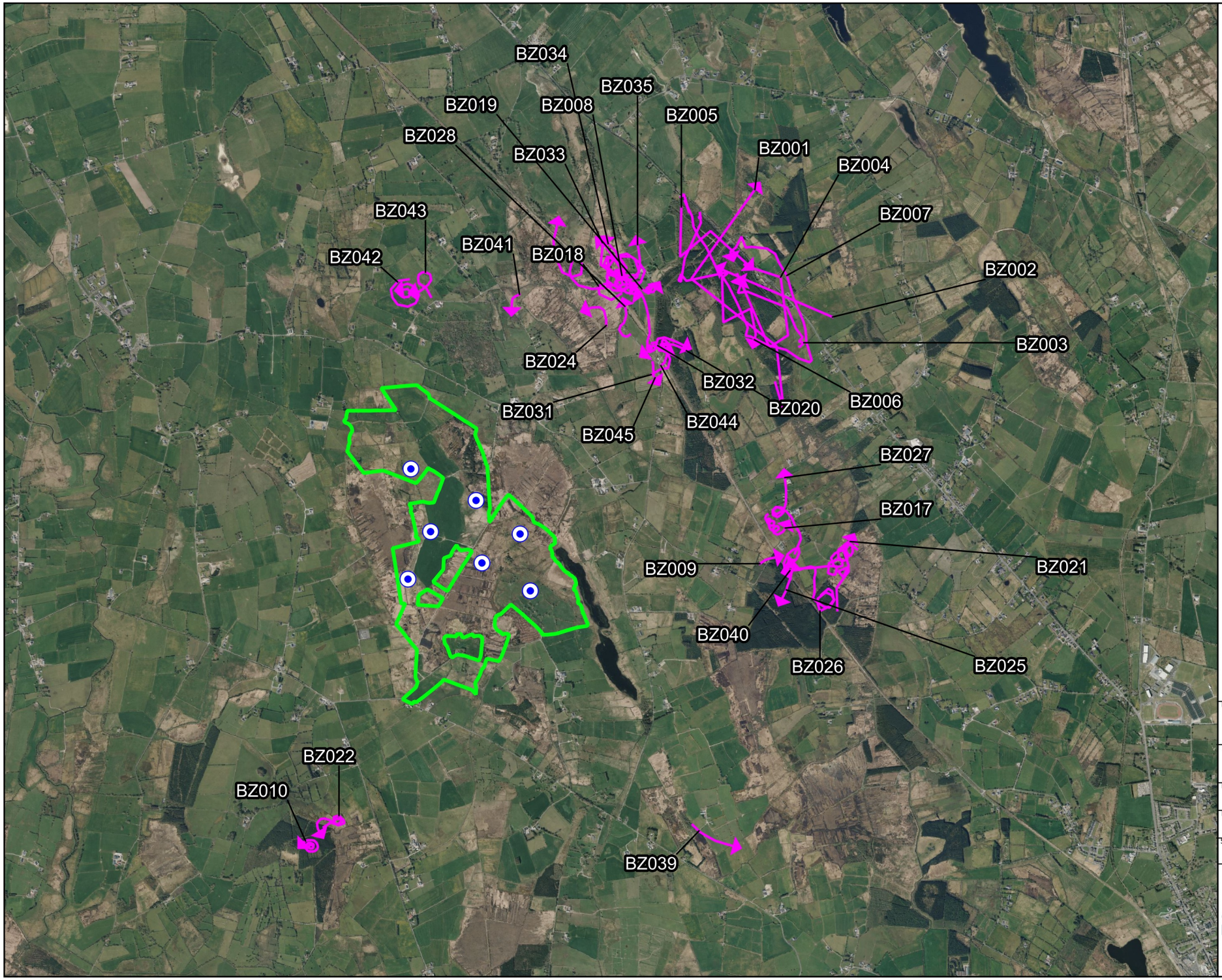

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Breeding Raptor Survey
Buzzard Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 66
Scale	Date
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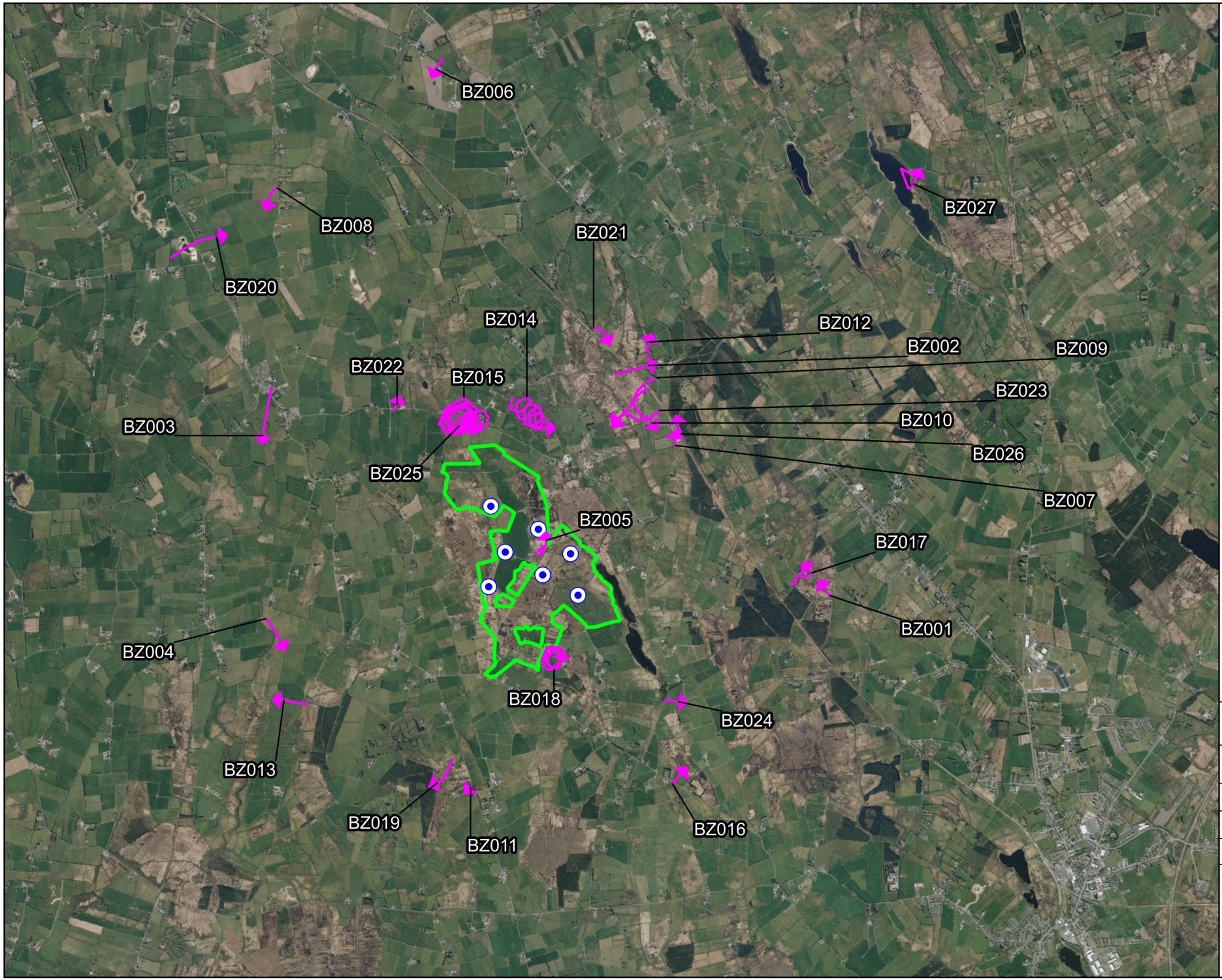

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Buzzard Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 67
Scale	Date
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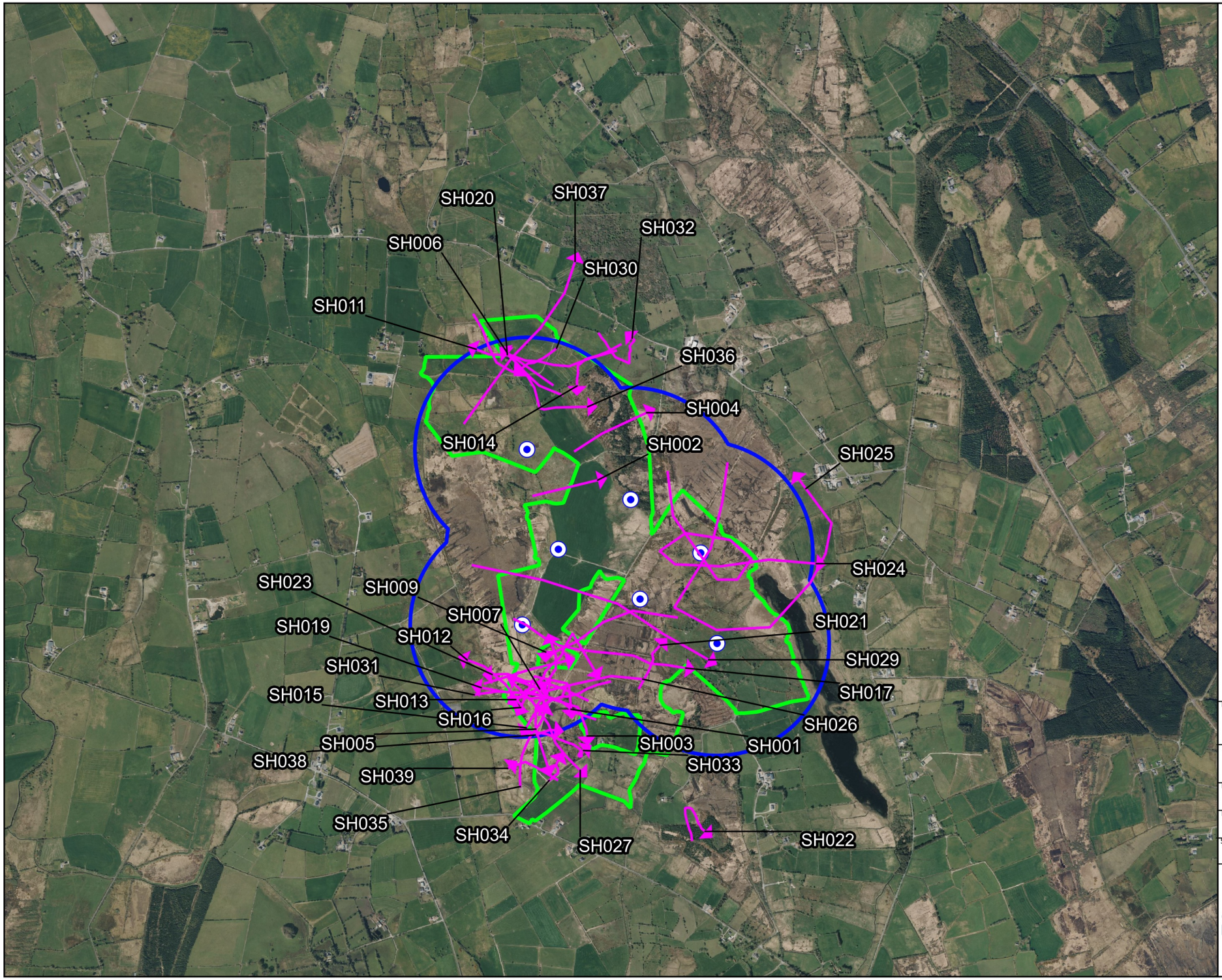

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- 500m Buffer of Proposed Turbines
- Flight Observation

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Drawing Title
Vantage Point Survey
Sparrowhawk Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 68
Scale	Date
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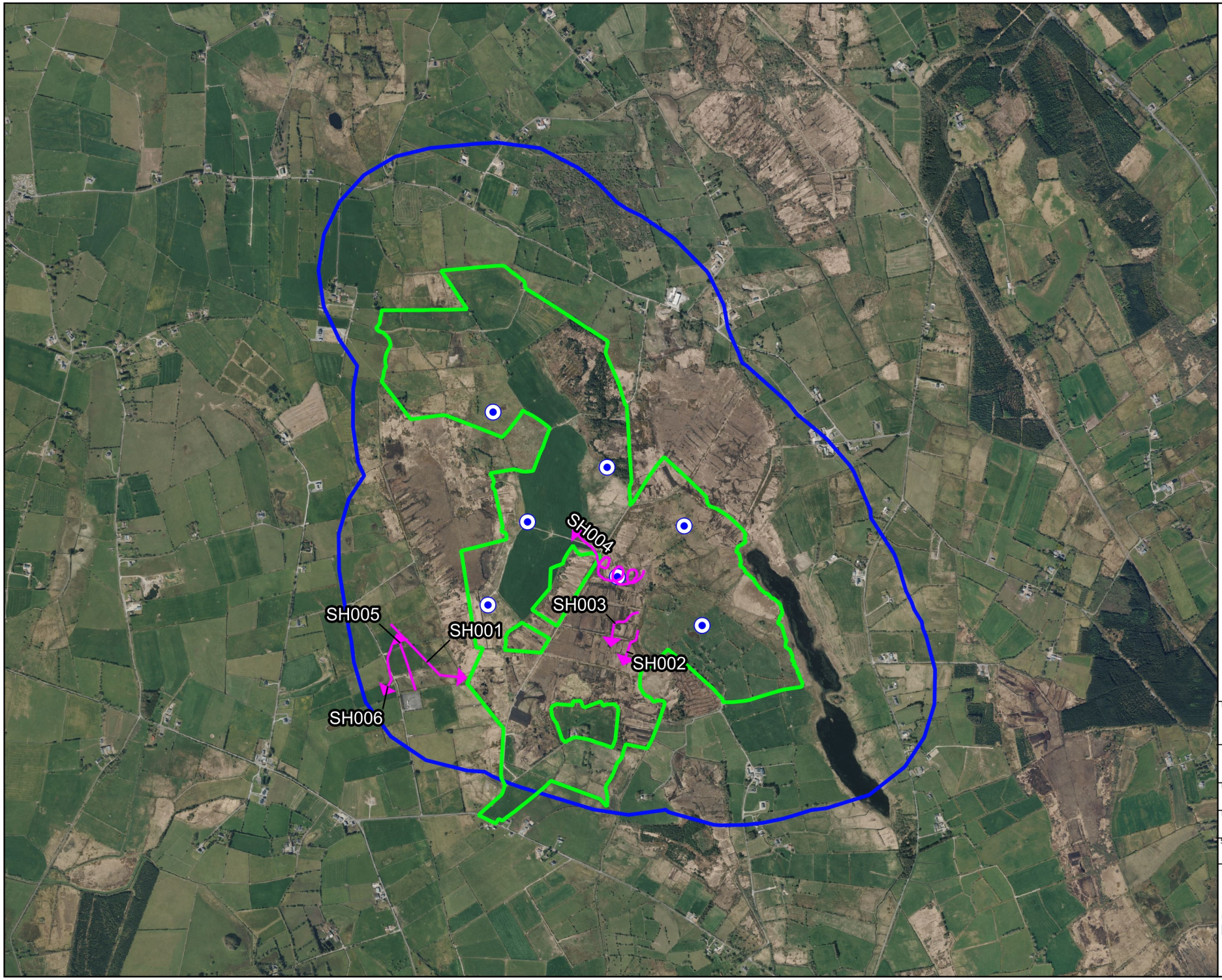

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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N

Drawing Title
Winter Walkover Survey
Sparrowhawk Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 69
Scale	Date
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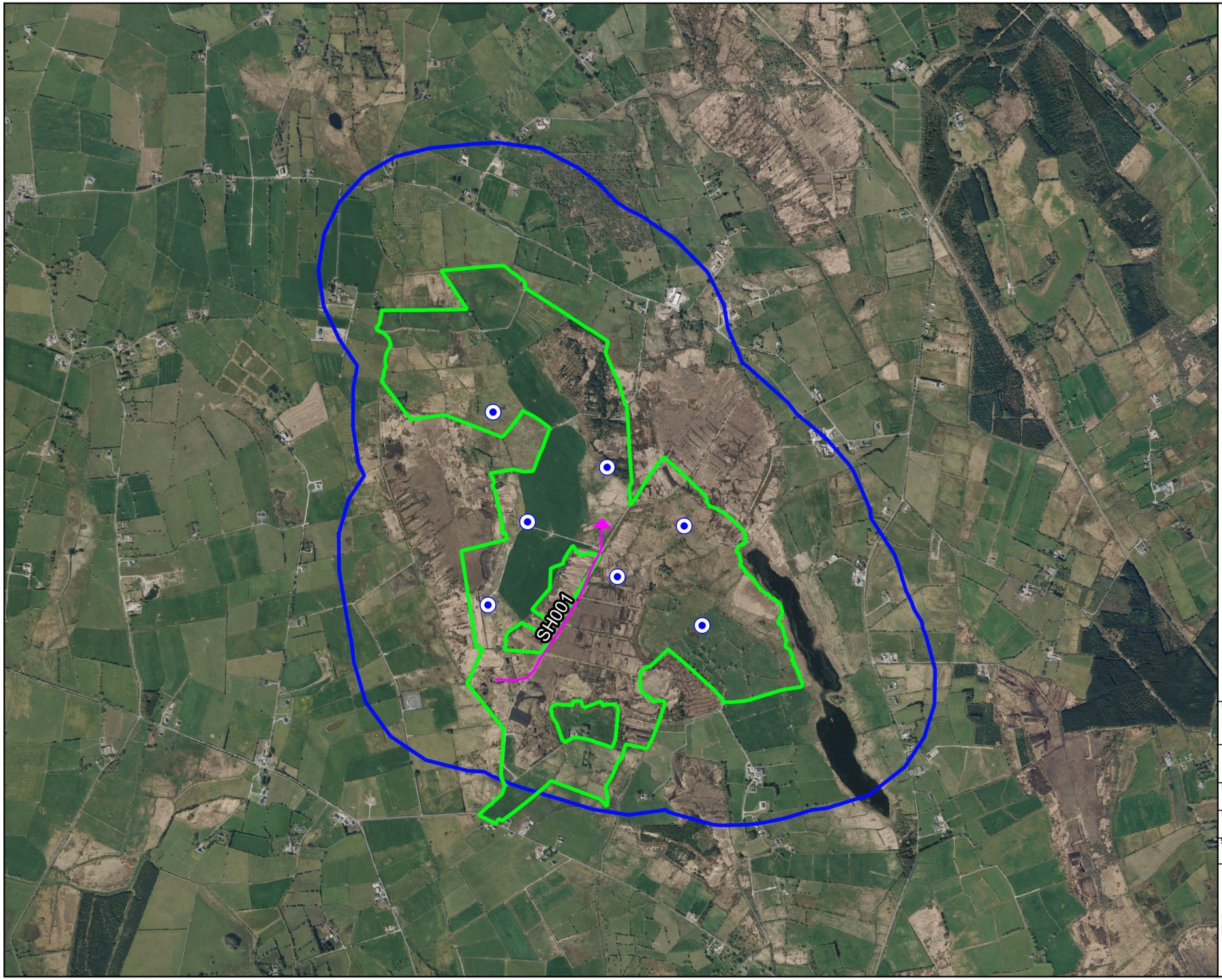

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Survey Area
- Flight Observation

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Drawing Title
Breeding Walkover Survey
Sparrowhawk Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 70
Scale	Date
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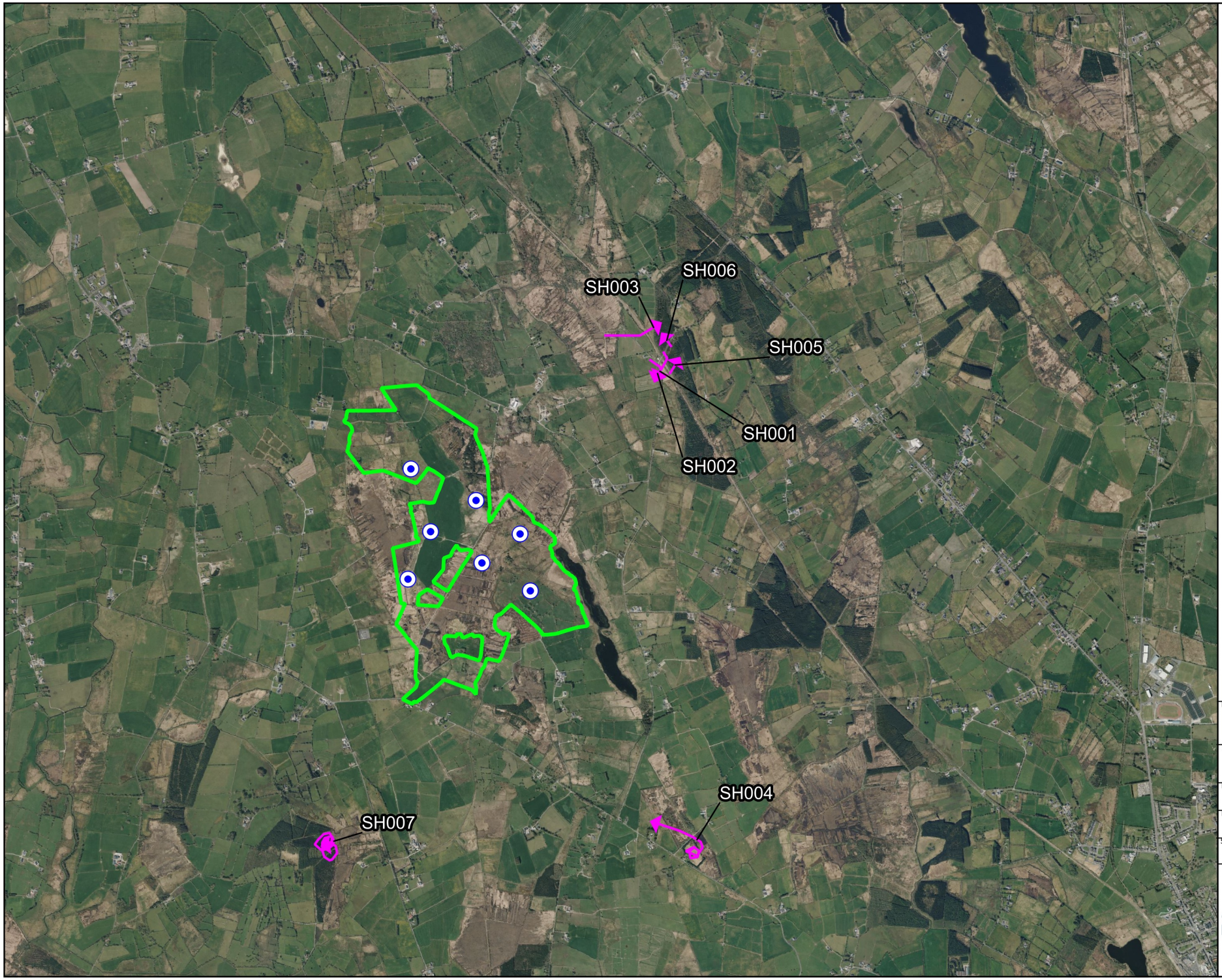

Map Legend

EIAR Site Boundary

Proposed Turbines

Flight Observation

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Drawing Title
Breeding Raptor Survey
Sparrowhawk Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 4 - 71
Scale	Date
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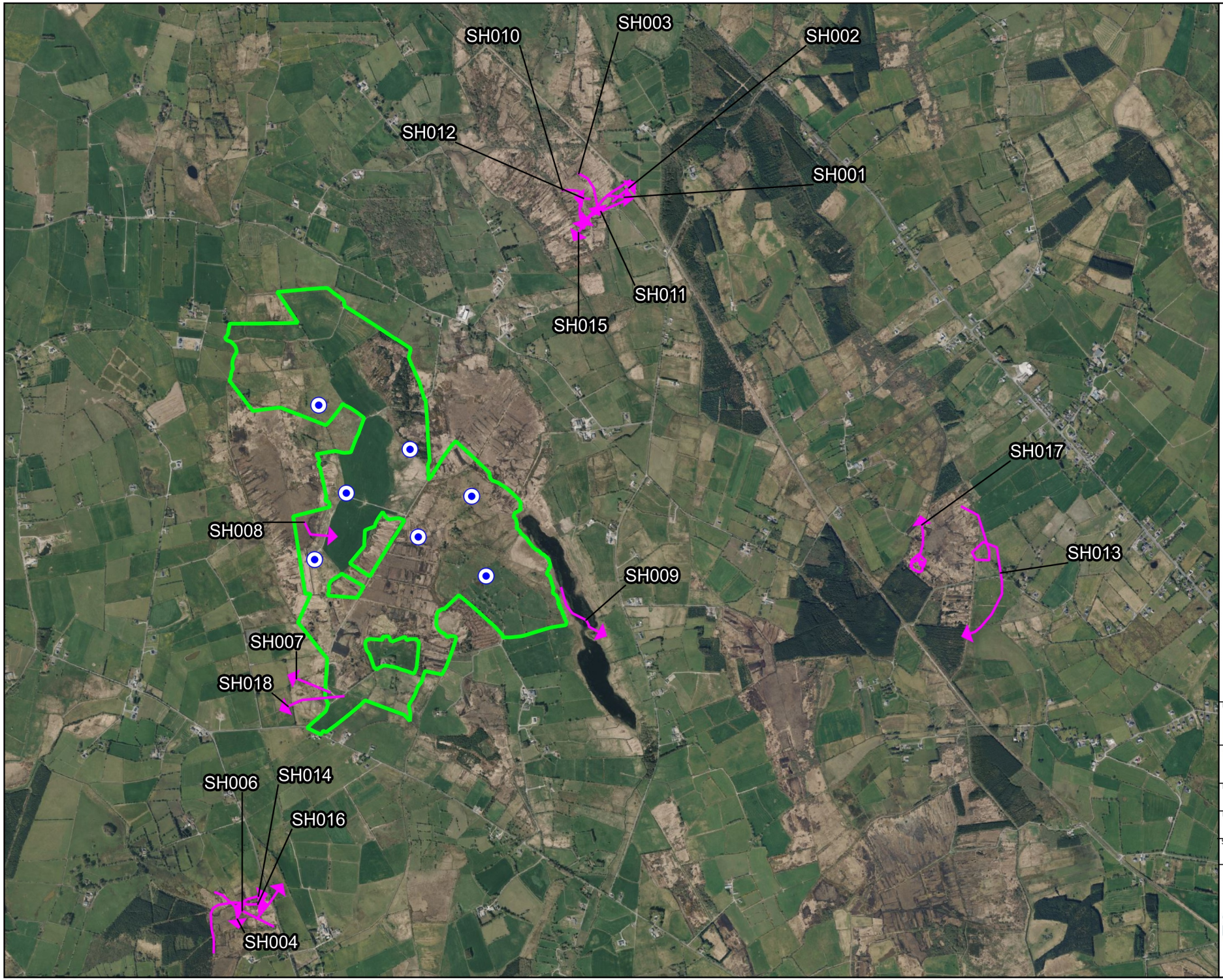

Map Legend

- EIAR Site Boundary
- Proposed Turbines
- Flight Observation

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Drawing Title
Incidental Records
Sparrowhawk Observations

Project Title
Cunlaghfadda
Green Energy Project

Drawn By	Checked By
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Project No.	Drawing No.
220825	Fig. 7 - 4 - 72
Scale	Date
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