



APPENDIX 7-5

CONFIDENTIAL SURVEY DATA

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2. SURVEY DATA

2.1 Hen Harrier

Table 7 - 5 - 1 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
HH008	VP3	15/05/2024	10:22	Hen Harrier	1	240	40	200	0	0	bogs, conifer plantation and improved agricultural grassland; foodpass, male brought food back for female	FOD
HH009	VP3	15/05/2024	10:23	Hen Harrier	1	45	45	0	0	0	bogs and improved agricultural grassland; foodpass, female came up from suspected nest to accept food pass	FOD
HH011	VP3	19/06/2024	08:47	Hen Harrier	1	8	8	0	0	0	improved agricultural grassland and bogs; mobbing, female mobbing raven	FOD
HH012	VP3	19/06/2024	09:44	Hen Harrier	1	191	0	38	153	0	bogs and improved agricultural grassland; travelling, male coming from nest	FOD
HH013	VP3	19/06/2024	11:23	Hen Harrier	1	140	40	100	0	0	bogs and improved agricultural grassland; foodpass	FOD
HH014	VP3	19/06/2024	11:25	Hen Harrier	1	30	30	0	0	0	bogs, improved agricultural grassland and conifer plantation; foodpass, female food pass	FOD
HH016	VP3	19/06/2024	11:52	Hen Harrier	1	499	99	100	300	0	bogs, improved agricultural grassland and conifer plantation; foodpass, male, foodpass	FOD
HH017	VP3	01/07/2024	11:28	Hen Harrier	1	48	40	8	0	0	wet grassland, conifer plantation and scrub; hunting, travelling, male, with a long hunting flight from the nest. heading north.	LD
HH021	VP3	01/07/2024	14:12	Hen Harrier	1	22	22	0	0	0	wet grassland, scrub and conifer plantation; hunting, travelling, female this time, hunting near the nest.	LD
HH032	VP3	03/04/2025	19:17	Hen Harrier	1	3	0	3	0	0	wet grassland, conifer plantation and scrub; travelling, female flying over/into the conifers at last year's nest site.	LD

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
HH033	VP3	03/04/2025	19:35	Hen Harrier	1	-	-	-	-	-	conifer plantation, wet grassland and scrub; perched, male seen at the front of the conifers, about 75m from last year's nest site.	LD
HH034	VP3	03/04/2025	19:36	Hen Harrier	1	45	45	0	0	0	conifer plantation, scrub and wet grassland; hunting, travelling, male seen on a long hunting flight before dusk. it flew west, north-west and out of view behind conifers.	LD
HH035	VP3	10/04/2025	12:04	Hen Harrier	1	315	10	305	0	0	wet grassland, conifer plantation and short rotation coppice; travel, display, male was seen close to the block of conifers/once again it flew up high and was circling over the nest area for over five minutes. so that display flight should confirm that the birds are intending to nest in the same place as last year once again.	LD
HH036	VP3	28/05/2025	15:56	Hen Harrier	1	72	72	0	0	0	wet grassland, scrub and conifer plantation; hunting, travelling, male was seen hunting once again near the nest site. the bird flew east, but there has been no sign of the female here for some time now.	LD

Table 7 - 5 - 2 Hen harrier breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
HH002	20/05/2024	09:19	not recorded	Hen Harrier	1	scrub, wet grassland and conifer plantation; travelling, male observed, closely followed by the female. possible food pass, but obscured. (pair; probable breeding)	LD
HH003	20/05/2024	09:19	not recorded	Hen Harrier	1	scrub, wet grassland and conifer plantation; travelling, male observed, closely followed by the female. possible food pass, but obscured. (pair; probable breeding)	LD
HH006	20/05/2024	12:17	not recorded	Hen Harrier	1	scrub, wet grassland and conifer plantation; travelling, male seen again near the potential nest site. (permanent territory; probable breeding)	LD

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
HH007	20/05/2024	12:18	not recorded	Hen Harrier	1	scrub, wet grassland and conifer plantation; circling, male soaring over the nest site. consistent sightings here now. (pair; probable breeding)	LD
HH008	20/05/2024	12:19	not recorded	Hen Harrier	1	scrub, wet grassland and conifer plantation; travelling, female seen shortly after the male, from the nest site. (pair; probable breeding)	LD
HH009	20/05/2024	12:21	not recorded	Hen Harrier	1	scrub, conifer plantation and wet grassland; travelling, male seen again after the female. (pair; probable breeding)	LD
HH010	20/05/2024	12:21	not recorded	Hen Harrier	1	scrub, conifer plantation and wet grassland; travelling, female seen flying from the nest site again. (pair; probable breeding)	LD
HH011	10/06/2024	07:41	not recorded	Hen Harrier	1	wet grassland, scrub and conifer plantation; circling, travelling, male observed soaring besides the nest. (nest building; probable breeding)	LD
HH012	10/06/2024	08:29	not recorded	Hen Harrier	1	wet grassland and conifer plantation; travelling, male seen again. heading towards the nest site. (permanent territory; probable breeding)	LD
HH014	10/06/2024	11:48	not recorded	Hen Harrier	1	wet grassland, scrub and conifer plantation; circle, travelling, male observed again, over the clearing near the nest. (nest building; probable breeding)	LD
HH015	25/06/2024	07:42	not recorded	Hen Harrier	1	scrub, conifer plantation and wet grassland; travelling, foraging, female, heading west from the nest. (pair; probable breeding)	LD
HH016	25/06/2024	09:40	not recorded	Hen Harrier	1	wet grassland, scrub and conifer plantation; travelling, hunting, female again. flying from the nest area. (pair; probable breeding)	LD
HH017	25/06/2024	11:58	not recorded	Hen Harrier	1	scrub and conifer plantation; travel, provisioning, male observed flying into trees and the nest area carrying prey. (fledged young; confirmed breeding)	LD
HH018	25/06/2024	13:21	not recorded	Hen Harrier	1	conifer plantation, scrub and wet grassland; travelling, female once again, flying away from the nest. (pair; probable breeding)	LD
HH019	08/07/2024	07:16	T1	Hen Harrier	1	wet grassland, scrub and conifer plantation; travelling, probable male seen to the north east of the nest. obscured by trees. (pair; probable breeding)	LD
HH020	01/04/2025	08:58	T1	Hen Harrier	1	wet grassland, conifer plantation and scrub; hunting, travelling, male flushed, 100 meters south of last year's nest site. (suitable nesting habitat; possible breeder)	LD
HH021	01/04/2025	09:36	T1	Hen Harrier	1	conifer plantation, scrub and wet grassland; perched, male observed in trees, directly above last year's nest site. (suitable nesting habitat; possible breeder)	LD
HH022	01/04/2025	09:39	T1	Hen Harrier	1	conifer plantation, scrub and wet grassland; travelling, male then flew away over conifers, heading south from the nest site. (probable nest site; probable breeding)	LD

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
HH023	02/04/2025	11:29	T1	Hen Harrier	1	wet grassland, conifer plantation and scrub; travelling, female seen close to last year's nest and where the male was also observed. heading west. (pair; probable breeding)	LD
HH024	15/04/2025	07:43	T2	Hen Harrier	1	conifer plantation, wet grassland and scrub; hunting, travelling, male flying from the nest site and dropping down, presumable towards prey. (pair; probable breeding)	LD
HH025	15/04/2025	08:02	T2	Hen Harrier	1	conifer plantation, scrub and wet grassland; hunting, travelling, in flight and circling near the nest site. then heading south over conifers. (pair; probable breeding)	LD
HH026	15/04/2025	08:03	T2	Hen Harrier	1	conifer plantation, wet grassland and scrub; travelling, brief sighting of a second male, in pursuit of the male observed flying from the nest site. both heading south over conifers. (suitable nesting habitat; possible breeder)	LD
HH027	15/04/2025	16:28	T2	Hen Harrier	1	conifer plantation, scrub and wet grassland; hunting, travelling, male seen once again, flying from the block of conifers and potential nest site. (pair; probable breeding)	LD
HH028	13/05/2025	08:06	T1	Hen Harrier	1	wet grassland, scrub and conifer plantation; hunting, travelling, male seen once again, emerging from the nest area. lost behind scrub. (permanent territory; probable breeding)	LD

Table 7 - 5 - 3 Hen harrier breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
HH001	BR1	22/04/2024	10:54	Hen Harrier	1	conifer plantation, male displaying, over wide area	courtship and display; probable breeding	RV
HH002	BR1	22/04/2024	10:58	Hen Harrier	1	conifer plantation, female joined male above, pair, circled with male and moved north	courtship and display; probable breeding	RV
HH003	BR1	22/04/2024	11:04	Hen Harrier	2	conifer plantation, pair slowly flying/circling, pair drifting slowly along far hill	pair; probable breeding	RV
HH005	BR1	22/04/2024	11:39	Hen Harrier	1	conifer plantation, male displaying, pair, along far hillside	courtship and display; probable breeding	RV
HH006	BR1	22/04/2024	11:41	Hen Harrier	1	conifer plantation, female flying, slowly drifting along far hill just behind displaying male	pair; probable breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
HH009	BR1	22/04/2024	13:40	Hen Harrier	1	conifer plantation, male displaying, pair, north of vantage point, often very high up	courtship and display; probable breeding	RV
HH011	BR3	01/05/2024	11:15	Hen Harrier	1	wet grassland, scrub and conifer plantation, display, male skydancing in display.	courtship and display; probable breeding	LD
HH012	BR3	01/05/2024	11:24	Hen Harrier	1	wet grassland, scrub and conifer plantation, display, male displaying in the same area.	courtship and display; probable breeding	LD
HH013	BR3	01/05/2024	11:26	Hen Harrier	1	wet grassland, scrub and conifer plantation, display, up in display flight for the third time. all in the same area.	courtship and display; probable breeding	LD
HH017	BR1	16/05/2024	16:15	Hen Harrier	2	conifer plantation, pair circling and displaying, ranging widely displaying and circling	permanent territory; probable breeding	RV
HH018	BR3	18/06/2024	08:04	Hen Harrier	1	scrub, conifer plantation and wet grassland, travelling, female, heading west.	pair; probable breeding	LD
HH019	BR3	18/06/2024	08:26	Hen Harrier	1	scrub, conifer plantation and wet grassland, travelling, male, heading west.	pair; probable breeding	LD
HH020	BR3	18/06/2024	08:33	Hen Harrier	1	scrub, conifer plantation and wet grassland, travelling, male returning to the nest area.	pair; probable breeding	LD
HH021	BR3	18/06/2024	08:40	Hen Harrier	1	scrub, conifer plantation and wet grassland, travelling, female, flying south.	pair; probable breeding	LD
HH022	BR3	18/06/2024	10:02	Hen Harrier	2	scrub, conifer plantation and wet grassland, travelling, return to nest, pair coming together, with a food pass from the male.	adult carrying food/faecal sac; confirmed breeding	LD
HH023	BR3	18/06/2024	10:38	Hen Harrier	1	wet grassland, scrub and conifer plantation, hunting, travelling, female seen briefly behind trees, to the east of the nest.	pair; probable breeding	LD
HH024	BR3	18/06/2024	11:06	Hen Harrier	1	conifer plantation, scrub and wet grassland, soaring, travelling, male observed again over the nest site, then heading south hunting.	pair; probable breeding	LD
HH025	BR3	18/06/2024	11:57	Hen Harrier	1	conifer plantation, scrub and wet grassland, soaring, fly down, female up above the nest, then dropping back down again.	pair; probable breeding	LD
HH026	BR3	18/06/2024	13:08	Hen Harrier	1	scrub, conifer plantation and wet grassland, travelling, long flight from the male over the nest, followed by food pass to the female.	probable nest site; probable breeding	LD

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
HH027	BR3	18/06/2024	13:09	Hen Harrier	1	conifer plantation, scrub and wet grassland, travelling, food retrieved from the male.	fledged young; confirmed breeding	LD
HH028	BR1a	01/07/2024	08:13	Hen Harrier	1	wet grassland, scrub and conifer plantation, hunting, travelling, female, flying from the nest.	pair; probable breeding	LD
HH029	BR1a	01/07/2024	08:36	Hen Harrier	1	wet grassland, scrub and conifer plantation, hunting, travelling, female once again, flying away from the nest area.	pair; probable breeding	LD
HH030	BR1a	01/07/2024	09:24	Hen Harrier	1	wet grassland, conifer plantation and scrub, provisioning, female returning and carrying prey.	adult carrying food/faecal sac; confirmed breeding	LD
HH031	BR1a	01/07/2024	09:49	Hen Harrier	1	conifer plantation, scrub and wet grassland, travelling, male hovering over the nest.	pair; probable breeding	LD
HH032	BR1a	01/07/2024	10:58	Hen Harrier	1	wet grassland, scrub and conifer plantation, hunting, travelling, female foraging around nest area once again.	pair; probable breeding	LD
HH033	BR1a	08/04/2025	06:54	Hen Harrier	1	wet grassland, scrub and conifer plantation, travelling, male seen flying towards the conifers where last year's nest was located. female present here last week too.	pair; probable breeding	LD
HH034	BR1a	08/04/2025	07:40	Hen Harrier	1	conifer plantation, wet grassland and scrub, hunting, travelling, male observed once again, flying from the conifers and last year's nest area.	pair; probable breeding	LD
HH035	BR1a	08/04/2025	09:23	Hen Harrier	1	conifer plantation, scrub and wet grassland, hunting, travelling, male observed once again, flying from the conifers and last year's nest area. lost behind scrub, heading east.	pair; probable breeding	LD
HH036	BR1a	16/04/2025	10:19	Hen Harrier	1	wet grassland, conifer plantation and scrub, hunting, travelling, male seen once again, flying from the block of conifers and potential nest site.	pair; probable breeding	LD
HH037	BR1a	06/05/2025	09:48	Hen Harrier	1	scrub, wet grassland and conifer plantation, hunting, travelling, in flight from the nest. dropped down fairly quickly after being mobbed by magpies.	pair; probable breeding	LD
HH038	BR1a	06/05/2025	10:19	Hen Harrier	1	wet grassland, conifer plantation and scrub, display, male skydancing around the nest site. joined in flight by the female, before she flew off. male dropped down to the conifers and nest area.	courtship and display; probable breeding	LD

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
HH039	BR1a	06/05/2025	10:49	Hen Harrier	1	conifer plantation, wet grassland and scrub, travel, courtship, female up in flight with the male, close to the nest site. headed south over trees.	pair; probable breeding	LD
HH040	BR1a	08/05/2025	11:21	Hen Harrier	1	wet grassland, conifer plantation and scrub, hunting, display, male seen once again on a long hunting flight. then up circling in display around the nest area.	courtship and display; probable breeding	LD

Table 7 - 5 - 4 Hen harrier incidental records data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
HH015	Connectivity Vantage Point Survey; Meenbog	27/05/2025	13:50	Hen Harrier	1	conifer plantation; flying, male, flew over trees and by nest area, lost sight when he went down behind the trees onsite.	NS

Table 7 - 5 - 5 Hen harrier supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
HH001	Croaghmagawna	13/04/2019	15:43	Hen Harrier	1	conifer plantation, flying , over trees at 20m high, beside forest track, male location 54.43.34n 07.54.5w, historic nest site visit	SF

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
HH003	Killeter	22/05/2019	09:53	Hen Harrier	2	conifer plantation and upland blanket bog, soaring, display, diving, from clearfell vantage point marked on map. new planted 0-1m pine trees on clearfell, male note 26 - west 276 degrees from vantage point location observed male hen harrier soaring over 2nd rotation plantation to west of vantage point. male starts skydancing display. undulating dive flight. flies lower than band 2. then goes out of sight drops to ground briefly, then reappears. starts second flight soaring. goes high 1000ft. see second male hen harrier behind first in same field of view, but higher and above. follow first hen harrier begins skydancing again. then goes higher 1000-1500ft. on thermals. flies toward my vantage point then veers south follow for approximately 17 minutes before hen harrier descends over bog and conifers and is lost to view. note 27 - second hen harrier behind soaring was much higher than first hen harrier.	SF
HH005	Killeter	22/05/2019	10:55	Hen Harrier	1	conifer plantation and upland blanket bog, taking off, flying, male, takes off, flies south	SF
HH006	Killeter	22/05/2019	10:59	Hen Harrier	1	conifer plantation and upland blanket bog, skydancing, male	SF
HH020	Croaghmagawna	15/05/2020	14:36	Hen Harrier	2	conifer plantation, male very low over nest area, seen briefly,	RV
HH021	Croaghmagawna	15/05/2020	14:38	Hen Harrier	2	conifer plantation, male very low over nest area, seen briefly,	RV
HH022	Croaghmagawna	15/05/2020	14:44	Hen Harrier	2	conifer plantation, circling, female circled above nest area	RV
HH023	Croaghmagawna	15/05/2020	14:45	Hen Harrier	2	conifer plantation, circling, male circled above nest area, brief overlap and interaction with female	RV
HH024	Croaghmagawna	15/05/2020	15:28	Hen Harrier	2	conifer plantation, delivering prey, male delivering prey, from south-east	RV
HH025	Croaghmagawna	15/05/2020	15:28	Hen Harrier	2	conifer plantation, flying, food pass, female flew up to collect prey from female, female returned to nest area, male landed in copse until 16:00 when it flew south	RV
HH026	Croaghmagawna	15/05/2020	16:24	Hen Harrier	2	conifer plantation, flying, delivering prey, male arrived from the se carrying prey, food pass with female. female dropped back into nest after 30s, male flew south-east again	RV
HH034	Croaghmagawna	21/05/2020	15:55	Hen Harrier	2	conifer plantation, food pass, landing, flying, male arrived from south-east with prey and passed food to female, male then landed in pines until 16:23 when it flew south-east again, female took prey and landed close to vantage point but out of site until 15:58, it then flew low, weaving through trees back to nest, I couldn't see if it was still carrying prey, pair, male and female both landed away from nest after food pass	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
HH038	Croaghmagawna	12/06/2020	12:52	Hen Harrier	1	conifer plantation, flying, female, flying low away from the nest area (on arrival to vantage point survey)	RV
HH039	Croaghmagawna	21/06/2020	15:42	Hen Harrier	1	conifer plantation, flying, female flew low over trees into general nest area	RV
HH041	Croaghmagawna	23/04/2021	15:25	Hen Harrier	2	conifer plantation, display, male and female flew in from north to historic nest area and began flying close together in courtship flight both moved off north east separately began foraging	AOD
HH042	Croaghmagawna	23/04/2021	16:26	Hen Harrier	2	conifer plantation, courtship flight, male carrying prey flew in from west followed closely by female calling repeatedly. male passed food to female, female dropped out of view and male began sky dancing for a minute or so.	AOD
HH043	Croaghmagawna	23/04/2021	16:39	Hen Harrier	2	conifer plantation, flying, courtship, display, both birds flew up from wd4 and soared off as a pair high to the north east	AOD
HH044	Croaghmagawna	21/05/2021	14:41	Hen Harrier	1	conifer plantation, sky dancing, display, male dancing in vicinity of historic nest, possible nest moved in north-east direction dancing lasted 3 mins	AOD
HH045	Croaghmagawna	21/05/2021	14:46	Hen Harrier	1	conifer plantation, flying, male flew up from conifer plantation heading north east	AOD
HH047	Croaghmagawna	21/05/2021	15:44	Hen Harrier	1	conifer plantation, carrying prey, male flew in low carrying prey. nest likely in new area at the leap	AOD
HH048	Croaghmagawna	21/05/2021	19:23	Hen Harrier	1	conifer plantation, displaying, sky dancing male, nest likely at the leap area	AOD

2.2

Merlin

Table 7 - 5 - 6 Merlin breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
ML001	BR2	11/04/2025	10:32	Merlin	1	upland blanket bog and conifer plantation, circling, difficult looking into sun, not sexed, dove along hillside into Barnesmore.	suitable nesting habitat; possible breeder	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
ML002	BR2	11/04/2025	11:13	Merlin	2	upland blanket bog and conifer plantation, circling, pair circling together and calling high over plantation. glided behind plantation towards Barnes Lough.	pair; probable breeding	RV
ML003	BR2	23/05/2025	06:35	Merlin	1	cutover bog, flying, male, flew low towards road. brief view.	suitable nesting habitat; possible breeder	RV

Table 7 - 5 - 7 Merlin incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
ML005	Breeding Raptor Survey; BR2	17/04/2024	17:26	Merlin	1	wet grassland, dry siliceous heath and conifer plantation; feeding, fresh pellets found in last year's territory.	LD

Table 7 - 5 - 8 Merlin supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
ML001	Barrack Hill	20/04/2019	07:41	Merlin	1	conifer plantation, flying, calling, hear merlin calling, walk-in forest track	SF
ML002	Barrack Hill	20/04/2019	08:00	Merlin	1	conifer plantation, calling, h03583, calling, not seen	SF
ML003	Barrack Hill	20/04/2019	08:29	Merlin	1	conifer plantation, flying, from tree	SF
ML004	Barrack Hill	20/04/2019	08:32	Merlin	1	conifer plantation, calling, copse, not seen	SF
ML005	Barrack Hill	20/04/2019	08:39	Merlin	2	conifer plantation, calling, two merlin call, chitter call and scream call, infer food pass or mating, copse	SF
ML006	Barrack Hill	20/04/2019	08:42	Merlin	1	conifer plantation, flying, east 75 degrees over tree tops 5m high	SF
ML007	Barrack Hill	20/04/2019	09:32	Merlin	1	conifer plantation, flying, flies out of view away from forest track, where van is parked at 54.44.20n 07.56.58w	SF
ML008	Barrack Hill	15/05/2019	19:34	Merlin	1	conifer plantation, calling,	SF
ML009	Barrack Hill	15/05/2019	19:37	Merlin	1	conifer plantation, flying, calling, flying from tree to tree	SF
ML010	Barrack Hill	16/05/2019	11:57	Merlin	1	conifer plantation, calling,	SF
ML011	Barrack Hill	16/05/2019	12:07	Merlin	3	conifer plantation, flying, female flies from tree to tree at copse 54.44.20n 07.56.58	SF
ML012	Barrack Hill	16/05/2019	12:12	Merlin	1	conifer plantation, flying, calling, male fly in behind copse calling	SF

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
ML013	Barrack Hill	27/05/2019	12:25	Merlin	1	conifer plantation and upland blanket bog, flying, calling, after Meenbog drive to barrack hill and check merlin site. female flies around copse calling, Barnesmore Barrack Hill	SF
ML014	Barrack Hill	20/06/2019	18:03	Merlin	2	conifer plantation and upland blanket bog, flying, perched, spotted merlin in tree, flies and stoops on a second merlin on bog on rock. merlin sits on fence post	SF
ML015	Barrack Hill	20/06/2019	18:26	Merlin	1	conifer plantation and upland blanket bog, flying, with prey, merlin from fence post flies to heather hummock has prey, then flies to other hummock and plucks prey	SF
ML016	Barrack Hill	08/07/2019	15:21	Merlin	3	conifer plantation and upland blanket bog, sitting on hummock, one plucking prey, successful breeding at ml1, three juvenile merlins sitting on heather hummock, one plucking prey	SF
ML018	Barrack Hill	20/07/2020	07:04	Merlin	2	grassland and marsh and conifer plantation, mobbing, flying, perched, activity led me to the nest site located to the south of ml1, female mobbing a raven, flew and landed on post, male flew south, then female flew to old nest on conifer	RV
ML019	Barrack Hill	20/07/2020	07:39	Merlin	1	conifer plantation, flying, at least three juveniles heard begging for over 220 seconds around this sighting, flew low over conifer plantation	RV
ML020	Barrack Hill	20/07/2020	08:27	Merlin	1	bogs, calling, male calling from a mound to west of nest area, female collected prey from him and I did not see it depart the area as I followed female.	RV
ML021	Barrack Hill	20/07/2020	08:28	Merlin	1	bogs, food pass, I didn't see where female arrived from, flew into the back of the nest area and juveniles heard calling for several minutes after. female collected prey from male and flew to nearby post, plucking prey until 08:34, then flew towards nest area	RV
ML022	Barrack Hill	20/07/2020	08:46	Merlin	1	grassland and marsh and bogs, flying, perched, preening, female flew from plantation, landed on post, sat on post 08:46-08:48, preened briefly then flew low out of view	RV
ML023	Barrack Hill	21/07/2020	07:43	Merlin	3	conifer plantation, calling, at least three juveniles heard calling, not seen	RV
ML024	Barrack Hill	21/07/2020	09:48	Merlin	1	bogs, calling, flying, food pass, flew south after female collected prey item from him. male calling from same mound as yesterday	RV
ML025	Barrack Hill	21/07/2020	09:49	Merlin	1	conifer plantation and bogs, food pass, flying, plucking prey, flew to nest area at 09:57 and juveniles heard continuously until I left at 10:12, collected prey item from the male and flew to same post as yesterday to pluck	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
ML026	Barrack Hill	22/04/2021	14:34	Merlin	1	montane heath, flying, mobbing, adult male appeared on hillside mobbed golden eagle briefly and flew to nest area calling repeatedly	AOD
ML027	Barrack Hill	22/04/2021	15:30	Merlin	2	conifer plantation, calling, two birds calling from likely nest area	AOD
ML028	Barrack Hill	22/04/2021	16:30	Merlin	2	conifer plantation, calling, two birds calling unseen repeatedly for 20min plus	AOD
ML029	Barrack Hill	31/05/2021	18:42	Merlin	1	conifer plantation, calling, flying, heard calling briefly during we, bird seen flying at c.25m then dropped height, flew into conifer plantation northeast	CD
ML030	Barrack Hill	31/05/2021	19:24	Merlin	1	conifer plantation, heath and upland blanket bog, flying, female type flying from conifer plantation, gained a little height, lost with mountain in background, diving north-west	CD
ML031	Barrack Hill	09/06/2021	12:44	Merlin	1	conifer plantation, flying, male flew from nest south	AOD
ML032	Barrack Hill	09/06/2021	13:02	Merlin	1	conifer plantation, carrying prey into nest, male brought prey to nest left again straight away other side of conifer plantation, nest confirmed	AOD
ML033	Barrack Hill	11/06/2021	15:33	Merlin	2	conifer plantation, carrying prey, male in with prey to nest. female heard calling with male	AOD
ML034	Barrack Hill	11/06/2021	16:37	Merlin	2	conifer plantation and montane heath, in with prey, adult in with prey both adults heard calling	AOD
ML035	Barrack Hill	07/07/2021	06:54	Merlin	1	upland blanket bog, perched, female	RV
ML036	Barrack Hill	07/07/2021	08:28	Merlin	1	upland blanket bog and conifer plantation, perched, flying, female bird, male and female flew to nest area 08:28	RV
ML037	Barrack Hill	07/07/2021	08:28	Merlin	1	upland blanket bog and conifer plantation, perched, flying, male bird spotted at 08:22, followed female to nest, male and female flew together to nest area 08:28	RV
ML038	Barrack Hill	07/07/2021	08:57	Merlin	1	upland blanket bog, perched, female back on original perch 08:57	RV
ML039	Barrack Hill	07/07/2021	09:47	Merlin	1	upland blanket bog, flying, female flew out of view 09:47	RV
ML042	Barrack Hill	21/05/2023	16:47	Merlin	1	upland blanket bog, calling, calling heard south-east of vantage point, not seen	RV
ML043	Barrack Hill	21/05/2023	17:26	Merlin	1	upland blanket bog, conifer plantation and peatlands, flushed, male flushed from dip in bog, roughly where earlier calls were heard from	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
ML044	Barrack Hill	21/05/2023	17:39	Merlin	1	upland blanket bog and conifer plantation, flying, female flew from plantation towards the road then back along lower slope but lost over hill	RV
ML045	Barrack Hill	21/05/2023	19:06	Merlin	1	upland blanket bog, conifer plantation and peatlands, flying, male flew east low from plantation, lost over dip in hill	RV
ML046	Barrack Hill	17/07/2023	17:09	Merlin	1	wet grassland, dry siliceous heath and conifer plantation, hunting, travelling, female flying out from forestry, then hunting over the moor	LD

2.3

Peregrine Falcon

Table 7 - 5 - 9 Peregrine falcon breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
PE002	BR3	08/04/2024	10:05	Peregrine Falcon	1	wet grassland and conifer plantation, travelling, flying over the top, in the same location where i saw the juvenile last year.	suitable nesting habitat; possible breeder	LD
PE005	BR2	09/05/2024	09:46	Peregrine Falcon	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, soaring, observed again. up over the cliff face where I saw the juvenile last season.	permanent territory; probable breeding	LD
PE006	BR2	09/05/2024	10:51	Peregrine Falcon	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, soaring, second observation.	permanent territory; probable breeding	LD
PE007	BR2	27/05/2024	11:44	Peregrine Falcon	1	exposed siliceous rock, wet grassland and conifer plantation, travelling, adult, heading towards the nest site again in Barnesmore.	permanent territory; probable breeding	LD
PE009	BR3	22/06/2024	10:19	Peregrine Falcon	1	montane heath, flying, again, flew across valley west to east	flyover; non-breeding	RV
PE010	BR3	03/07/2024	11:04	Peregrine Falcon	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, travelling, adult up from the nest area. flying south over the road and mountain.	pair; probable breeding	LD
PE011	BR3	03/07/2024	11:17	Peregrine Falcon	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, soaring, probable pair bird near the nest, as the other bird had not returned.	pair; probable breeding	LD

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
PE015	BR3	15/04/2025	07:56	Peregrine Falcon	2	montane heath, hunting, circling, pair chased a pigeon low along river, then circled high over valley before landing separately on boulders west side of valley.	pair; probable breeding	RV
PE017	BR3	15/04/2025	10:49	Peregrine Falcon	1	montane heath, perched, flying, sat on hilltop against slope, not seen to leave, preening in sun.	suitable nesting habitat; possible breeder	RV
PE018	BR3	15/04/2025	11:52	Peregrine Falcon	1	montane heath, circling, circled high over valley, went west.	suitable nesting habitat; possible breeder	RV
PE020	BR3	20/05/2025	05:29	Peregrine Falcon	1	montane heath, calling, heard alarm calling, not seen.	suitable nesting habitat; possible breeder	RV
PE021	BR3	20/05/2025	07:18	Peregrine Falcon	1	montane heath, circling/calling, male, flew out of valley calling and back west.	suitable nesting habitat; possible breeder	RV
PE024	BR3	20/05/2025	10:10	Peregrine Falcon	2	montane heath, feeding, male arrived with prey and joined in air by female, both sat close together as female fed, male watching.	pair; probable breeding	RV

Table 7 - 5 - 10 Peregrine falcon connectivity vantage point survey data

Ref.	CMVP	Date	Time	Species	Number	Duration of flight (s)	Habitat and activity	Surveyor
PE001	CMVP1	09/04/2024	17:29	Peregrine Falcon	1	15	wet grassland and conifer plantation; travelling, heading towards last year's nest location in the Barnesmore gap.	LD
PE002	CMVP1	13/05/2024	11:47	Peregrine Falcon	1	42	exposed siliceous rock, wet grassland and conifer plantation; hunting, soaring, observed here again in Barnesmore.	LD
PE003	CMVP1	11/06/2025	11:41	Peregrine Falcon	1	not recorded	wet grassland and exposed siliceous rock; travelling, brief view of a probable peregrine falcon in flight over the mountain ridge in Barnesmore, where the birds have been breeding for some time and recently observed by a colleague.	LD

Table 7 - 5 - 11 Peregrine falcon incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
PE001	Waterbird Distribution Survey; Point 2 (Barnesmore wind farm)	04/04/2024	12:26	Peregrine Falcon	1	conifer plantation and lakes and ponds; chasing, perched, territorial, mobbing birds near conifer stand including white-tailed eagle and corvids.	CM
PE004	Waterbird Distribution Survey; Barnesmore mast	16/04/2024	14:25	Peregrine Falcon	2	bogs and montane heath; soaring, suspected pair. flying together from north to south side of Barnesmore gap.	CM

Table 7 - 5 - 12 Peregrine falcon supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
PE001	Barnesmore Gap	14/04/2019	15:15	Peregrine Falcon	1	not recorded, flying, soaring off cliff, female	SF
PE002	Barnesmore Gap	14/04/2019	15:36	Peregrine Falcon	1	not recorded, flying, flies from cliff to another ledge, 2nd rockface from west end of bog, female	SF
PE003	Barnesmore Gap	28/05/2019	10:25	Peregrine Falcon	1	exposed rock, flying, cliffs after Meenbog wo check Barnesmore gap 10-12-12:00e-w flies along top of cliff lands	SF
PE004	Barnesmore Gap	20/05/2020	15:31	Peregrine Falcon	1	not recorded, hunting, flying, pair in red grouse habitat, hunting feral pigeons together along western slope, male west	RV
PE005	Barnesmore Gap	20/05/2020	15:31	Peregrine Falcon	1	not recorded, hunting, flying, pair in red grouse habitat, hunting feral pigeons together along western slope, male west	RV
PE009	Barnesmore Gap	14/04/2021	13:10	Peregrine Falcon	1	montane heath, flying, perched, adult in flight and perched for an hour before lost from view	AOD
PE010	Barnesmore Gap	14/04/2021	14:35	Peregrine Falcon	1	montane heath, flying, flew across cliff face adult	AOD
PE011	Barnesmore Gap	14/04/2021	14:40	Peregrine Falcon	2	montane heath, flying, perched, two adults flying together then perched	AOD
PE012	Barnesmore Gap	14/04/2021	14:56	Peregrine Falcon	2	montane heath, displaying, courtship flight, both adults flying close together coming in contact with each other	AOD
PE013	Barnesmore Gap	14/04/2021	15:10	Peregrine Falcon	1	montane heath, flying, one adult in flight	AOD

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
PE014	Barnesmore Gap	14/04/2021	15:13	Peregrine Falcon	2	montane heath, display, flying, male and female in full display calling loudly and grappling talons together. Flew towards Eske as a pair	AOD
PE015	Barrack Hill	22/04/2021	15:46	Peregrine Falcon	1	montane heath, flying, mobbing, briefly mobbed both we soaring high. then flew towards pe nest area in Barnesmore gap	AOD
PE016	Croaghmagawna	21/05/2021	14:15	Peregrine Falcon	1	conifer plantation and montane heath, travelling, travelling high towards pe nest are in Barnesmore gap	AOD
PE019	Barnesmore Gap	26/05/2021	17:30	Peregrine Falcon	1	montane heath, carrying prey, adult carrying prey, not seen landing. no nest spotted yet	AOD
PE021	Barnesmore Gap	26/05/2021	19:43	Peregrine Falcon	1	montane heath, carrying prey, female with prey into confirmed nest	AOD
PE022	Barnesmore Gap	09/06/2021	09:26	Peregrine Falcon	1	montane heath, calling, unseen, calling	AOD
PE023	Barnesmore Gap	11/06/2021	17:25	Peregrine Falcon	2	montane heath, at nest, pair perched near nest one flew along cliff face	AOD
PE024	Barnesmore Gap	11/06/2021	17:49	Peregrine Falcon	2	montane heath, carrying prey, two adults in male with prey passed it to female, female landed at nest male perched nearby	AOD
PE025	Barnesmore Gap	11/07/2021	05:26	Peregrine Falcon	1	exposed siliceous rock and upland blanket bog, calling, juvenile calling, spotted 06:10	RV
PE026	Barnesmore Gap	11/07/2021	08:38	Peregrine Falcon	1	exposed siliceous rock and upland blanket bog, flying, female flew over and followed by juvenile	RV
PE028	Barnesmore Gap	07/05/2022	12:03	Peregrine Falcon	1	exposed calcareous rock, circling, flew in circling and calling, joined by 6	RV
PE029	Barnesmore Gap	07/05/2022	12:05	Peregrine Falcon	1	exposed calcareous rock, displaying, circled with previous (map 5), both birds lost into sun at 12:13	RV
PE030	Barnesmore Gap	16/05/2022	16:08	Peregrine Falcon	1	exposed calcareous rock, flying, female circling and landed in a possible nest area, calling had been heard just before sighting	RV
PE031	Barnesmore Gap	16/05/2022	16:08	Peregrine Falcon	1	exposed calcareous rock, flying, male circling, brief interaction with female then flew west over valley	RV
PE032	Barnesmore Gap	16/05/2022	18:09	Peregrine Falcon	1	exposed calcareous rock, carrying prey, male carrying prey	RV
PE033	Barnesmore Gap	16/05/2022	18:09	Peregrine Falcon	1	exposed calcareous rock, collecting prey, female collected prey from male in flight and landed on the top of the hill to feed	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
PE034	Barnesmore Gap	16/05/2022	18:39	Peregrine Falcon	1	exposed calcareous rock, flying, female with prey (see incidental) flew up and circled with male	RV
PE035	Barnesmore Gap	16/05/2022	18:39	Peregrine Falcon	1	exposed calcareous rock, flying, male arrived and circled with female, landed but not seen subsequently	RV
PE036	Barnesmore Gap	16/05/2022	18:43	Peregrine Falcon	1	exposed calcareous rock, flying, female flew a short distance and stashed prey behind rock before preening	RV
PE037	Barnesmore Gap	16/05/2022	19:14	Peregrine Falcon	1	exposed calcareous rock, flying, female flew to another potential nest area	RV
PE038	Barnesmore Gap	16/05/2022	19:26	Peregrine Falcon	1	exposed calcareous rock, flying, female flew a wide circle over valley, landed briefly then flew south through valley	RV
PE039	Barnesmore Gap	16/05/2022	20:46	Peregrine Falcon	1	exposed calcareous rock, flying, female returned calling and landed into potential nest area and out of view	RV
PE040	Barnesmore Gap	21/06/2022	06:13	Peregrine Falcon	1	calcareous scree and loose rock, calling, calling in low cloud, not seen	RV
PE043	Barnesmore Gap	26/06/2023	11:58	Peregrine Falcon	1	wet grassland and exposed siliceous rock, travelling, short view of a probable juvenile. it went up over the cliffs near a suitable nest site	LD

2.4

White-tailed Eagle

Table 7 - 5 - 13 White-tailed eagle breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE001	BR6	17/04/2024	06:30	White-tailed Eagle	1	mixed broadleaved/conifer woodland, female sitting on nest, female is tagged Irish born from 2014 Mountshannon	nest with eggs; confirmed breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE002	BR6	17/04/2024	07:25	White-tailed Eagle	1	mixed broadleaved/conifer woodland and scrub, male sitting in tree hidden but flew short distance after being mobbed by two herring gull and three hooded crows, male is untagged and unringed, mature	nest with eggs; confirmed breeding	RV
WE003	BR6	17/04/2024	07:31	White-tailed Eagle	1	mixed broadleaved/conifer woodland and scrub, male flew around nest and landed on top of large pine, sat preening	nest with eggs; confirmed breeding	RV
WE004	BR6	17/04/2024	09:11	White-tailed Eagle	1	mixed broadleaved/conifer woodland and scrub, male flew back to point and landed out of view, usual perch location	nest with eggs; confirmed breeding	RV
WE005	BR6	17/04/2024	09:21	White-tailed Eagle	1	mixed broadleaved/conifer woodland, male flew into nest, took over incubating	nest with eggs; confirmed breeding	RV
WE006	BR6	17/04/2024	09:22	White-tailed Eagle	1	mixed broadleaved/conifer woodland, female flying, flew to nearby tree and began to preen	nest with eggs; confirmed breeding	RV
WE007	BR6	17/04/2024	10:19	White-tailed Eagle	1	mixed broadleaved/conifer woodland and scrub, female flying, flew to point and landed out of view, appeared to preen	nest with eggs; confirmed breeding	RV
WE008	BR6	17/04/2024	10:50	White-tailed Eagle	1	mixed broadleaved/conifer woodland, female flying, flew back to nest	nest with eggs; confirmed breeding	RV
WE009	BR6	17/04/2024	10:51	White-tailed Eagle	1	mixed broadleaved/conifer woodland, male flying, flew from tree to same tree as female earlier and preened	nest with eggs; confirmed breeding	RV
WE010	BR6	17/04/2024	12:13	White-tailed Eagle	1	mixed broadleaved/conifer woodland, male flew, left tree while I watched female, didn't see where it went (not mapped)	nest with eggs; confirmed breeding	RV
WE011	BR6	11/05/2024	17:45	White-tailed Eagle	1	mixed broadleaved/conifer woodland, incubating, male on nest when I arrived	occupied nest; confirmed breeding	RV
WE012	BR6	11/05/2024	18:44	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, female arrived high from north, circled bay, and landed on nest	occupied nest; confirmed breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE013	BR6	11/05/2024	18:49	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, male flew north from nest low over forest	occupied nest; confirmed breeding	RV
WE014	BR6	11/05/2024	19:47	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, male returned to nest carrying a large clump of grass, female began to feed tiny clutch in nest	occupied nest; confirmed breeding	RV
WE015	BR6	11/05/2024	20:17	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, male left nest, circled bay and landed in tall pine on point	occupied nest; confirmed breeding	RV
WE016	BR6	11/05/2024	20:17	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, female also left nest just after male, circled and returned to nest	occupied nest; confirmed breeding	RV
WE017	BR6	11/05/2024	20:41	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, male flew back to nest, called and landed on edge of nest, stayed at end of survey	occupied nest; confirmed breeding	RV
WE018	BR2	27/05/2024	12:38	White-tailed Eagle	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, travelling, seen briefly in Barnesmore. lost behind a ridge. nest site nearby at Lough Eske.	suitable nesting habitat; possible breeder	LD
WE019	BR6	18/06/2024	14:20	White-tailed Eagle	2	mixed broadleaved/conifer woodland, female and chick on nest, both relaxed and upright, visible	nest with young; confirmed breeding	RV
WE020	BR6	18/06/2024	14:43	White-tailed Eagle	1	mixed broadleaved/conifer woodland, male flying, arrived with prey, probably male mallard	adult carrying food/faecal sac; confirmed breeding	RV
WE021	BR6	18/06/2024	14:44	White-tailed Eagle	1	mixed broadleaved/conifer woodland, male flying, flew to tree behind nest after around 40 seconds, female mantled and plucked prey, and fed chick	nest with young; confirmed breeding	RV
WE022	BR6	18/06/2024	15:11	White-tailed Eagle	1	mixed broadleaved/conifer woodland and eutrophic lakes, circling, female left nest and circled over bay to south	nest with young; confirmed breeding	RV
WE023	BR6	18/06/2024	15:32	White-tailed Eagle	1	mixed broadleaved/conifer woodland and eutrophic lakes, circling, male flew north from perch, circled back over nest and joined by female, both circled together south over vantage point	nest with young; confirmed breeding	RV
WE024	BR6	18/06/2024	15:36	White-tailed Eagle	1	eutrophic lakes and mixed broadleaved/conifer woodland, circling, female joined male, both called and circled together	nest with young; confirmed breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE025	BR6	20/06/2024	06:20	White-tailed Eagle	2	mixed broadleaved/conifer woodland, sitting on nest, female and chick sitting on nest throughout. chick was low in nest and head only seen occasionally. female stood over it, no feeding or brooding seen.	nest with young; confirmed breeding	RV
WE026	BR6	23/07/2024	10:54	White-tailed Eagle	1	conifer plantation and lakes and ponds, perched, adult present, close to the nest site that has been monitored this season.	pair; probable breeding	LD
WE027	BR6	23/07/2024	11:09	White-tailed Eagle	1	conifer plantation and lakes and ponds, calling, another eagle was heard calling from behind the treeline, whilst the adult was perched.	permanent territory; probable breeding	LD
WE028	BR6	23/07/2024	11:13	White-tailed Eagle	1	conifer plantation and lakes and ponds, calling, heard again whilst the adult was perched.	permanent territory; probable breeding	LD
WE029	BR6	23/07/2024	11:29	White-tailed Eagle	1	conifer plantation and lakes and ponds, travelling, adult flying away over conifers close to Lough Eske.	pair; probable breeding	LD
WE030	BR6	23/07/2024	12:20	White-tailed Eagle	1	conifer plantation and wet grassland, travel, perch, adult flew in again besides Lough Eske.	pair; probable breeding	LD
WE031	BR6	23/07/2024	12:33	White-tailed Eagle	1	conifer plantation and lakes and ponds, calling, heard calling again intermittently, whilst the adult was perched.	permanent territory; probable breeding	LD
WE032	BR6	23/07/2024	13:12	White-tailed Eagle	1	conifer plantation and lakes and ponds, travelling, adult flew over conifers again out of view.	pair; probable breeding	LD
WE033	BR6	23/07/2024	13:25	White-tailed Eagle	1	conifer plantation and lakes and ponds, calling, heard again intermittently, whilst the adult was perched. no other eagle was observed.	permanent territory; probable breeding	LD
WE034	BR6	22/08/2024	13:40	White-tailed Eagle	1	semi-natural woodland and lakes and ponds, flying, calling, landing, juvenile, observed over lake before descending into woodland, same location as adult pair observed earlier in the season.	fledged young; confirmed breeding	CM
WE035	BR6	14/04/2025	17:00	White-tailed Eagle	1	mixed broadleaved/conifer woodland, brooding, tagged female on nest, sat tight for most of survey, shifted and rearranged nest lining for a few minutes around 18:36 as sun came out, male not seen or heard.	probable nest site; probable breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE036	BR6	14/05/2025	18:10	White-tailed Eagle	3	mixed broadleaved/conifer woodland, nesting, feeding young, female and two chicks in nest. sat tight until 19:17 then shuffled and began to feed chicks from a carcass on side of nest, possibly a badger.	nest with eggs; confirmed breeding	RV
WE037	BR6	14/05/2025	19:23	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, perched, male arrived from behind nest, landed in conifers 100m from nest.	nest with eggs; confirmed breeding	RV
WE038	BR6	14/05/2025	19:41	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, landing, male flew to nest and pair shuffled about, male tried to incubate but female pushed him off nest to outer branches.	nest with eggs; confirmed breeding	RV
WE039	BR6	14/05/2025	19:44	White-tailed Eagle	1	mixed broadleaved/conifer woodland, flying, male flew from nest and landed out of views. raven and hooded crow mobbed area until end of survey.	nest with eggs; confirmed breeding	RV
WE040	BR6	18/06/2025	11:15	White-tailed Eagle	1	mixed broadleaved/conifer woodland and scrub, perched, ad female, yellow/purple tag 2 on tree near the point. called on a few occasions, presumed male replied at 13:27 and 13:35, but was not seen. both heard again as I left site at 14:20	nest with young; confirmed breeding	RV
WE041	BR6	18/06/2025	11:15	White-tailed Eagle	1	mixed broadleaved/conifer woodland, in nest, downy chick in nest, chick was ringed 28/06 and sexed as a male.	nest with young; confirmed breeding	RV
WE042	BR6	07/07/2025	16:00	White-tailed Eagle	1	mixed broadleaved/conifer woodland, on nest, juvenile male on nest, recently ringed	nest with young; confirmed breeding	RV
WE043	BR6	07/07/2025	16:28	White-tailed Eagle	1	mixed broadleaved/conifer woodland, provisioning, adult arrived with food, long and rigid, likely mammal leg. upperparts not seen clearly, no tags.	nest with young; confirmed breeding	RV
WE044	BR6	07/07/2025	16:29	White-tailed Eagle	1	mixed broadleaved/conifer woodland, left nest, remained on nest for less than 40 seconds, no attempt to feed chick or interact, left low and upperparts not seen.	nest with young; confirmed breeding	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
WE045	BR6	07/07/2025	16:54	White-tailed Eagle	1	mixed broadleaved/conifer woodland, provisioning, female arrived with large prey item, fed chick and interacted until 18:00, then sat on nest edge preening until end of vp.	nest with young; confirmed breeding	RV

Table 7 - 5 - 14 White-tailed eagle incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WE001	Waterbird Distribution Survey; Lough Eske	05/12/2023	12:55	White-tailed Eagle	2	lakes and ponds; courtship, one of the eagles had orange tag on the left wing.	EP
WE004	Waterbird Distribution Survey; Lough Eske	28/05/2024	17:38	White-tailed Eagle	1	lakes and ponds, conifer plantation and bogs; flying, observed flying low over peninsula before ascending with another eagle, both flew together briefly, second bird returned to trees while first soared over lake and mountain to the north.	CM
WE005	Waterbird Distribution Survey; Lough Eske	28/05/2024	17:41	White-tailed Eagle	1	lakes and ponds and riparian woodland; flying, flew up from trees with another eagle before descending back down into the woodland.	CM
WE007	Waterbird Distribution Survey; Lough Eske	05/09/2024	16:30	White-tailed Eagle	1	bogs and lakes and ponds; soaring, un-aged white-tailed eagle soaring at high altitude towards Lough Eske from north-west	CM
WE008	Waterbird Distribution Survey; Lough Eske	05/09/2024	16:47	White-tailed Eagle	1	lakes and ponds and riparian woodland; flying, perching, juvenile white-tailed eagle, flew low over lake, perched for 3 minutes before flying towards woods on south lake shore.	CM
WE009	Waterbird Distribution Survey; Lough Eske	19/09/2024	11:54	White-tailed Eagle	1	lakes and ponds and riparian woodland; flying, landing, adult white-tailed eagle flew low over the lake and landed in forest.	CM
WE010	Waterbird Distribution Survey; Lough Eske	19/09/2024	15:30	White-tailed Eagle	1	lakes and ponds; flying, adult white-tailed eagle flying low over Lough Eske	CM

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
WE011	Waterbird Distribution Survey; Lough Eske	20/11/2024	16:30	White-tailed Eagle	2	watercourses and conifer plantation; flying, perching, calling, adult observed flying over the lake and landing beside a second adult bird, both stayed perched and calling.	CM
WE012	Waterbird Distribution Survey; Lough Eske	20/11/2024	16:57	White-tailed Eagle	2	watercourses and conifer plantation; perching, flying, pair of adult eagles took flight from tall conifer, one continued across the lake, one landed on a rock where it was mobbed by jackdaws.	CM
WE015	Waterbird Distribution Survey; Lough Eske	25/03/2025	08:27	White-tailed Eagle	2	riparian woodland; perching, adult pair perching in treetops	CM
WE016	Waterbird Distribution Survey; Lough Eske	30/04/2025	17:28	White-tailed Eagle	1	semi-natural woodland; nesting, non-flight. adult observed sitting on nest.	CM
WE017	Waterbird Distribution Survey; Lough Eske	13/05/2025	16:07	White-tailed Eagle	1	semi-natural woodland; nesting, adult sitting on nest, no chicks or mate observed.	CM
WE018	Waterbird Distribution Survey; Lough Eske	23/05/2025	13:25	White-tailed Eagle	4	semi-natural woodland; provisioning young, feeding, adult with fish returning to nest where mate was waiting with chicks, appeared to be two chicks.	CM

2.5

Grey wagtail

Table 7 - 5 - 15 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	VP5	13/03/2024	09:09	Grey Wagtail	1	15	15	0	0	0	conifer plantation and bogs; flying	CM
GL003	VP2	04/04/2024	18:26	Grey Wagtail	1	12	12	0	0	0	wet grassland and scrub; foraging, pair seen near vp5 during last month's walkover.	LD

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GL004	VP2	04/04/2024	19:05	Grey Wagtail	2	15	15	0	0	0	semi-natural grassland and scrub; foraging together, pair now present.	LD
GL005	VP2	29/04/2024	15:51	Grey Wagtail	1	8	8	0	0	0	wet grassland and scrub; travelling, calling, seen again, where a pair has been picked up twice.	LD
GL006	VP2	08/05/2024	14:09	Grey Wagtail	1	7	7	0	0	0	wet grassland, scrub and conifer plantation; travelling, seen here again. pair present previously.	LD
GL007	VP5	17/05/2024	09:34	Grey Wagtail	1	8	8	0	0	0	improved agricultural grassland; travelling	FOD
GL008	VP4	20/05/2024	07:48	Grey Wagtail	1	19	19	0	0	0	bogs; foraging	FOD
GL009	VP3	20/06/2024	10:14	Grey Wagtail	1	-	-	-	-	-	conifer plantation; singing	FOD
GL010	VP2	02/09/2024	07:40	Grey Wagtail	1	5	5	0	0	0	wet grassland, lakes and ponds and conifer plantation; travelling, calling in flight. regular sightings of a pair here during the breeding season.	LD
GL011	VP5	28/05/2025	06:12	Grey Wagtail	1	8	8	0	0	0	buildings and artificial surfaces; flying	NS
GL012	VP5	28/05/2025	08:32	Grey Wagtail	1	12	12	0	0	0	buildings and artificial surfaces; flying	NS
GL013	VP2	04/06/2025	06:48	Grey Wagtail	3	6	6	0	0	0	wet grassland, scrub and lakes and ponds; travelling, three birds in flight. presumably a pair and juvenile, as the adults were seen here recently.	LD
GL014	VP2	04/06/2025	07:21	Grey Wagtail	2	26	26	0	0	0	wet grassland, lakes and ponds and conifer plantation; foraging, juvenile confirmed, feeding with an adult in close attendance.	LD
GL015	VP5	16/06/2025	14:55	Grey Wagtail	1	6	6	0	0	0	exposed sand, gravel or till; travelling	NS

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
GL016	VP5	16/06/2025	15:20	Grey Wagtail	1	8	8	0	0	0	exposed sand, gravel or till; travelling	NS
GL017	VP5	16/06/2025	15:34	Grey Wagtail	1	8	8	0	0	0	exposed sand, gravel or till; flying	NS
GL018	VP5	16/06/2025	15:59	Grey Wagtail	1	12	12	0	0	0	exposed sand, gravel or till; flying, calling	NS
GL019	VP5	16/06/2025	18:10	Grey Wagtail	1	10	10	0	0	0	exposed sand, gravel or till; flying, calling	NS
GL020	VP2	17/06/2025	13:51	Grey Wagtail	2	26	26	0	0	0	wet grassland and lakes and ponds; travelling, adult and juvenile foraging around the drainage channels. successful breeding here.	LD
GL021	VP5	03/07/2025	09:41	Grey Wagtail	2	18	18	0	0	0	wet grassland, scrub and lakes and ponds; travelling, successful breeding here, with an adult and juvenile present, foraging around the drainage channels and edge of forestry.	LD
GL022	VP2	03/07/2025	16:10	Grey Wagtail	2	12	12	0	0	0	wet grassland, lakes and ponds and scrub; travelling, two birds together, calling in flight to the north-east. adults and a juvenile have been present in the area over the past few weeks.	LD
GL023	VP5	08/07/2025	14:56	Grey Wagtail	1	17	17	0	0	0	wet grassland and lakes and ponds; travelling, calling in flight. adults and a juvenile have been present in the area over the past few weeks.	LD
GL024	VP2	25/09/2025	07:58	Grey Wagtail	1	8	8	0	0	0	wet grassland and lakes and ponds; travelling, calling in flight through the clearing where a pair bred earlier in the season.	LD

Table 7 - 5 - 16 Grey wagtail winter walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GL001	04/03/2024	09:18	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, same location as last year, near the pond (wintering)	LD
GL002	04/03/2024	10:26	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, foraging near a stream (wintering)	LD
GL003	04/03/2024	10:28	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, second, possible pair bird nearby (wintering)	LD
GL004	13/03/2024	14:37	T1	Grey Wagtail	1	wet grassland and scrub; travelling, calling in flight (wintering)	LD
GL005	13/03/2024	14:38	T1	Grey Wagtail	1	wet grassland and scrub; singing, foraging, pair bird. male on territory (singing male; possible breeder)	LD
GL006	05/03/2025	15:38	T1	Grey Wagtail	1	recently-felled woodland; foraging (wintering)	CM

Table 7 - 5 - 17 Grey wagtail breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GL001	03/04/2024	12:54	not recorded	Grey Wagtail	1	wet grassland and scrub; travelling, observed closer to where a pair was seen near vp5 here last time. (suitable nesting habitat; possible breeder)	LD
GL003	04/04/2024	12:44	not recorded	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, another grey wagtail observed here. (suitable nesting habitat; possible breeder)	LD
GL004	04/04/2024	13:41	not recorded	Grey Wagtail	2	lakes and ponds, scrub and wet grassland; foraging, travelling, pair seen in the same location as last year. (suitable nesting habitat; possible breeder)	LD
GL007	18/04/2024	12:17	not recorded	Grey Wagtail	2	mesotrophic lakes; foraging, pair present here again. (permanent territory; probable breeding)	LD
GL008	01/05/2024	08:04	not recorded	Grey Wagtail	1	wet grassland and scrub; foraging, flushed from clearfell and bog. (suitable nesting habitat; possible breeder)	LD
GL009	01/05/2024	09:47	not recorded	Grey Wagtail	1	lakes and ponds and wet grassland; foraging, singing, male on territory here again by the excavated pool. (singing male; possible breeder)	LD
GL010	20/05/2024	10:23	not recorded	Grey Wagtail	1	wet grassland, scrub and conifer plantation; travelling, seen here again on territory. (permanent territory; probable breeding)	LD

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GL011	10/06/2024	09:44	not recorded	Grey Wagtail	1	wet grassland and lakes and ponds; foraging, travelling, adult near a drainage channel with water. close to t16 base. (suitable nesting habitat; possible breeder)	LD
GL012	10/06/2024	10:26	not recorded	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; foraging, travelling, present here again. (permanent territory; probable breeding)	LD
GL013	25/06/2024	08:33	not recorded	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, in flight besides the small stream. (suitable nesting habitat; possible breeder)	LD
GL014	08/07/2024	09:07	T1	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, foraging, present here once again. (permanent territory; probable breeding)	LD
GL015	08/07/2024	09:11	T1	Grey Wagtail	1	scrub and lakes and ponds; travelling, foraging, juvenile, not far from the adult. (fledged young; confirmed breeding)	LD
GL016	22/07/2024	07:53	T2	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, present here once again. (permanent territory; probable breeding)	LD
GL017	22/07/2024	11:06	T1	Grey Wagtail	1	wet grassland and scrub; foraging, present again here on territory. (permanent territory; probable breeding)	LD
GL018	22/07/2024	12:22	T1	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, adult and juvenile observed here recently. (permanent territory; probable breeding)	LD
GL019	01/04/2025	09:38	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, calling in flight near the stream. (suitable nesting habitat; possible breeder)	LD
GL020	02/04/2025	10:10	T1	Grey Wagtail	1	lakes and ponds, wet grassland and scrub; singing, male in song near the stream. (suitable nesting habitat; possible breeder)	LD
GL021	02/04/2025	10:26	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, second bird flying from the quarry pool. probable pair. the male was in song close by, and a pair was present here last year. (pair; probable breeding)	LD
GL022	13/05/2025	08:01	T1	Grey Wagtail	1	wet grassland and lakes and ponds; travelling, in song and territory, besides a small pool. (singing male; possible breeder)	LD
GL023	13/05/2025	08:56	T1	Grey Wagtail	2	wet grassland, scrub and lakes and ponds; foraging, pair observed together. not sure if this was the same male in song from earlier. (pair; probable breeding)	LD
GL024	19/05/2025	06:38	T2	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, observed here once again. (permanent territory; probable breeding)	LD

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
GL025	10/06/2025	07:48	T1	Grey Wagtail	1	wet grassland and lakes and ponds; travelling, male in song in the same location as last month. established territory here. (courtship and display; probable breeding)	LD
GL026	10/06/2025	08:34	T1	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, calling in flight. second wagtail this morning, close to the same location as last month. (permanent territory; probable breeding)	LD
GL027	10/06/2025	09:03	T1	Grey Wagtail	2	wet grassland, scrub and lakes and ponds; travelling, third wagtail this morning. joined shortly by the second seen shortly before to the south-west. (pair; probable breeding)	LD
GL028	23/06/2025	10:26	T2	Grey Wagtail	1	wet grassland, lakes and ponds and conifer plantation; travelling, present here once again. pair, with juvenile seen around here and the vp2 area feeding in the drainage channels. (pair; probable breeding)	LD
GL029	23/06/2025	10:48	T2	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, second sighting of the morning. not sure if it was the pair bird or a juvenile in flight, which was present here last time. (pair; probable breeding)	LD
GL030	23/06/2025	11:47	T2	Grey Wagtail	1	wet grassland, lakes and ponds and scrub; travelling, another wagtail in flight further east as well. (permanent territory; probable breeding)	LD
GL031	08/07/2025	12:19	T1	Grey Wagtail	1	lakes and ponds and wet grassland; travelling, calling in flight near the Mourne Beg river (permanent territory; probable breeding)	LD

Table 7 - 5 - 18 Grey wagtail incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL004	Breeding Raptor Survey; BR4	18/04/2024	10:00	Grey Wagtail	5	peatlands and conifer plantation; displaying, 2 pairs and a single male on walkover	RV
GL005	Breeding Raptor Survey; BR3	02/05/2024	14:21	Grey Wagtail	1	lakes and ponds and wet grassland; foraging, seen here again by the excavated pool walking a transect.	LD
GL006	Breeding Raptor Survey; Stream by road	15/05/2024	13:15	Grey Wagtail	2	eroding/upland rivers; alarm calling, pair alarm calling along stream	RV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
GL007	Breeding Raptor Survey; On walk back from vantage point	16/05/2024	21:29	Grey Wagtail	2	conifer plantation; alarm calling, alarm calling from flooded turbine base	RV
GL008	Vantage Point Survey; VP2	21/05/2024	07:17	Grey Wagtail	1	wet grassland and scrub; travelling, foraging, seen here again, where a pair have been present around vp2 and vp5	LD
GL009	Waterbird Distribution Survey; VP5	29/05/2024	12:10	Grey Wagtail	2	bogs and conifer plantation; flitting	CM
GL010	Breeding Raptor Survey; BR4	10/06/2024	14:06	Grey Wagtail	1	eroding/upland rivers; flying, flyover calling along stream	RV
GL011	Breeding Raptor Survey; BR4	10/06/2024	18:49	Grey Wagtail	1	eroding/upland rivers; flying, flyover calling	RV
GL012	Breeding Raptor Survey; BR3	18/06/2024	07:19	Grey Wagtail	1	wet grassland and lakes and ponds; travelling, calling in flight.	LD
GL013	Breeding Raptor Survey; BR3	18/06/2024	10:56	Grey Wagtail	1	wet grassland and lakes and ponds; travelling, second grey wagtail observation.	LD
GL015	Breeding Raptor Survey; BR4	23/07/2024	10:01	Grey Wagtail	1	lakes and ponds and wet grassland; foraging, calling in flight near the stream.	LD
GL018	Breeding Raptor Survey; BR1a	08/04/2025	09:08	Grey Wagtail	1	wet grassland, scrub and lakes and ponds; travelling, calling in flight near the stream.	LD
GL019	Breeding Raptor Survey; BR1a	08/05/2025	10:39	Grey Wagtail	1	wet grassland and lakes and ponds; travelling, calling in flight near the stream and Mourne Beg river.	LD
GL021	Waterbird Distribution Survey; Meenbog quarry pond	22/05/2025	10:10	Grey Wagtail	5	other artificial lakes and ponds; breeding, foraging, two adults feeding juveniles, potentially more calling but unseen.	CM
GL023	Breeding Raptor Survey; BR1a	19/06/2025	08:06	Grey Wagtail	2	wet grassland and lakes and ponds; travelling, adult and juvenile bird present here once again. successful breeding.	LD
GL024	Breeding Raptor Survey; BR1a	25/06/2025	09:36	Grey Wagtail	2	wet grassland and lakes and ponds; travelling, an adult and a juvenile present in the same area as previously recorded.	LD

2.6

Kestrel

Table 7 - 5 - 19 Kestrel breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.003	BR3	22/06/2024	05:51	Kestrel	1	montane heath, carrying prey, male flying direct	adult carrying food/faecal sac; confirmed breeding	RV
K.004	BR2	24/06/2024	18:05	Kestrel	1	eroding blanket bog and conifer plantation, hunting, female hunting across a wide area for over 8 minutes. pair seen visiting nest closer to road recently, site no visible from vantage point.	suitable nesting habitat; possible breeder	RV
K.030	BR3	18/06/2025	18:51	Kestrel	1	montane heath, hunting/provisioning, female caught prey and carried to nest on south-west of valley	nest with young; confirmed breeding	RV
K.031	BR3	18/06/2025	18:59	Kestrel	1	montane heath, hunting, female left nest and began hunting to south again	nest with young; confirmed breeding	RV
K.032	BR3	18/06/2025	19:54	Kestrel	1	montane heath, provisioning, male carrying prey to nest, not seen to leave	nest with young; confirmed breeding	RV
K.034	BR3	18/06/2025	20:39	Kestrel	1	montane heath, provisioning, female carrying prey to nest, 2-3 chicks seen wing flapping on ledge	nest with young; confirmed breeding	RV
K.035	BR3	18/06/2025	20:42	Kestrel	1	montane heath, hunting, female flew from nest and hunted along east slope	nest with young; confirmed breeding	RV
K.036	BR3	18/06/2025	21:06	Kestrel	1	montane heath, provisioning, flew into nest with prey	nest with young; confirmed breeding	RV
K.037	BR3	18/06/2025	21:11	Kestrel	1	montane heath, hunting, flew from nest and began hunting along slope. male quite female like, no strong grey on head or tail, often difficult to sex birds due to distance or light. male previously seen to north of vp2 was much more contrasting	nest with young; confirmed breeding	RV

Table 7 - 5 - 20 Kestrel connectivity vantage point survey data

Ref.	CMVP	Date	Time	Species	Number	Duration of flight (s)	Habitat and activity	Surveyor
K.001	CMVP1	23/06/2024	13:51	Kestrel	1	non-flight	conifer plantation, eroding blanket bog and scrub; flying, male carrying prey to isolated pines around ruin on west side of road	RV

Ref.	CMVP	Date	Time	Species	Number	Duration of flight (s)	Habitat and activity	Surveyor
K.002	CMVP1	23/06/2024	13:53	Kestrel	1	non-flight	eroding blanket bog; hunting, male flew from pines and hunted along slope	RV
K.003	CMVP1	23/06/2024	14:40	Kestrel	1	non-flight	conifer plantation and eroding blanket bog; flying, perched, female flew from pines and landed on telephone pole. still present at 15:00, but not seen after.	RV
K.004	CMVP1	23/06/2024	17:36	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; flying, flew into pines, I didn't see it clearly and if it carried anything	RV
K.005	CMVP1	23/06/2024	17:37	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; flying, perched, male left pines after 90 seconds and landed on pole	RV
K.006	CMVP1	23/06/2024	18:01	Kestrel	1	non-flight	eroding blanket bog; flying, male flew north low from pole	RV
K.007	CMVP1	23/06/2024	18:11	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; carrying prey, male returned to nest area carrying food	RV
K.008	CMVP1	23/06/2024	18:14	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; flying, female north-east across road but lost quickly due to terrain	RV
K.009	CMVP1	23/06/2024	18:25	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; hunting, male left nest and hunted along slope behind	RV
K.010	CMVP1	23/06/2024	18:49	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; flying, female returned low to nest	RV
K.011	CMVP1	23/06/2024	19:24	Kestrel	1	non-flight	eroding blanket bog and conifer plantation; flying, male left trees, not seen to arrive, flew low north-west	RV

Table 7 - 5 - 21 Kestrel supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
K.012	Barrack Hill	11/05/2022	15:13	Kestrel	1	lowland blanket bog, hunting, flying, male flew up valley and appeared to land on rocky hillside	RV
K.013	Barrack Hill	11/05/2022	15:42	Kestrel	1	lowland blanket bog, flying, male flew across open ground	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
K.015	Barrack Hill	11/05/2022	19:16	Kestrel	1	lowland blanket bog, flying, male hunting before flying up hill and appearing to land	RV
K.016	Barrack Hill	11/05/2022	19:17	Kestrel	1	lowland blanket bog, flying, female flew from area male had just landed	RV
K.017	Barrack Hill	11/05/2022	20:10	Kestrel	1	lowland blanket bog, flying, female returned along hillside, no sign of male	RV
K.018	Barrack Hill	01/06/2022	14:51	Kestrel	1	conifer plantation, mobbing, mobbing harrier	AOD
K.024	Barrack Hill	29/06/2022	12:17	Kestrel	1	upland blanket bog, hunting, male hunting along hillside	RV
K.025	Barrack Hill	29/06/2022	12:59	Kestrel	1	upland blanket bog, hunting, male hunting along the hillside	RV
K.026	Barrack Hill	29/06/2022	17:19	Kestrel	1	upland blanket bog, hunting, hunting over hillside	RV

2.7

Red grouse

Table 7 - 5 - 22 Red grouse vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
RG001	VP1	09/05/2025	05:16	Red Grouse	1	-	-	-	-	-	bogs; calling, heard call once, not seen.	CM

Table 7 - 5 - 23 Red grouse breeding red grouse survey data

Ref.	Transect	Date	Time	Species	Number	Habitat and activity	Surveyor
RG001	T3	06/03/2024	14:04	Red Grouse	1	bogs, territorial calls, male, off site	NM
RG002	T3	24/03/2025	12:06	Red Grouse	1	bogs, flying low, calling, low across moorland, dropping into heather	NM

Table 7 - 5 - 24 Red grouse incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RG013	Waterbird Distribution Survey; Lough Nabrackboy	17/04/2024	14:23	Red Grouse	1	bogs; flushed	CM
RG014	Breeding Raptor Survey; Barnesmore mast	30/07/2024	16:30	Red Grouse	2	bogs; flushed, calling	CM
RG021	Breeding Red-throated Diver Survey; Lough Golagh	23/04/2025	10:10	Red Grouse	1	bogs; flushed, calling, observed during survey break, emerged calling from heather.	CM
RG022	Breeding Raptor Survey; BR8	24/04/2025	21:01	Red Grouse	1	upland blanket bog; flushed, male, flushed from roadside on walk back, calling in fading light.	RV
RG023	Waterbird Distribution Survey; Barnesmore wind farm	13/05/2025	18:10	Red Grouse	1	bogs; flushed, calling	CM
RG024	Breeding Raptor Survey; BR8	15/05/2025	21:39	Red Grouse	1	eroding blanket bog; calling, male calling in similar location to one flushed last month, near office buildings.	RV

2.8

Snipe

Table 7 - 5 - 25 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
SN039	VP3	03/04/2025	21:01	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard to the east of the vantage point in wet grassland after dusk.	LD
SN040	VP3	03/04/2025	21:06	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard again to the east of the vantage point in wet grassland after dusk.	LD
SN041	VP3	03/04/2025	21:08	Snipe	1	29	9	20	0	0	wet grassland and lakes and ponds; display, drumming in display flight above the farmland/moor.	LD

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN042	VP2	08/04/2025	21:00	Snipe	1	300	300	0	0	0	conifer plantation; calling, drumming, displaying	SD
SN044	VP3	02/06/2025	07:52	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard to the east from wet grassland. drumming in display flight in the same place during last month's survey.	LD
SN045	VP3	02/06/2025	08:02	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard again from the same area.	LD
SN046	VP3	02/06/2025	08:17	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard again from the same area.	LD
SN047	VP3	18/06/2025	06:38	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard here once again on territory. regular presence here for the past few weeks.	LD
SN048	VP3	18/06/2025	06:51	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard again from the same spot. regular presence here for the past few weeks.	LD
SN049	VP3	10/07/2025	09:26	Snipe	1	-	-	-	-	-	wet grassland; chipping, heard from wet grassland. a regular presence here this breeding season.	LD
SN050	VP3	10/07/2025	10:04	Snipe	1	-	-	-	-	-	wet grassland; chipping, heard again from the same area of wet grassland.	LD
SN051	VP3	10/07/2025	10:42	Snipe	1	54	4	50	0	0	wet grassland and lakes and ponds; chipping earlier, and then and then seen up drumming in display flight close to the vp	LD

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN052	VP3	16/07/2025	09:12	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, snipe still present and chipping from wet grassland close to the vantage point. a regular presence since late spring.	LD
SN053	VP3	16/07/2025	09:21	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard again from the same location. no drumming thus far today.	LD
SN054	VP3	16/07/2025	11:04	Snipe	1	-	-	-	-	-	wet grassland and lakes and ponds; chipping, heard once again, even in the late morning.	LD

Table 7 - 5 - 26 Snipe breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
SN001	13/05/2025	07:58	T1	Snipe	1	wet grassland and lakes and ponds; chipping, heard from wet, grassland moor. (courtship and display; probable breeding)	LD
SN002	15/05/2025	07:57	T1	Snipe	1	wet grassland and lakes and ponds; chipping, heard from wet, grassland moor. (courtship and display; probable breeding)	LD
SN003	15/05/2025	08:01	T1	Snipe	1	wet grassland and lakes and ponds; drumming, up in display flight over the moorland. (courtship and display; probable breeding)	LD
SN004	10/06/2025	06:17	T1	Snipe	1	wet grassland and lakes and ponds; drumming, second snipe heard further north. this time up in display flight. (courtship and display; probable breeding)	LD
SN005	10/06/2025	06:17	T1	Snipe	1	wet grassland and lakes and ponds; chipping, first bird heard chipping again, at the same time as the second was drumming. (courtship and display; probable breeding)	LD
SN006	10/06/2025	06:44	T1	Snipe	1	wet grassland and lakes and ponds; chipping, third snipe heard from wet grassland moor, further south than the other two. (courtship and display; probable breeding)	LD
SN007	10/06/2025	06:45	T1	Snipe	1	wet grassland and lakes and ponds; chipping, heard from wet grassland moor. also heard recently from vp3. (permanent territory; probable breeding)	LD

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
SN008	08/07/2025	07:09	T1	Snipe	1	wet grassland and lakes and ponds; chipping, heard from wet farmland fields, which has been present in the same place during the breeding season. (permanent territory; probable breeding)	LD

Table 7 - 5 - 27 Snipe waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN013	Barnesmore	29/04/2025	16:07	Snipe	1	bogs; calling, chipping, heard not seen	CM
SN014	Barnesmore	12/05/2025	19:28	Snipe	1	bogs; chipping, heard, not seen.	CM
SN015	Barnesmore Wind Farm	13/05/2025	17:35	Snipe	1	bogs; chipping, heard, not seen	CM

Table 7 - 5 - 28 Snipe incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN020	Breeding Raptor Survey; BR3	18/06/2024	07:16	Snipe	1	wet grassland and lakes and ponds; chipping, heard from wet grassland.	LD
SN021	Breeding Raptor Survey; BR3	18/06/2024	10:06	Snipe	1	wet grassland and lakes and ponds; chipping, second snipe heard from wet grassland.	LD
SN022	Breeding Raptor Survey; BR5	28/06/2024	20:45	Snipe	1	eroding blanket bog; displaying, some chipping heard and one flyover drumming	RV
SN024	Breeding Raptor Survey; BR8	29/06/2024	22:20	Snipe	1	acid oligotrophic lakes; displaying, chipping and drumming over marshy lake	RV
SN042	Breeding Red Grouse Survey; T2	24/03/2025	10:41	Snipe	3	bogs; chipping, flitting, adjacent to bog pool, numbers rough	NM
SN051	Breeding Raptor Survey; BR8	24/04/2025	17:25	Snipe	1	upland blanket bog; flushed, flushed from side of road	RV

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN052	Breeding Raptor Survey; BR8	15/05/2025	21:34	Snipe	1	eroding blanket bog; flushed, flushed from roadside ditch, flushed from same place last month.	RV
SN053	Breeding Raptor Survey; BR1a	25/06/2025	10:58	Snipe	1	wet grassland and lakes and ponds; drumming, up for over five minutes in display flight.	LD
SN054	Vantage Point Survey; VP4	10/07/2025	05:46	Snipe	2	wet grassland and lakes and ponds; chipping, heard on the way to the vantage point. a regular presence here during the breeding season	LD
SN055	Vantage Point Survey; VP4	10/07/2025	05:46	Snipe	1	wet grassland and lakes and ponds; chipping, second bird heard from wet grassland, slightly further north.	LD

2.9

Buzzard

Table 7 - 5 - 29 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
BZ028	VP3	15/07/2024	08:46	Buzzard	1	54	50	4	0	0	wet grassland and conifer plantation; hunting, circling, up high away to the east, where an adult and juvenile have been observed.	LD
BZ039	VP3	10/01/2025	13:52	Buzzard	2	314	0	0	314	0	conifer plantation; displaying, circling	CM
BZ045	VP2	07/03/2025	12:38	Buzzard	1	163	0	0	0	163	conifer plantation; circling, soaring, joined by a second buzzard and new flight line started.	CM
BZ046	VP2	07/03/2025	12:39	Buzzard	2	274	0	0	18	256	conifer plantation; circling, soaring, pair circling before descending rapidly together into forestry.	CM
BZ049	VP3	10/03/2025	11:55	Buzzard	2	7	0	7	0	0	conifer plantation; flying, pair descending towards forestry.	CM
BZ053	VP6	09/04/2025	18:21	Buzzard	2	600	0	60	240	300	conifer plantation; soaring, displaying	SD

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
BZ066	VP3	16/07/2025	09:38	Buzzard	1	184	14	170	0	0	wet grassland, scrub and conifer plantation; hunting, travelling, seen hunting high again, away to the east. regular sightings and a territory between here and vp4.	LD
BZ073	VP3	19/09/2025	08:47	Buzzard	1	88	3	85	0	0	wet grassland and conifer plantation; hunting, circling, seen away to the east of the vantage point. regular observations in this area, with a pair breeding in forestry close to vp4 earlier in the season.	LD

Table 7 - 5 - 30 Buzzard breeding walkover survey data

Ref.	Date	Time	Transect	Species	Number	Habitat and activity	Surveyor
BZ005	10/06/2024	09:11	not recorded	Buzzard	1	conifer plantation, wet grassland and dry siliceous heath; hunting, escorting, adult up soaring together with a juvenile. (fledged young; confirmed breeding)	LD
BZ006	10/06/2024	09:11	not recorded	Buzzard	1	wet grassland, dry siliceous heath and conifer plantation; soaring, travelling, first juvenile up soaring together with an adult. (fledged young; confirmed breeding)	LD
BZ007	25/06/2024	11:06	not recorded	Buzzard	1	conifer plantation, scrub and wet grassland; hunting, circling, adult present here again. (permanent territory; probable breeding)	LD
BZ009	08/07/2024	08:04	T1	Buzzard	1	wet grassland, conifer plantation and scrub; calling, heard but not seen. regular sightings here though, including a juvenile. (permanent territory; probable breeding)	LD
BZ010	22/07/2024	11:58	T1	Buzzard	1	conifer plantation, wet grassland and scrub; calling, not seen, but present in the same area once again. (permanent territory; probable breeding)	LD
BZ011	22/07/2024	12:04	T1	Buzzard	1	conifer plantation, scrub and wet grassland; travelling, in flight after calling earlier. (permanent territory; probable breeding)	LD
BZ014	10/06/2025	09:28	T1	Buzzard	1	wet grassland, conifer plantation and scrub; travelling, in flight over open moorland and conifers. pair present to the east of vp4 for the past few seasons. (permanent territory; probable breeding)	LD
BZ016	08/07/2025	09:50	T1	Buzzard	1	wet grassland and conifer plantation; hunting, travelling, observed away to the east. juvenile also present with the adult from vp4 (pair; probable breeding)	LD

Table 7 - 5 - 31 Buzzard breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ003	BR2	09/05/2024	09:45	Buzzard	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, circling, adult, close to where a pair was observed recently.	permanent territory; probable breeding	LD
BZ004	BR2	09/05/2024	10:16	Buzzard	1	exposed siliceous rock, wet grassland and conifer plantation, hunting, circling, observed here again.	permanent territory; probable breeding	LD
BZ007	BR2	27/05/2024	10:23	Buzzard	1	conifer plantation and wet grassland, calling, heard where a pair was seen recently.	permanent territory; probable breeding	LD
BZ009	BR4	10/06/2024	19:13	Buzzard	1	recently-felled woodland, circling, circled and dropped into probable nest site	suitable nesting habitat; possible breeder	RV
BZ011	BR3	18/06/2024	10:44	Buzzard	1	conifer plantation and wet grassland, hunting, circling, observed where I saw an adult with a juvenile last week.	permanent territory; probable breeding	LD
BZ013	BR6	18/06/2024	14:58	Buzzard	1	mixed broadleaved/conifer woodland, flying, flew south-west behind white-tailed eagle nest	suitable nesting habitat; possible breeder	RV
BZ016	BR7	12/07/2024	14:40	Buzzard	1	wet grassland, conifer plantation and exposed siliceous rock, hunting, travelling, adult seen over conifers where a pair has been observed near br3 in Barnesmore.	pair; probable breeding	LD
BZ019	BR3	07/08/2024	14:47	Buzzard	1	conifer plantation, flying	suitable nesting habitat; possible breeder	CM
BZ033	BR3	15/04/2025	12:39	Buzzard	2	montane heath, circling, circled over plantation north-east side of Barnesmore, briefly joined by second buzzard.	pair; probable breeding	RV
BZ037	BR8	24/04/2025	18:10	Buzzard	2	conifer plantation, circling, pair circling over southern site boundary.	suitable nesting habitat; possible breeder	RV
BZ040	BR1a	19/06/2025	07:48	Buzzard	1	wet grassland, scrub and conifer plantation, hunting, travelling, present here once again on territory.	permanent territory; probable breeding	LD
BZ041	BR1a	25/06/2025	10:46	Buzzard	1	wet grassland, scrub and conifer plantation, travelling, in flight, and present here once again.	permanent territory; probable breeding	LD
BZ042	BR3	06/07/2025	09:46	Buzzard	1	eroding blanket bog and conifer plantation, circling, circling over north end of Barnesmore, drifted north-east	suitable nesting habitat; possible breeder	RV
BZ044	BR1a	21/07/2025	17:21	Buzzard	1	wet grassland and conifer plantation, travelling, travelling over moorland forestry, where a pair have bred and a juvenile has been seen closer to vp4.	permanent territory; probable breeding	LD

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ045	BR1a	28/07/2025	11:04	Buzzard	1	wet grassland, scrub and conifer plantation, hunting, travelling, seen once again, in flight once again. regular observations in this area, with a juvenile present in conifers to the north-east of vp4.	permanent territory; probable breeding	LD

Table 7 - 5 - 32 Buzzard connectivity vantage point survey data

Ref.	CMVP	Date	Time	Species	Number	Duration of flight (s)	Habitat and activity	Surveyor
BZ003	CMVP1	09/04/2024	19:07	Buzzard	2	36	wet grassland, conifer plantation and scrub; hunting, courtship, pair together. flew back into probable nest site.	LD
BZ005	CMVP1	15/07/2024	14:04	Buzzard	1	64	wet grassland and conifer plantation; hunting, travelling, seen here again in the Barnesmore gap. pair present recently from the nearby conifers.	LD
BZ006	CMVP1	30/07/2024	08:19	Buzzard	1	48	conifer plantation and wet grassland; hunting, circling, seen here again in the Barnesmore gap.	LD

Table 7 - 5 - 33 Buzzard incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ015	Waterbird Distribution Survey; Killeter	05/04/2024	16:25	Buzzard	2	conifer plantation; carrying prey, flying, present, one carrying prey flew into forestry near roadside.	CM
BZ016	Waterbird Distribution Survey; Meenbog	05/04/2024	17:53	Buzzard	1	bogs and conifer plantation; carrying nest material, appeared to be carrying a stick, landed in conifers near Shruhangerve bridge	CM
BZ019	Waterbird Distribution Survey; Killeter woods	16/04/2024	18:09	Buzzard	1	conifer plantation and bogs; flushed, took off from ground and into conifers, seen carrying prey in this location before.	CM
BZ035	Hen Harrier Roost Survey; HHVP4	04/03/2025	17:15	Buzzard	1	conifer plantation; flying	CM
BZ036	Hen Harrier Roost Survey; HHVP4, Meenafea	04/03/2025	18:05	Buzzard	2	conifer plantation; displaying, calling, one observed displaying in flight, two calling simultaneously.	CM

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ037	Vantage Point Survey; Meenafea	10/03/2025	12:14	Buzzard	2	conifer plantation; displaying, soaring, pair over forestry, beyond 2km from viewpoint.	CM
BZ044	Waterbird Distribution Survey; Mournebeg	29/04/2025	17:32	Buzzard	1	bogs and conifer plantation; soaring, circling, calling	CM
BZ047	Vantage Point Survey; Meenafea	21/05/2025	09:15	Buzzard	1	conifer plantation and bogs; circling, observed east of viewshed during vantage point survey	CM
BZ048	Vantage Point Survey; Meenafea	21/05/2025	10:42	Buzzard	2	conifer plantation; circling, pair over forestry, observed in that area on previous survey	CM
BZ049	Vantage Point Survey; Meenafea	21/05/2025	11:28	Buzzard	1	bogs; hunting	CM
BZ050	Waterbird Distribution Survey; Meenafea	22/05/2025	12:32	Buzzard	1	bogs and conifer plantation; hunting	CM
BZ053	Vantage Point Survey; vp4	02/07/2025	10:22	Buzzard	1	wet grassland and conifer plantation; hunting, travelling, adult up to the east behind the vantage point. being mobbed by ravens and flying into forestry.	LD
BZ054	Vantage Point Survey; vp4	02/07/2025	10:23	Buzzard	1	conifer plantation; calling, juvenile bird heard 'mewing' from forestry whilst the adult was up in flight.	LD
BZ055	Vantage Point Survey; VP4	02/07/2025	10:39	Buzzard	2	conifer plantation and wet grassland; hunting, parental care, juvenile bird up flying together on the edge of forestry. adult in close attendance.	LD
BZ056	Vantage Point Survey; VP4	10/07/2025	08:17	Buzzard	2	wet grassland and conifer plantation; hunting, parental care, an adult and a juvenile calling in flight together once again, from the moorland adjacent to the vantage point. successful breeding at this location.	LD

Table 7 - 5 - 34 Buzzard supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ001	Killeter	20/04/2019	13:07	Buzzard	2	conifer plantation, soaring, above conifers 10-50m apart calling, 54.41.19n 07.50.52w	SF

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
BZ009	Trusk Lough	29/08/2019	19:16	Buzzard	2	conifer plantation, montane heath and wet grassland, soaring, over open area	AOD
BZ017	Croaghmagawna	02/07/2020	05:10	Buzzard	2	conifer plantation, flying, pair together over edge of plantation above road	RV
BZ023	Croaghmagawna	23/04/2021	14:00	Buzzard	1	conifer plantation, carrying prey, adult carrying prey	AOD
BZ027	Fifth Corgary	19/07/2021	08:45	Buzzard	4	conifer plantation and semi-natural grassland, alarm calling, 2 adults and 2-3 juveniles just inside entrance	RV
BZ029	Killeter/Fifth Corgary	27/07/2021	17:34	Buzzard	1	conifer plantation and wet grassland, calling, buzzard heard calling from conifers to the east of the vantage point, was not seen initially	LD
BZ030	Killeter/Fifth Corgary	27/07/2021	17:46	Buzzard	1	conifer plantation and wet grassland, perched, a juvenile buzzard was then seen perched in the trees and remained there calling throughout	LD
BZ034	Killeter/Fifth Corgary	24/05/2023	16:25	Buzzard	1	recently-felled woodland, circling, between surveys, circling in breeding area, regular during summer	RV

2.10

Long-eared Owl

Table 7 - 5 - 35 Long-eared owl incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
LE001	Connectivity Vantage Point Survey; CMVP1	26/02/2024	18:54	Long-eared Owl	1	conifer plantation; calling, heard not seen.	CM

2.11

Sparrowhawk

Table 7 - 5 - 36 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
SH017	VP2	08/04/2025	18:17	Sparrowhawk	2	365	0	0	0	365	conifer plantation; travelling, soaring, displaying	SD
SH018	VP2	08/04/2025	20:18	Sparrowhawk	1	45	20	25	0	0	conifer plantation; travelling, carrying prey	SD
SH019	VP1	06/06/2025	16:07	Sparrowhawk	1	27	0	27	0	0	conifer plantation; carrying prey, mobbed, small prey item being carried, mobbed by flock of passerines throughout flight.	CM
SH020	VP4	18/06/2025	11:36	Sparrowhawk	1	7	7	0	0	0	bogs and conifer plantation; carrying prey, flying, male, carried prey into forestry.	CM
SH021	VP2	15/07/2025	13:12	Sparrowhawk	1	10	10	0	0	0	wet grassland, scrub and conifer plantation; travelling, female seen in flight carrying prey. the bird flew south and into conifers, so there may well be a nest present in those trees with young birds present.	LD

Table 7 - 5 - 37 Sparrowhawk breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH005	BR4	15/05/2024	17:24	Sparrowhawk	1	immature woodland and conifer plantation, flying, male flew across clearing mobbed by two hooded crows	suitable nesting habitat; possible breeder	RV
SH008	BR4	22/08/2024	10:34	Sparrowhawk	1	conifer plantation, mobbing, circling, came up from forest to chase off a passing buzzard.	suitable nesting habitat; possible breeder	CM
SH009	BR4	12/04/2025	14:31	Sparrowhawk	1	conifer plantation, circling, female, circled then flew along line of pines.	suitable nesting habitat; possible breeder	RV
SH010	BR4	12/04/2025	14:51	Sparrowhawk	1	conifer plantation and upland blanket bog, circling, female, low through clearing, mobbed by pipits.	suitable nesting habitat; possible breeder	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
SH012	BR4	12/07/2025	09:24	Sparrowhawk	1	conifer plantation, flying/circling, male flying over plantation, briefly circled, then glided west	suitable nesting habitat; possible breeder	RV
SH013	BR4	12/07/2025	10:06	Sparrowhawk	1	scrub, flying, female flew along stream and into scrub	suitable nesting habitat; possible breeder	RV

Table 7 - 5 - 38 Sparrowhawk incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SH006	Hen Harrier Roost Survey; HHVP1	01/02/2024	15:42	Sparrowhawk	1	conifer plantation and wet grassland; displaying, two undulating flights above the conifers.	LD

Table 7 - 5 - 39 Sparrowhawk supplemental surveys data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
SH001	Killeter/Fifth Corgary	09/07/2019	12:40	Sparrowhawk	1	conifer plantation, with prey, male, breeding in area	TR
SH002	Lismullyduff	10/07/2019	09:55	Sparrowhawk	1	conifer plantation, adult with prey, breeding in area, north of vp11	TR
SH003	Barrack Hill	20/05/2020	17:36	Sparrowhawk	2	conifer plantation, circling, chasing, pair circling and chasing each other	RV
SH004	Croaghmagawna	14/06/2020	10:26	Sparrowhawk	1	recently-felled woodland and conifer plantation, displaying, male, circled over clearfell and conifer plantation	RV
SH012	Killeter/Fifth Corgary	15/05/2022	13:50	Sparrowhawk	1	conifer plantation, carrying prey, male carrying prey into suitable breeding habitat	RV
SH016	Killeter/Fifth Corgary	23/06/2022	15:09	Sparrowhawk	1	recently-felled woodland, flying, female or immature flying	RV
SH021	Killeter/Fifth Corgary	24/05/2023	13:14	Sparrowhawk	1	conifer plantation, recently-felled woodland and heath and dense bracken, circling, male circled from stand of Scots pine	RV
SH023	Killeter/Fifth Corgary	25/06/2023	07:32	Sparrowhawk	1	upland blanket bog and mixed conifer woodland, circling, male circled over isolated stand of trees, regular location	RV
SH024	Killeter/Fifth Corgary	25/06/2023	09:12	Sparrowhawk	1	mixed conifer woodland, flying, male, seen during break, circled briefly and dove back into isolated stand of trees it was seen flying from earlier	RV

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Surveyor
SH025	Killeter/Fifth Corgary	25/06/2023	11:25	Sparrowhawk	1	immature woodland and recently-felled woodland, flying, female flying across open area towards where male was seen earlier	RV
SH026	Killeter/Fifth Corgary	11/07/2023	14:54	Sparrowhawk	1	immature woodland and conifer plantation, flying, male flew over clearing between plantation and isolated stand of trees	RV

2.12

Red-throated Diver

Table 7 - 5 - 40 Red-throated diver waterbird distribution and abundance survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RH001	Lough Golagh	04/04/2024	14:13	Red-throated Diver	1	lakes and ponds; diving, adult in breeding plumage.	CM
RH002	Lough Slug	17/04/2024	15:06	Red-throated Diver	2	lakes and ponds and bogs; swimming, preening, pair in breeding plumage.	CM
RH003	3 (Lough Golagh)	29/05/2024	13:40	Red-throated Diver	2	lakes and ponds; diving, preening, pair	CM
RH004	Lough golagh	30/04/2025	14:45	Red-throated Diver	2	lakes and ponds; diving, preening, pair observed in suitable breeding habitat. staying close together preening, then began diving.	CM

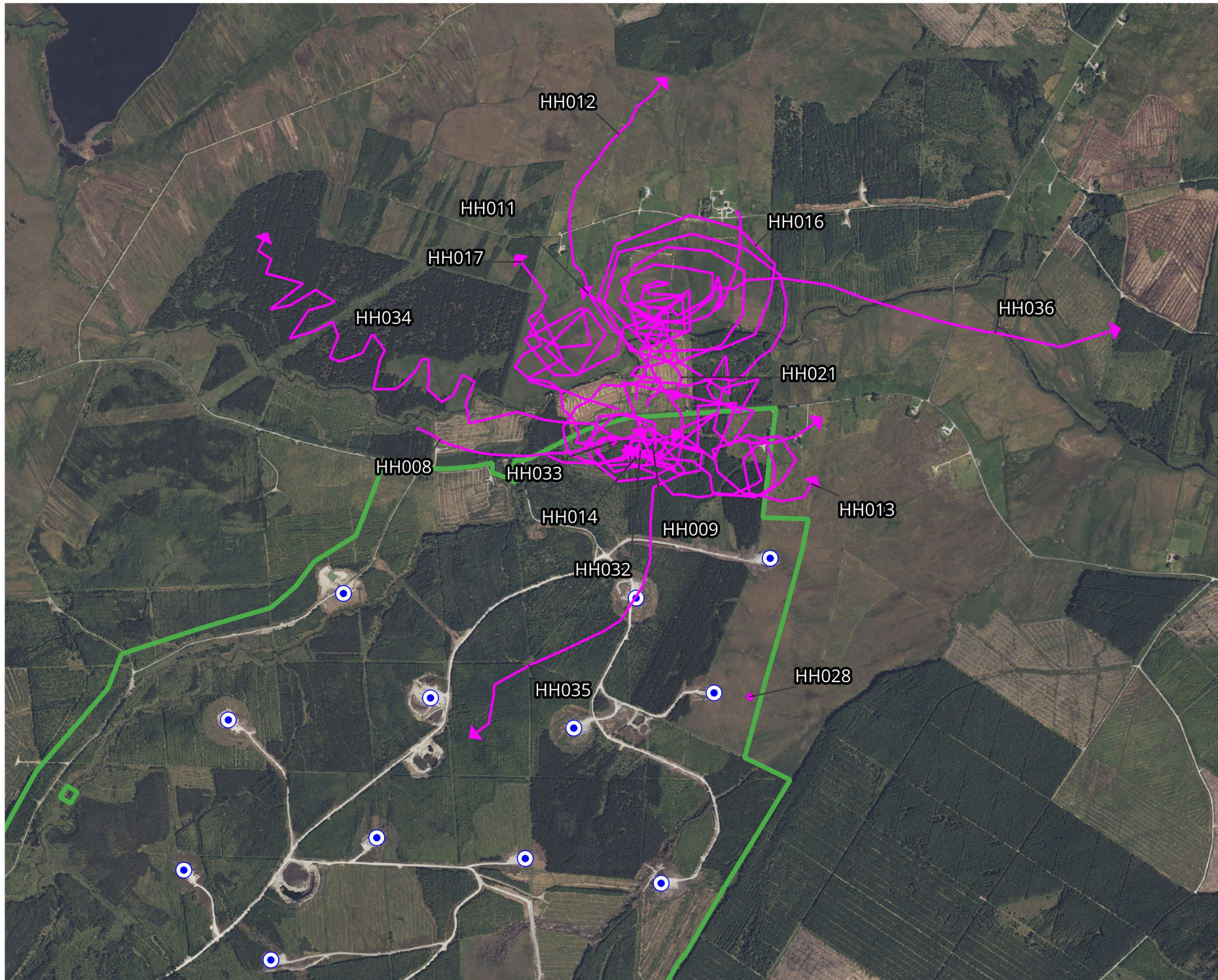
Table 7 - 5 - 41 Breeding red-throated diver survey data

Ref.	Location	Date	Time	Observation	Habitat	Surveyor
RH001	RHVP1	05/06/2024	13:44	Red-throated Diver feeding site; pair moving on lough, preening, feeding, swimming, appeared from vegetation possible nest area but no breeding activity, observed in suitable nesting habitat	Annex I	AOD
RH002	RHVP1	05/06/2024	13:49	Red-throated Diver flight; pair up flying around lough harsh calling, flew off west in high wind did not return before 18:30, observed in suitable nesting habitat	Annex I	AOD

Ref.	Location	Date	Time	Observation	Habitat	Surveyor
RH003	RHVP2	19/06/2024	18:20	Red-throated Diver flight; preening, swimming before flying south, turning west, at height above 200m, pair calling in a series of short sharp croaks throughout flight, observed in suitable breeding habitat	Annex I and bogs	CM
RH004	RHVP1	23/07/2024	15:44	Red-throated Diver feeding site; pair. heard singing together multiple times while swimming alongside each other. stayed on lake for survey duration, feeding, preening, sleeping.	Annex I	CM
RH005	RHVP1	13/06/2025	13:13	Red-throated Diver flight; adult in breeding plumage, landing on lough golagh	Annex I and bogs	CM
RH006	RHVP1	13/06/2025	15:43	Red-throated Diver flight; adult taking off from lake after foraging. suitable breeding habitat.	Annex I and bogs	CM
RH007	RHVP1	13/06/2025	16:02	Red-throated Diver flight; adult landing on lake before starting to dive. suitable breeding habitat.	Annex I and bogs	CM
RH008	RHVP1	13/06/2025	16:49	Red-throated Diver feeding site; adult feeding on lough golagh for several hours. suitable breeding habitat.	Annex I	CM
RH009	RHVP1	16/07/2025	16:00	Red-throated Diver feeding site; adult feeding and preening for four plus hours in suitable breeding habitat, observed catching fish.	Annex I	CM
RH010	RHVP1	16/07/2025	16:24	Red-throated Diver flight; adult departed lough golagh and appeared to descend towards loughnaweelagh to the north-east.	Annex I and bogs	CM
RH011	RHVP1	16/07/2025	16:47	Red-throated Diver flight; adult returning from the north-east and continuing diving.	Annex I and lakes and ponds	CM

Table 7 - 5 - 42 Red-throated diver incidental records

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RH001	Breeding Raptor Survey; Loughnaweelagh	30/07/2024	15:11	Red-throated Diver	2	lakes and ponds; diving, feeding, adult pair, diving. observed feeding on fish.	CM
RH002	Breeding Raptor Survey; Lough Golagh	30/08/2024	15:35	Red-throated Diver	1	lakes and ponds and bogs; foraging, flying, landing, adult feeding and preening on lough golagh before flying and landing on loughnaweelagh. short sharp croaking call during flight.	CM
RH003	Breeding Red-throated Diver Survey; Lough Slug	23/04/2025	13:51	Red-throated Diver	2	lakes and ponds; swimming, pair, spotted while driving away from dedicated diver survey on another lake. cautious activity after my vehicles arrival.	CM



Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record
- Species Record

Drawing Title

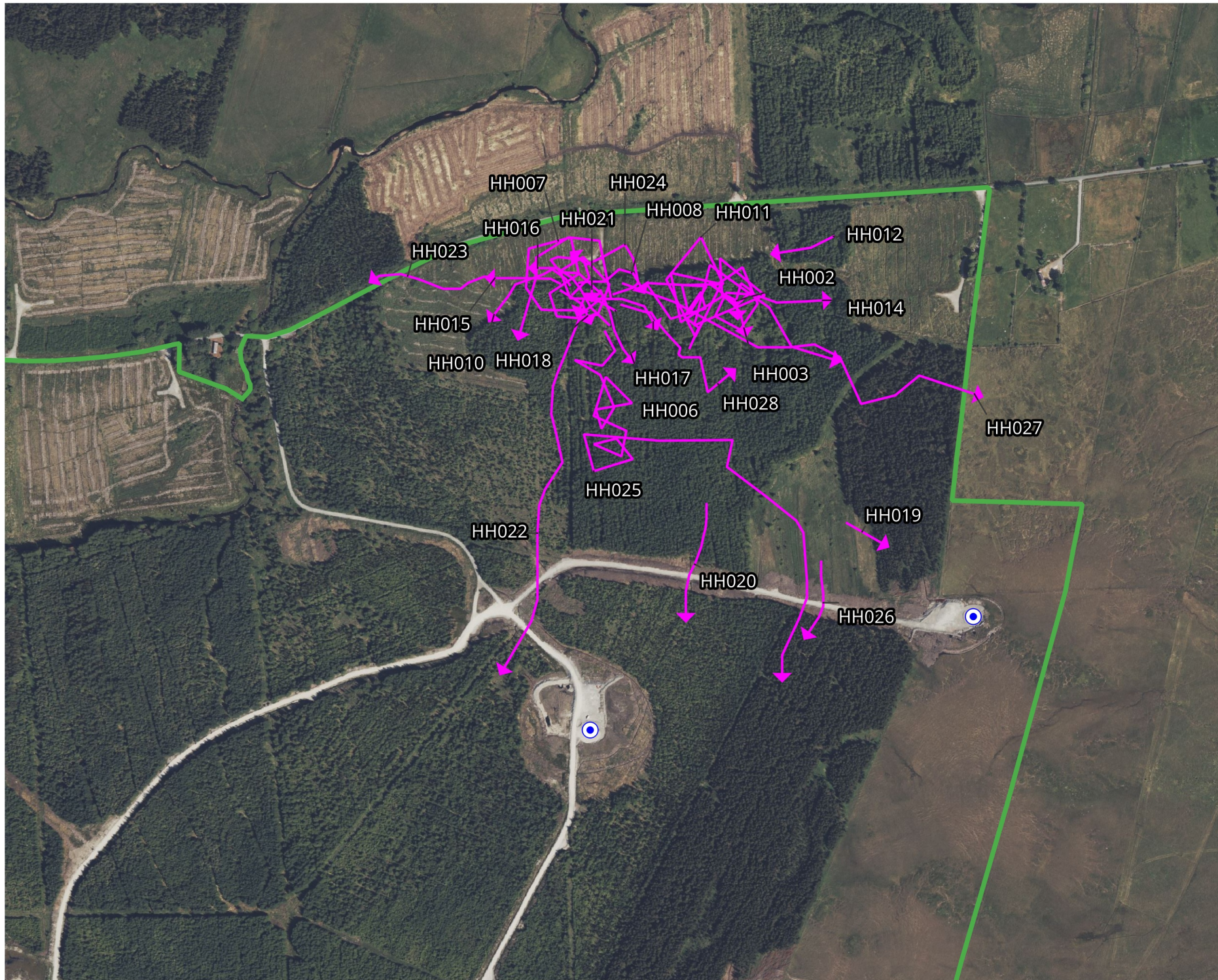
Hen Harrier
Vantage Point Survey

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By	KB	Checked By	SD
Project No.	240505	Drawing No.	Fig. 7-5-1
Scale	1:20,000	Date	18.02.2026

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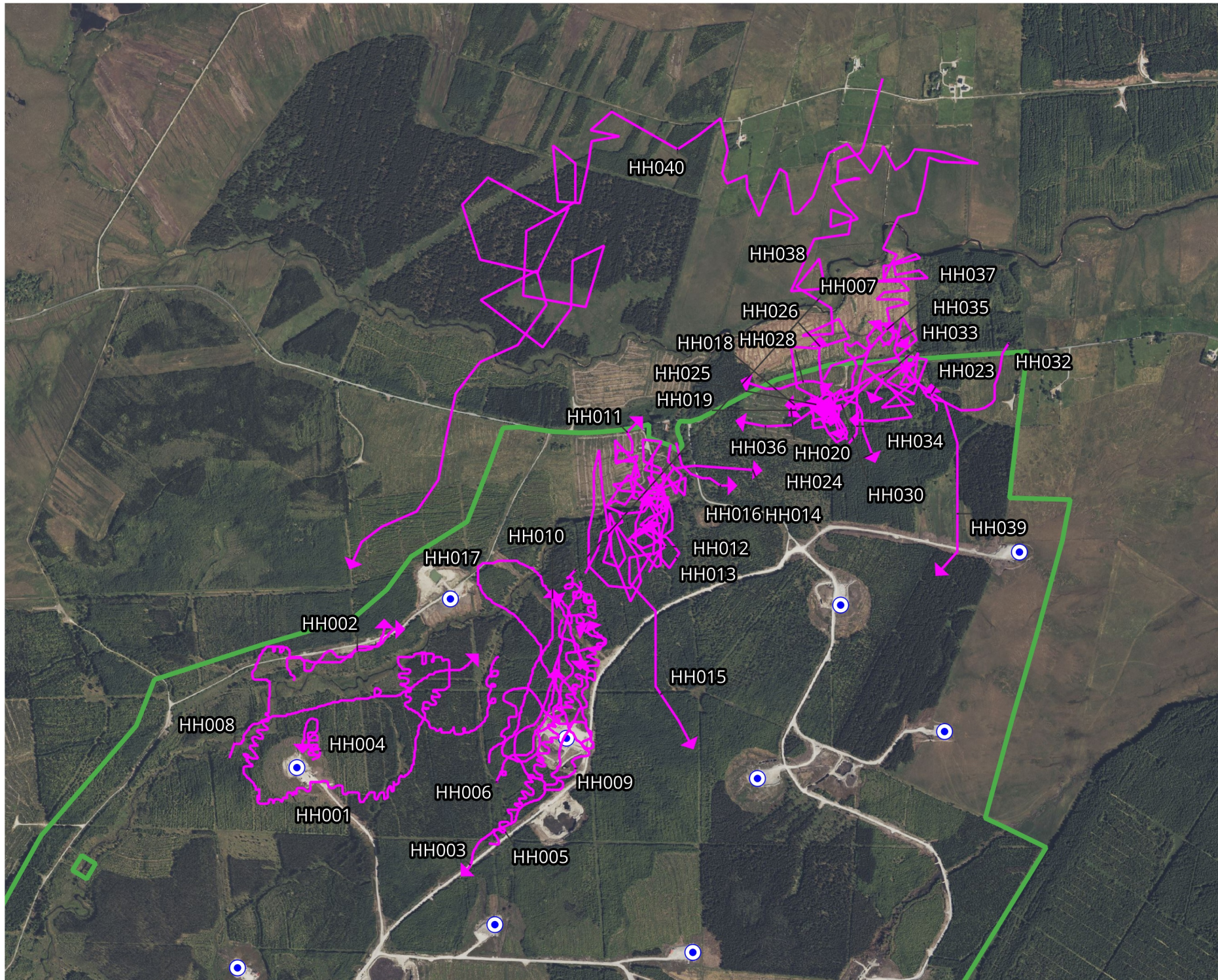


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Hen Harrier Breeding Walkover Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-2
Scale	Date
1:7,000	18.02.2026
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

Hen Harrier
Breeding Raptor Survey

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-3

Scale

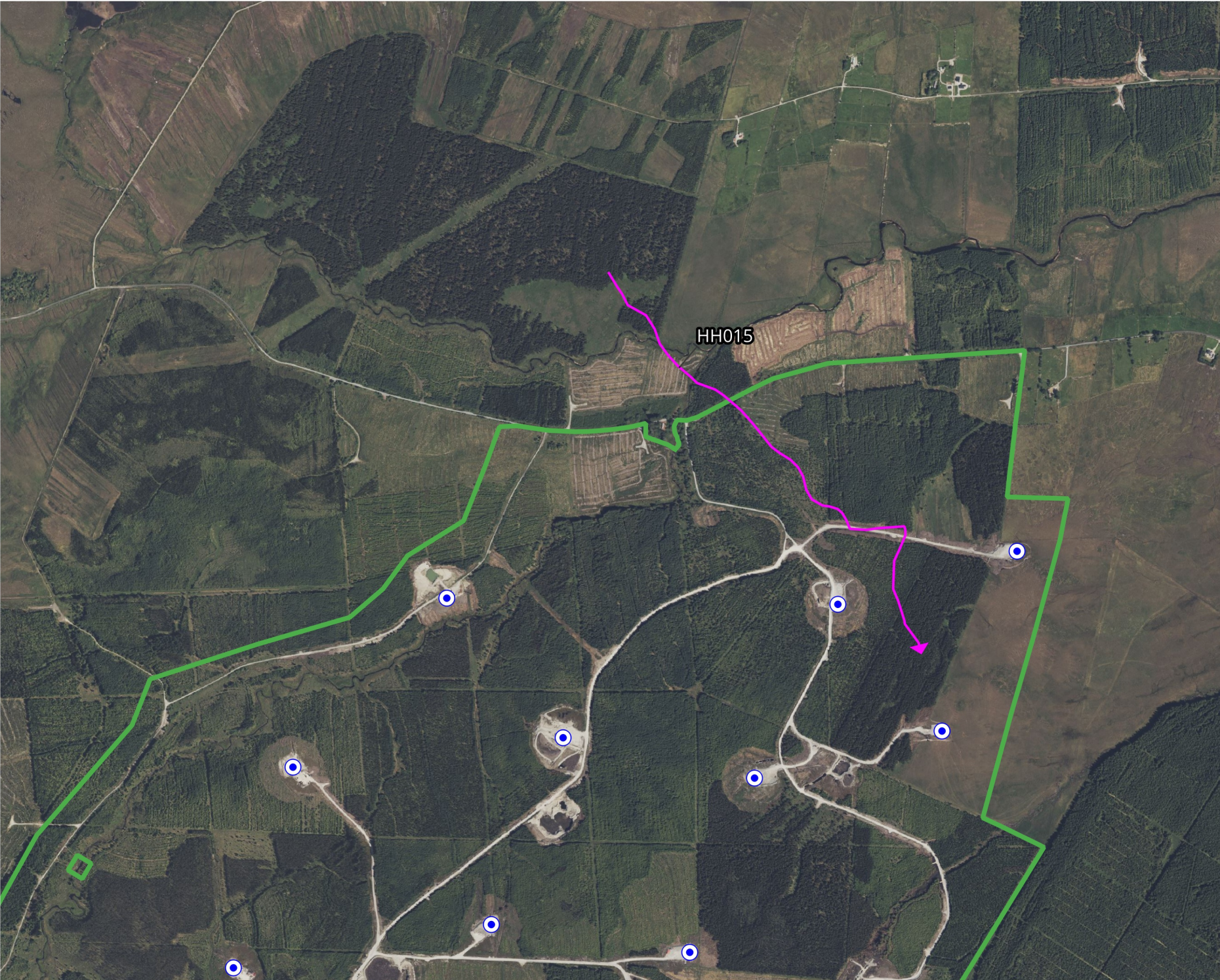
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Date

18.02.2026



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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

Hen Harrier
Incidental Records

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-4

Scale

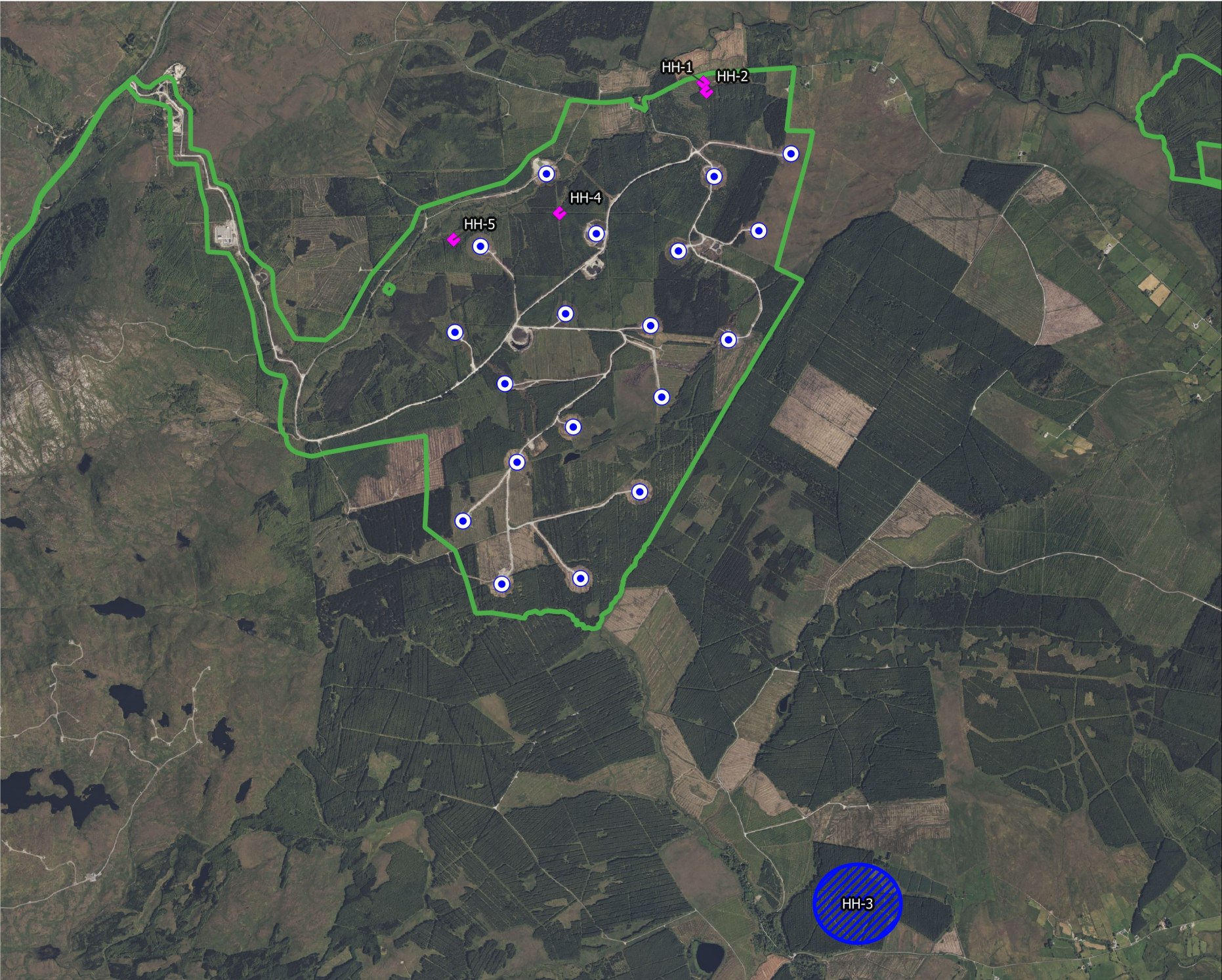
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Date

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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Nest Locations
- Probable Breeding Territory



Drawing Title

Hen Harrier Breeding Locations

Project Title

Meenbog Wind Farm, Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-6

Scale

1:35,000

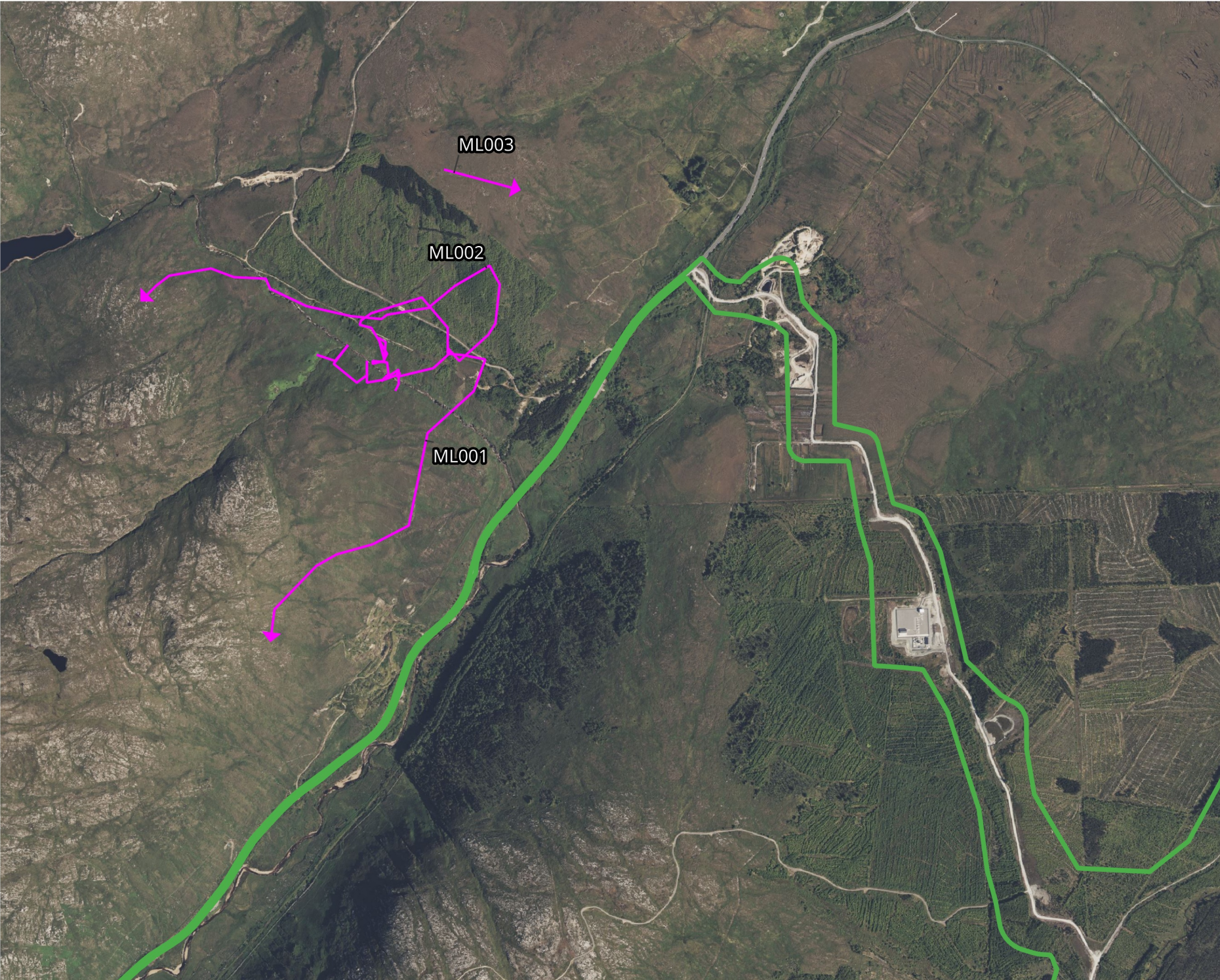
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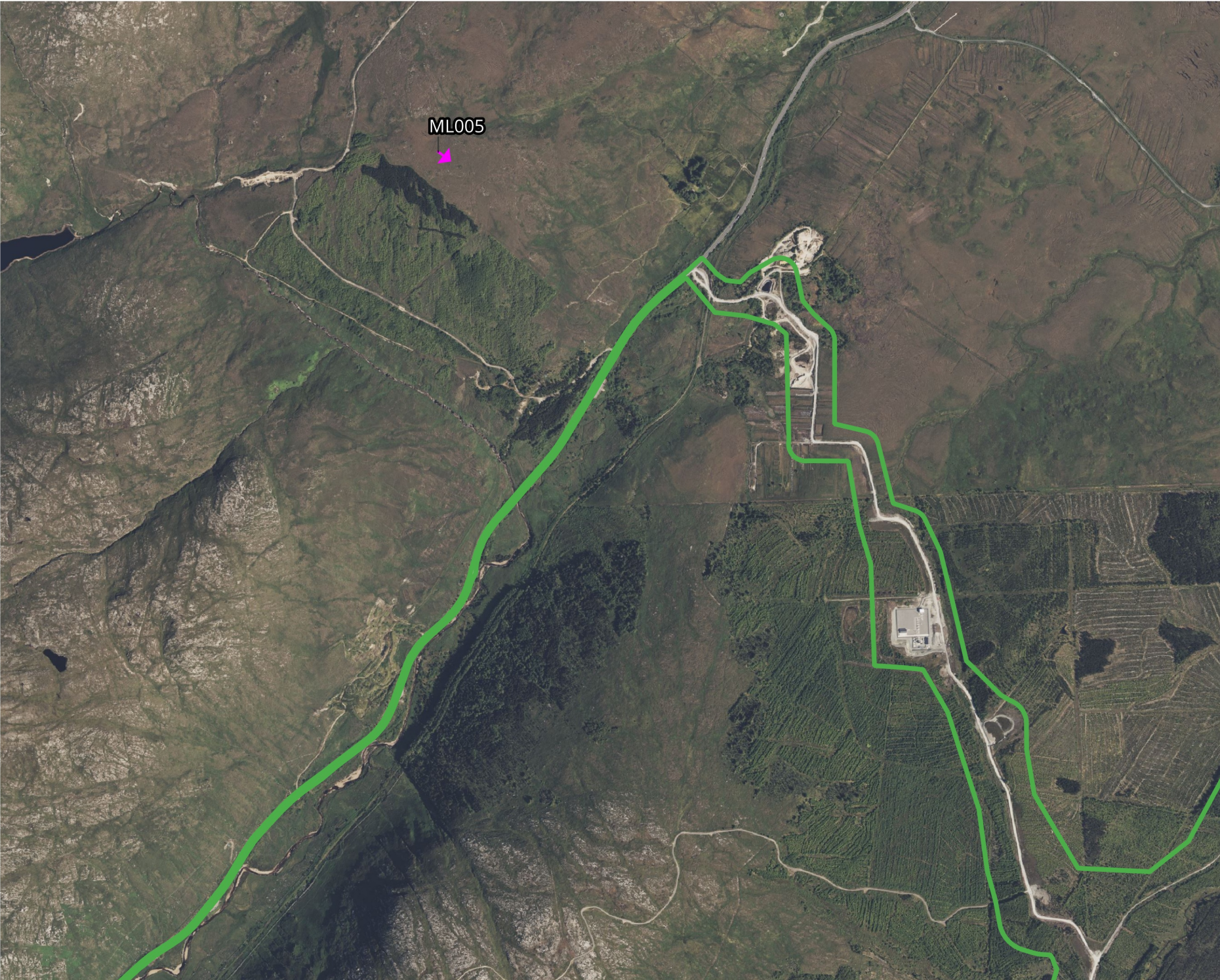


Map Legend

- Site Boundary
- Species Record



Drawing Title		Merlin Breeding Raptor Survey	
Project Title		Meenbog Wind Farm, Co. Donegal	
Drawn By	KB	Checked By	SD
Project No.	240505	Drawing No.	Fig. 7-5-7
Scale	1:15,000	Date	18.02.2026
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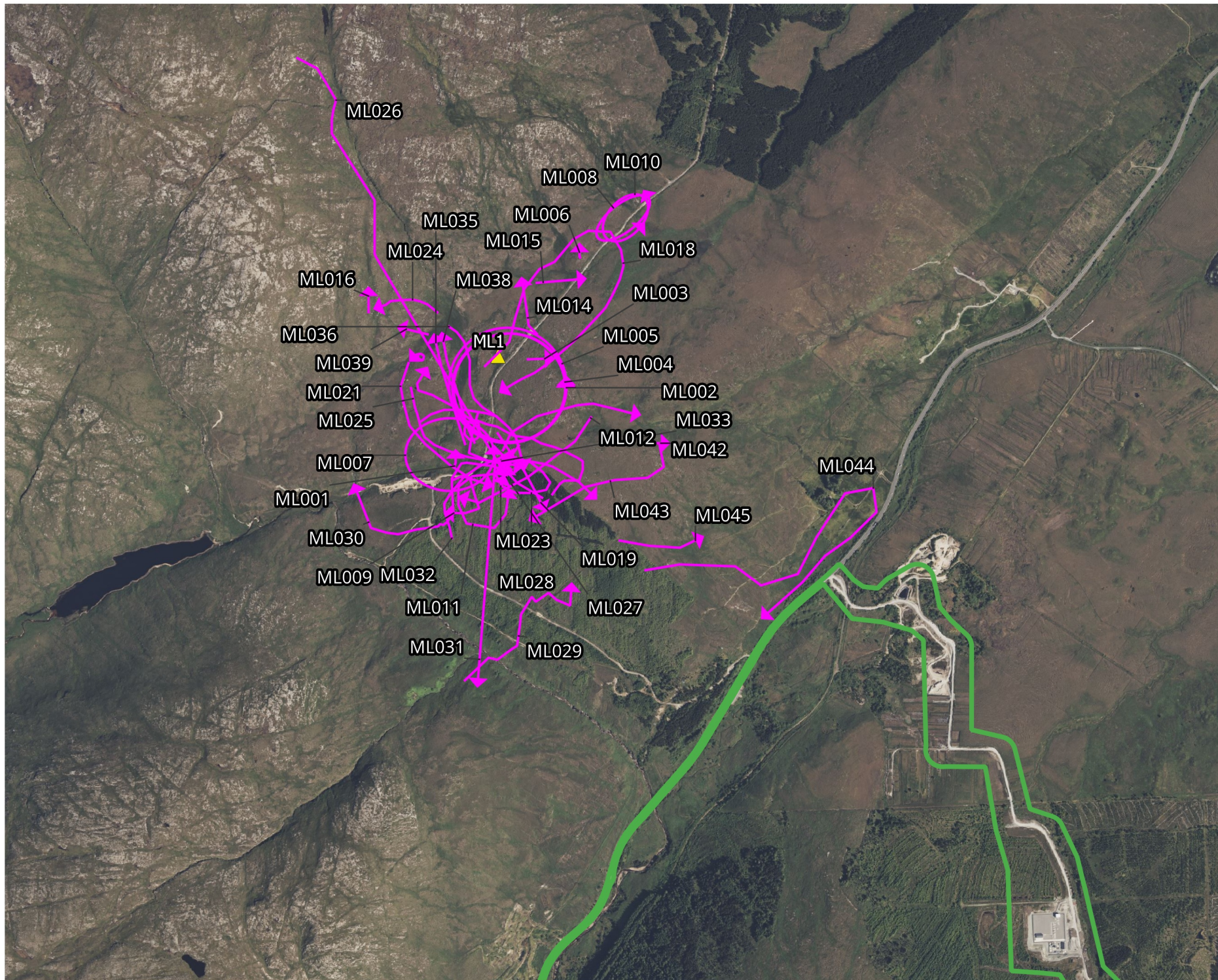


Map Legend

- Site Boundary
- Species Record



Drawing Title		Merlin Incidental Records	
Project Title		Meenbog Wind Farm, Co. Donegal	
Drawn By	KB	Checked By	SD
Project No.	240505	Drawing No.	Fig. 7-5-8
Scale	1:15,000	Date	18.02.2026
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Map Legend

- Site Boundary
- Survey Location
- Species Record



Drawing Title

Merlin
Supplemental Surveys

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-9

Scale

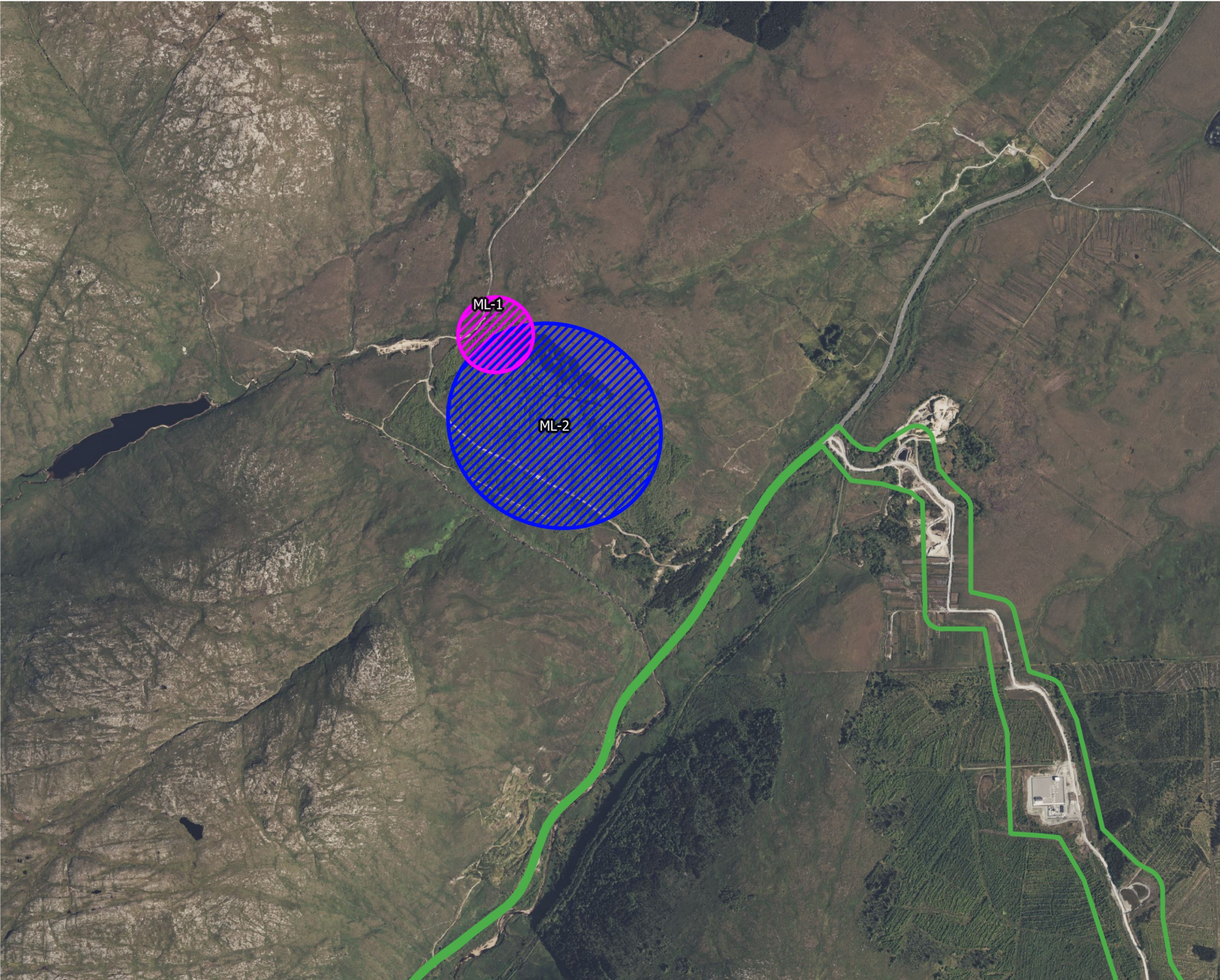
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Date

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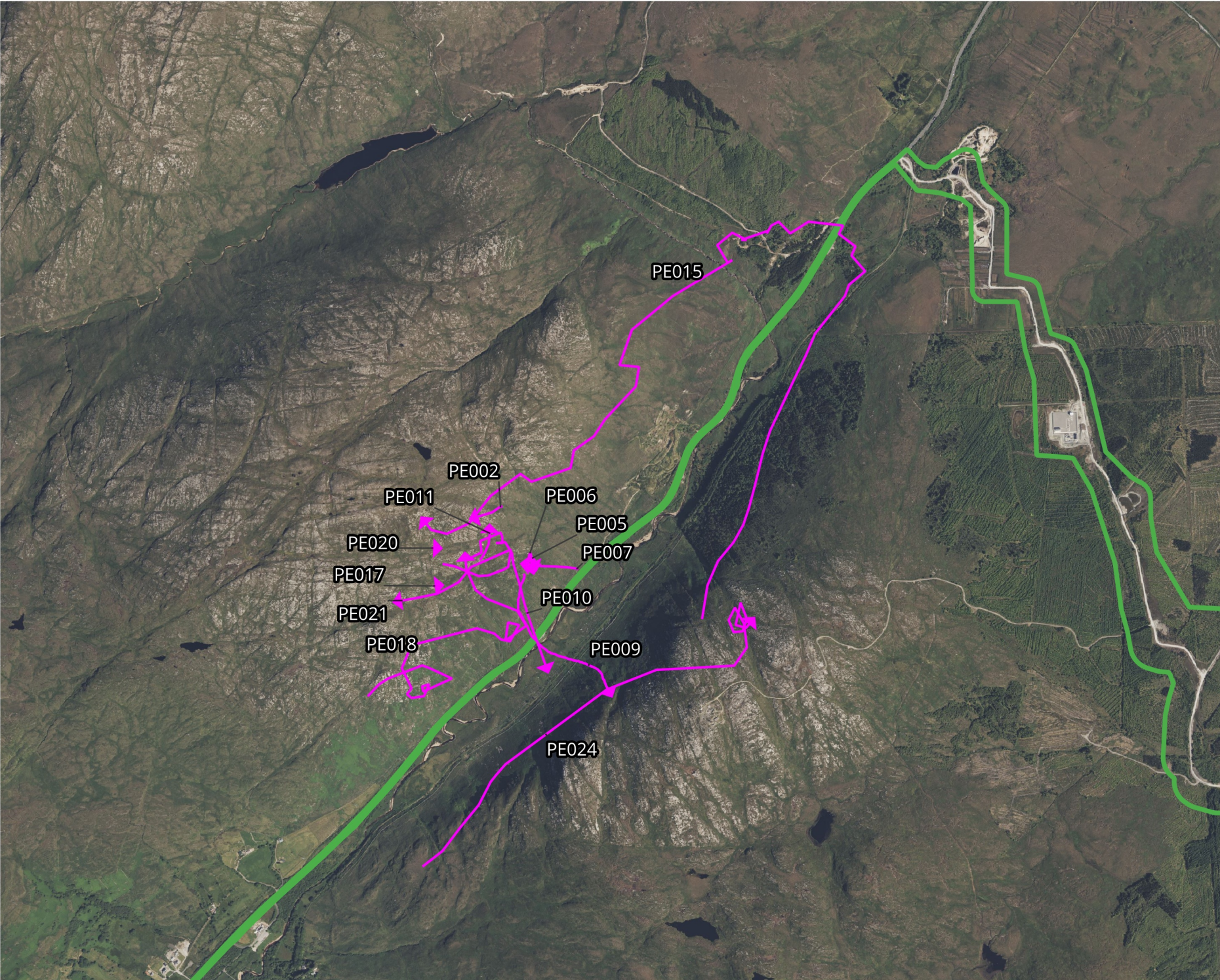


Map Legend

- Site Boundary
- Confirmed Breeding Location
- Probable Breeding Location



Drawing Title		Merlin Breeding Locations	
Project Title		Meenbog Wind Farm, Co. Donegal	
Drawn By	KB	Checked By	SD
Project No.	240505	Drawing No.	Fig. 7-5-10
Scale	1:15,000	Date	18.02.2026
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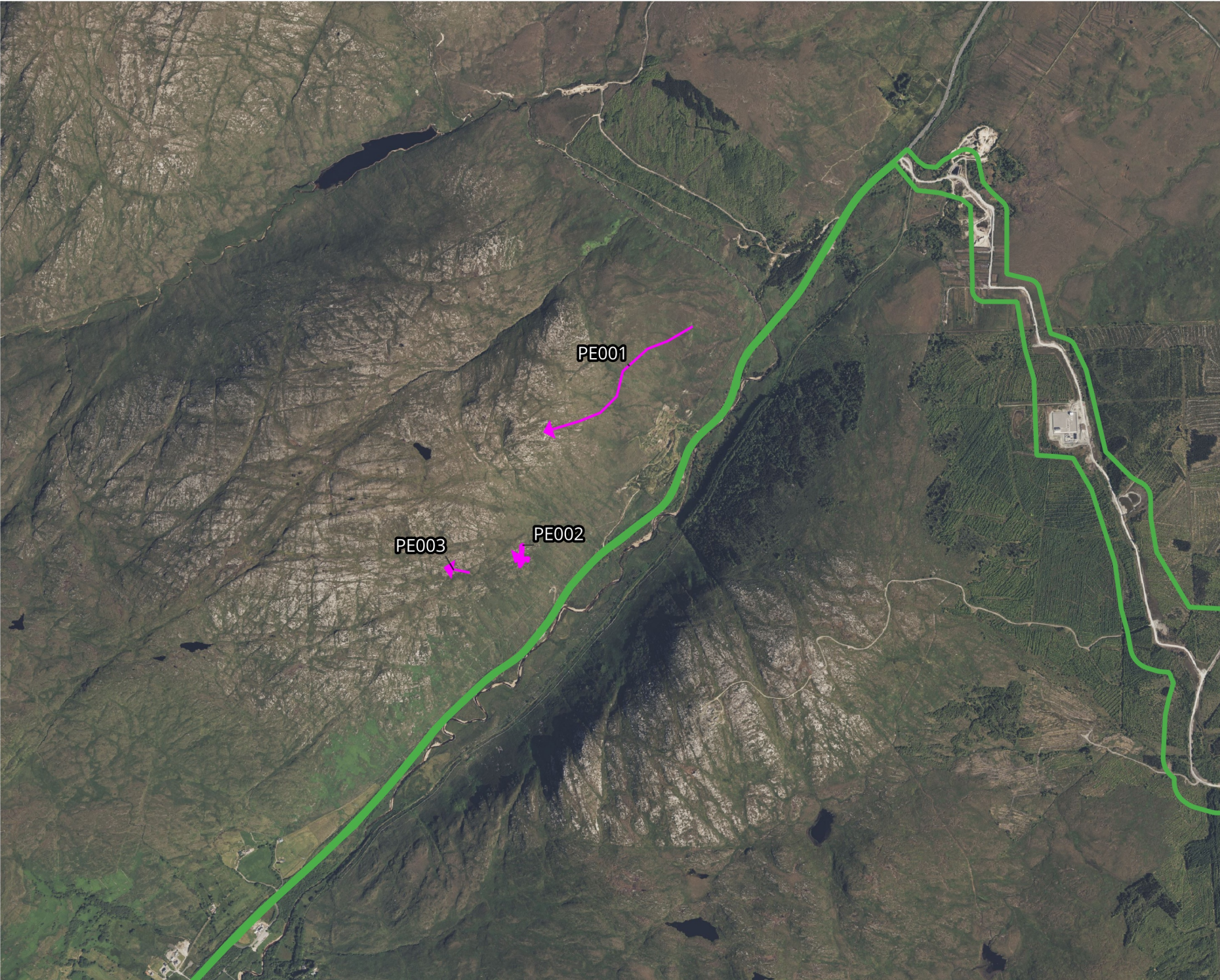


Map Legend

- Site Boundary
- Species Record



Drawing Title	
Peregrine Falcon Breeding Raptor Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-11
Scale	Date
1:20,000	18.02.2026
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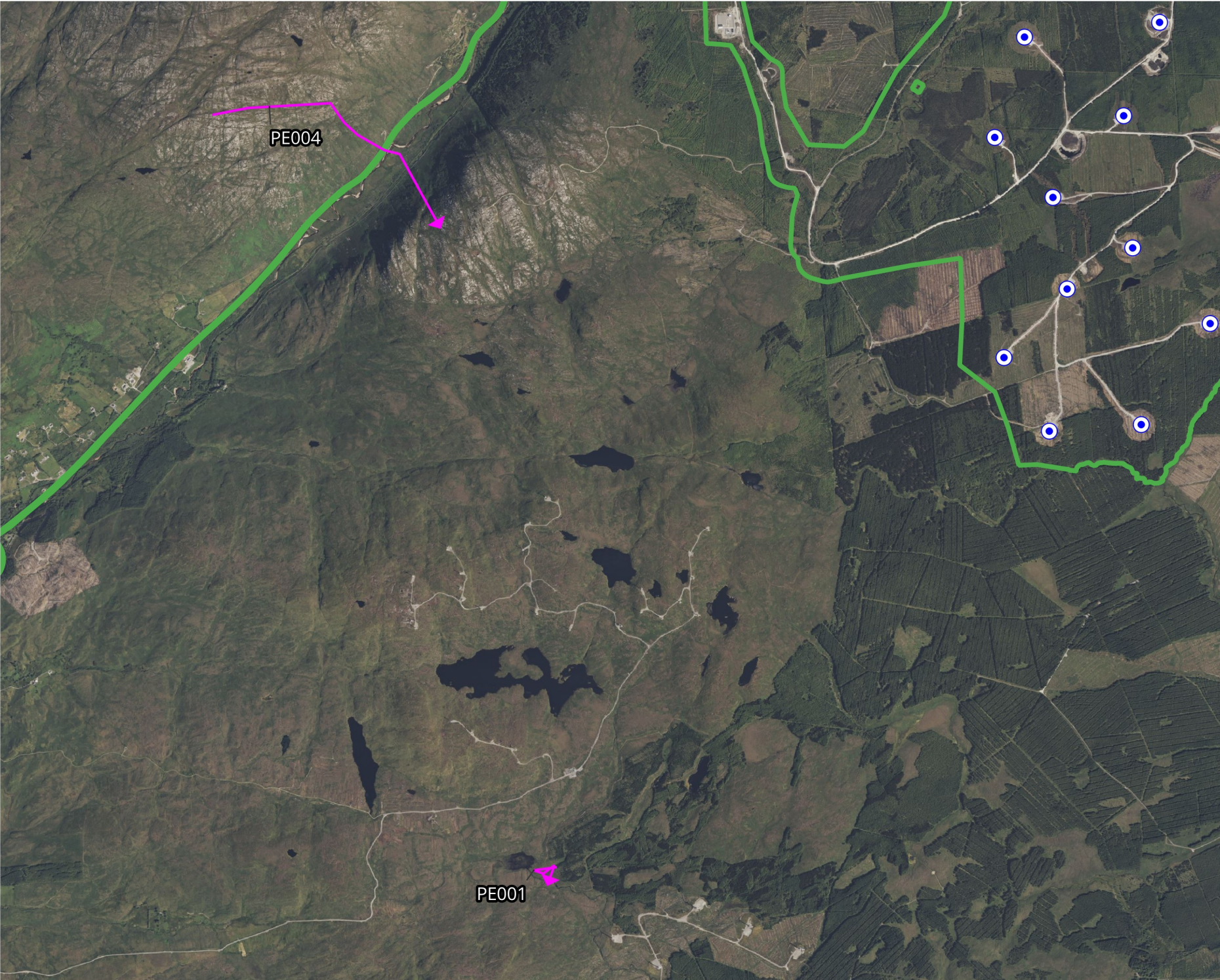


Map Legend

- Site Boundary
- Species Record



Drawing Title	
Peregrine Falcon Connectivity Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-12
Scale	Date
1:20,000	18.02.2026
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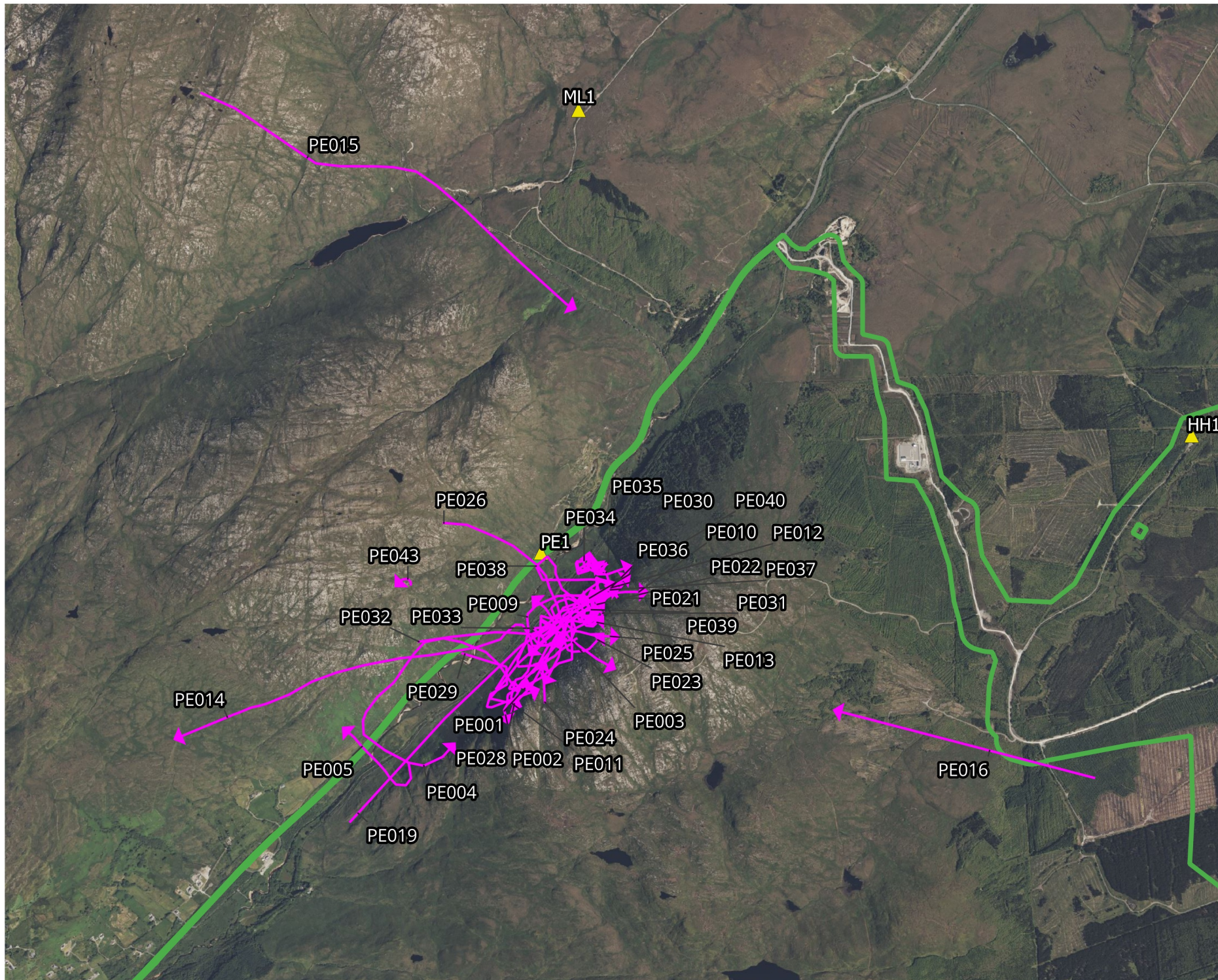


- Map Legend
- Site Boundary
 - Proposed Turbine Locations
 - Species Record



Drawing Title	
Peregrine Falcon Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-13
Scale	Date
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Map Legend

- Site Boundary
- Survey Locations
- Species Record



Drawing Title

Peregrine Falcon
Supplemental Surveys

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-14

Scale

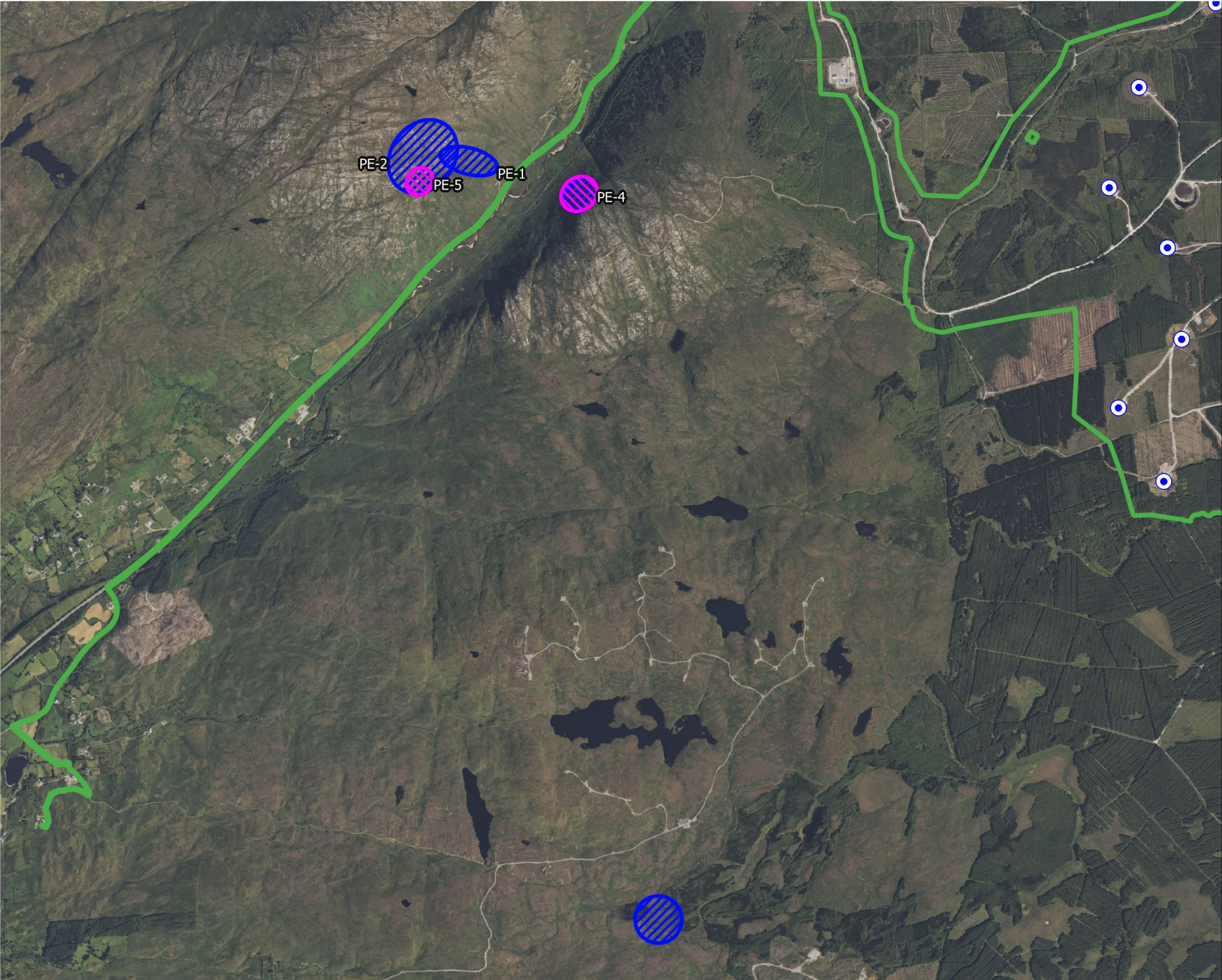
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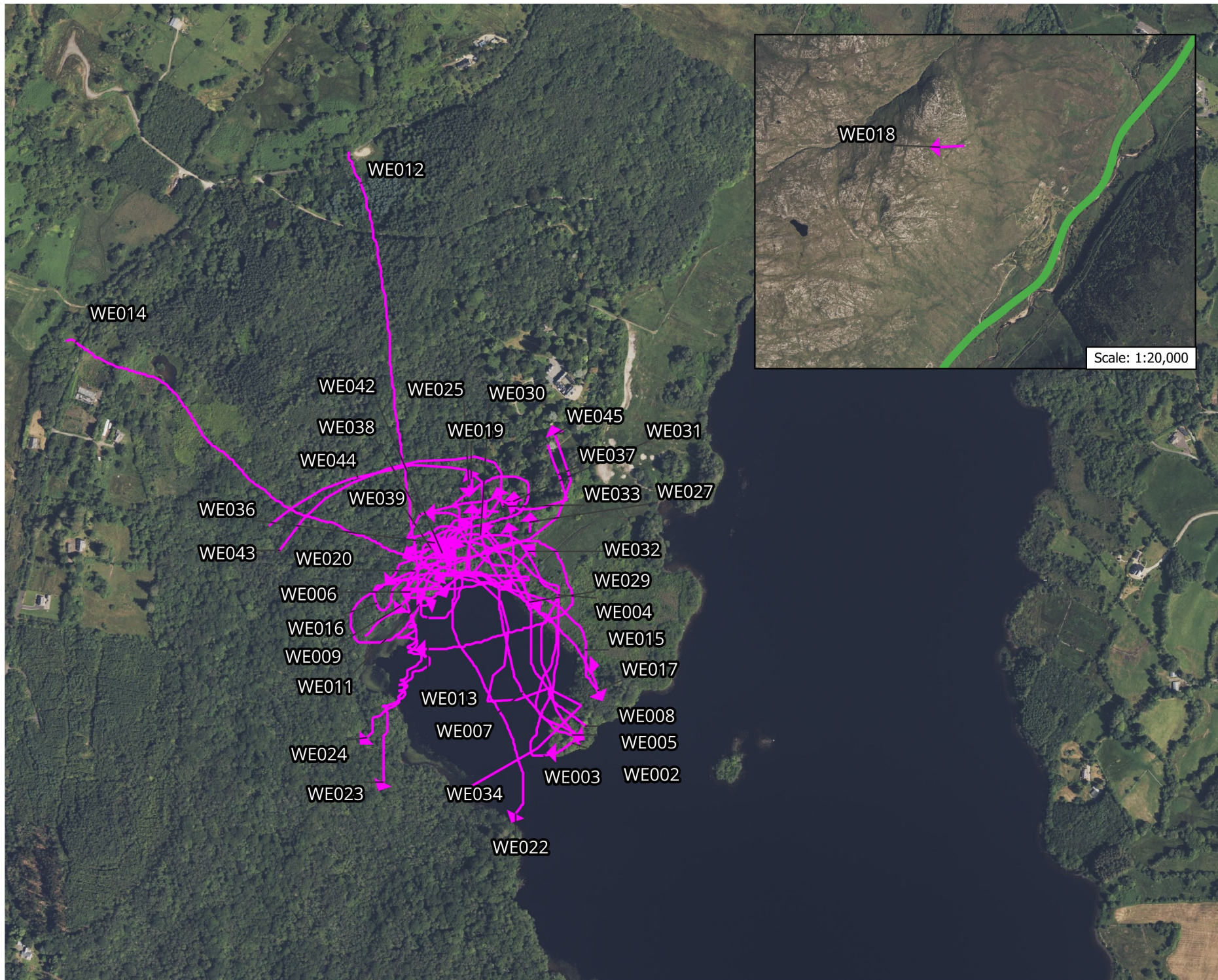


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Confirmed Breeding Location
- Probable Breeding Location



Drawing Title	
Peregrine Falcon Breeding Locations	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-15
Scale	Date
1:30,000	18.02.2026
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Map Legend

- Site Boundary
- Species Record



Drawing Title	
White-tailed Eagle Breeding Raptor Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-16
Scale	Date
1:8,000	18.02.2026
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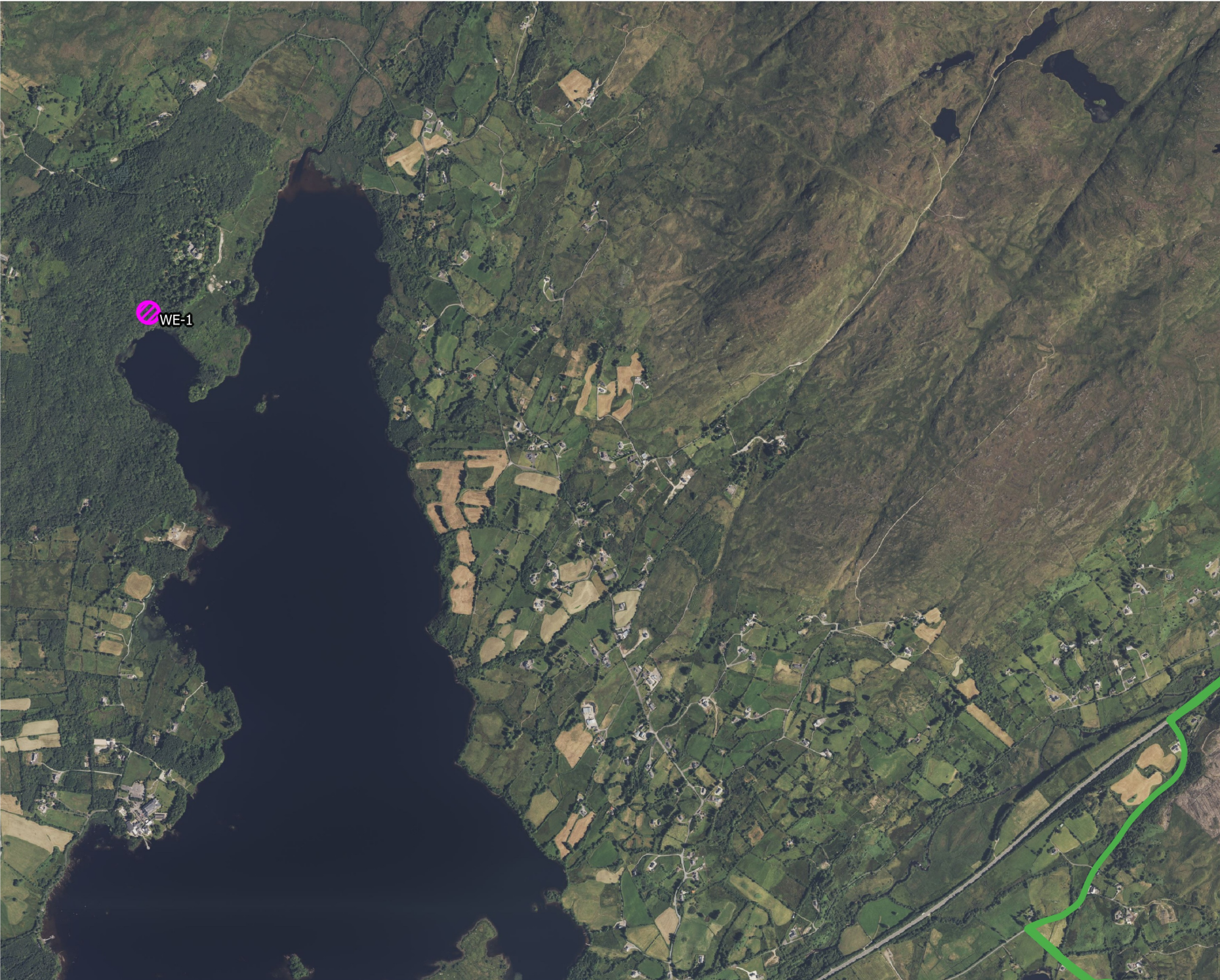


Map Legend

- Site Boundary
- Species Record



Drawing Title	
White-tailed Eagle Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-17
Scale	Date
1:20,000	18.02.2026
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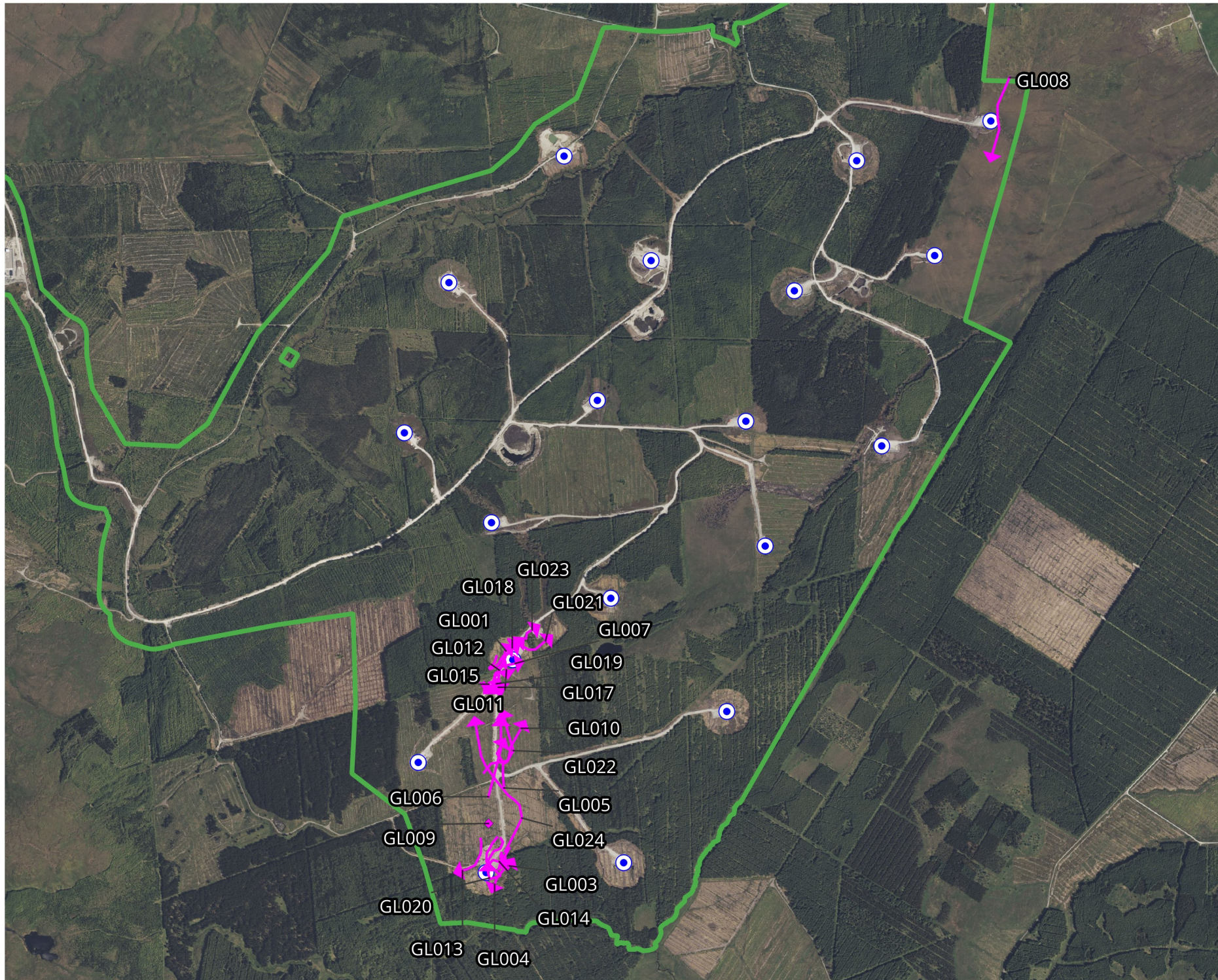
 Site Boundary

 Confirmed Nest Site



Drawing Title	
White-tailed Eagle Breeding Location	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-18
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record
- Species Record



Drawing Title	
Grey Wagtail Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-19
Scale	Date
1:20,000	18.02.2026
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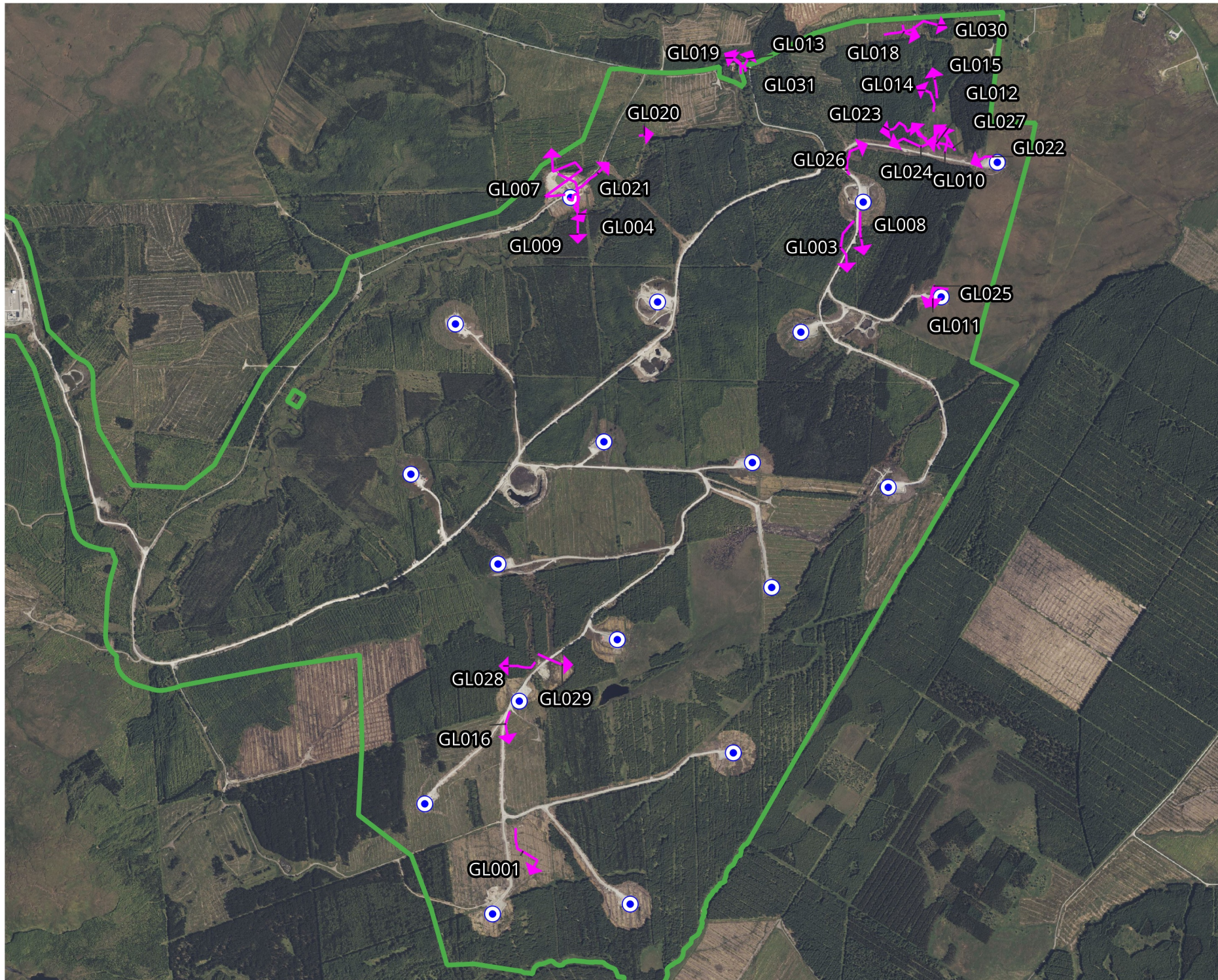


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Grey Wagtail Winter Walkover Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-20
Scale	Date
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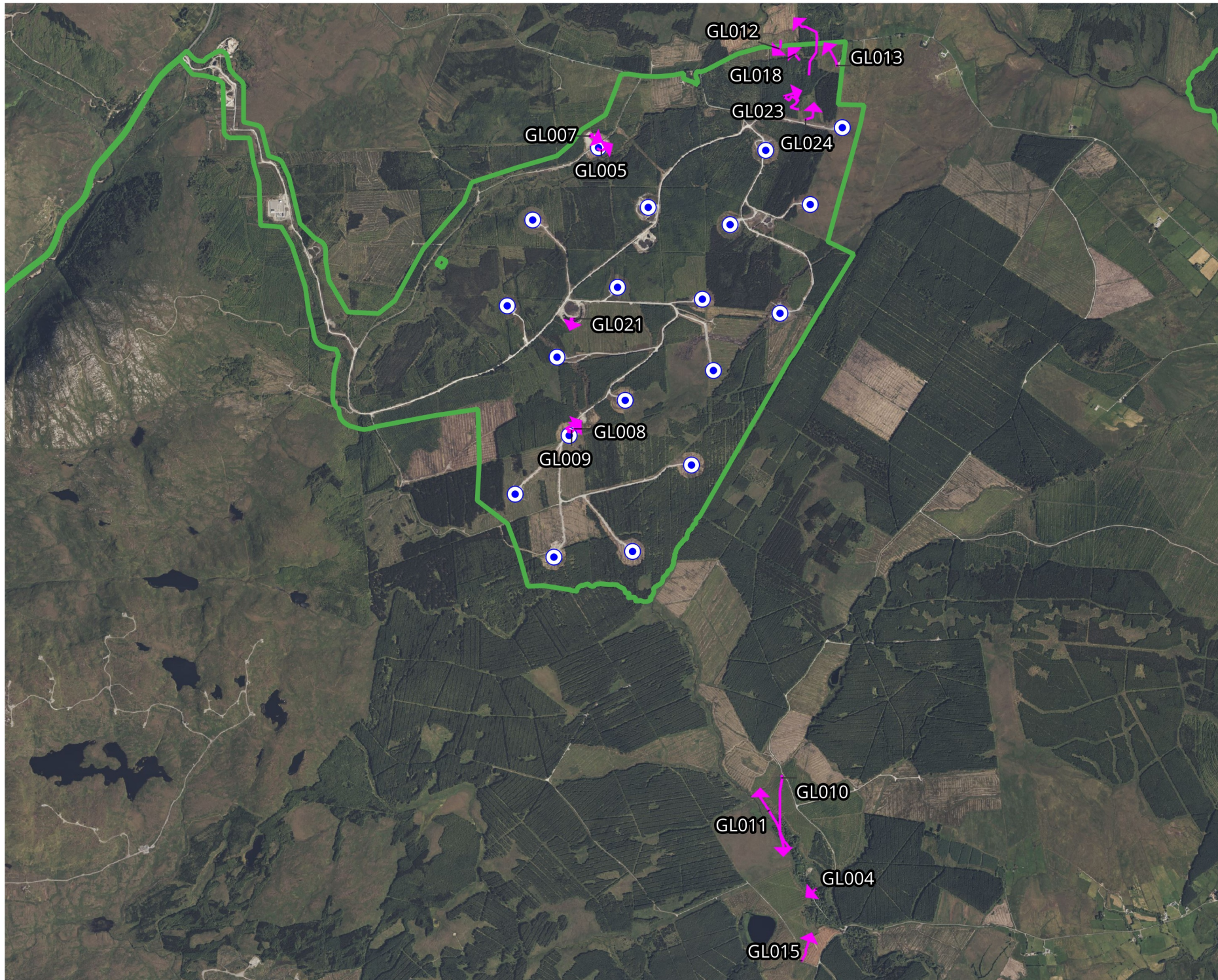


- Map Legend
- Site Boundary
 - Proposed Turbine Locations
 - Species Record



Drawing Title	
Grey Wagtail Breeding Walkover Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-21
Scale	Date
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- Map Legend
- Site Boundary
 - Proposed Turbine Locations
 - Species Record



Drawing Title

**Grey Wagtail
Incidental Records**

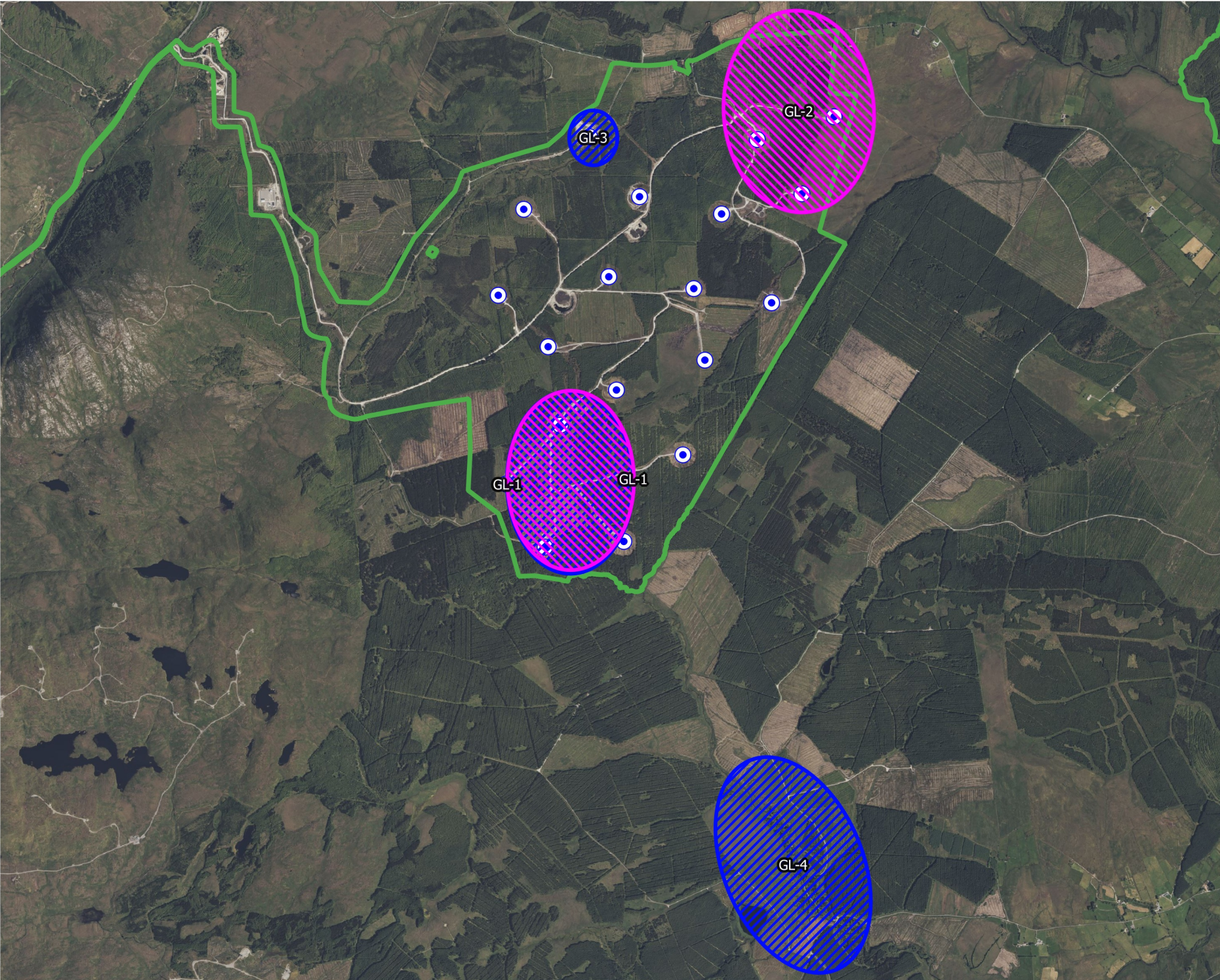
Project Title

**Meenbog Wind Farm,
Co. Donegal**

Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-22
Scale	Date
1:35,000	18.02.2026

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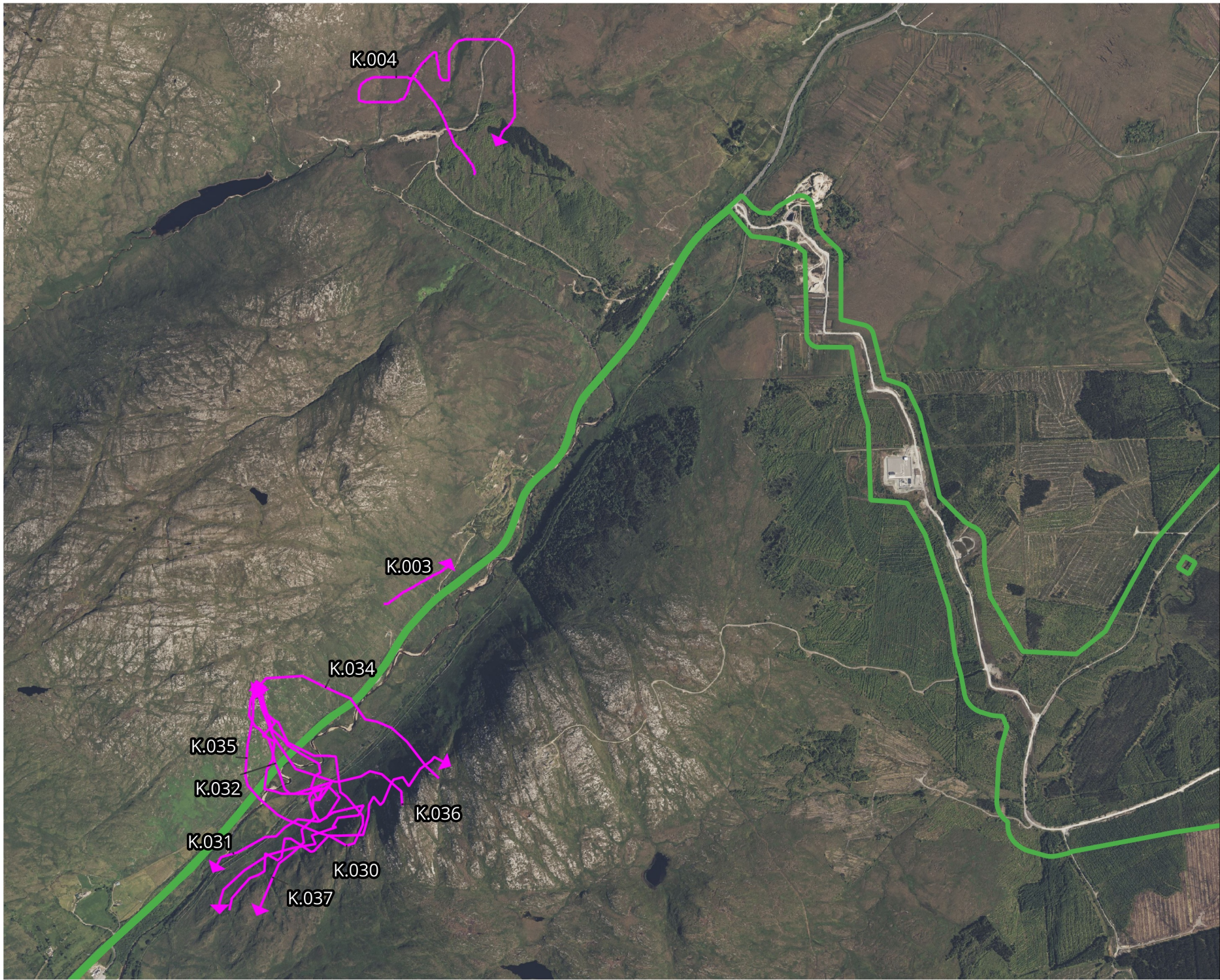


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Confirmed Breeding Area
- Probable Breeding Area



Drawing Title	
Grey Wagtail Breeding Areas	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-23
Scale	Date
1:35,000	18.02.2026
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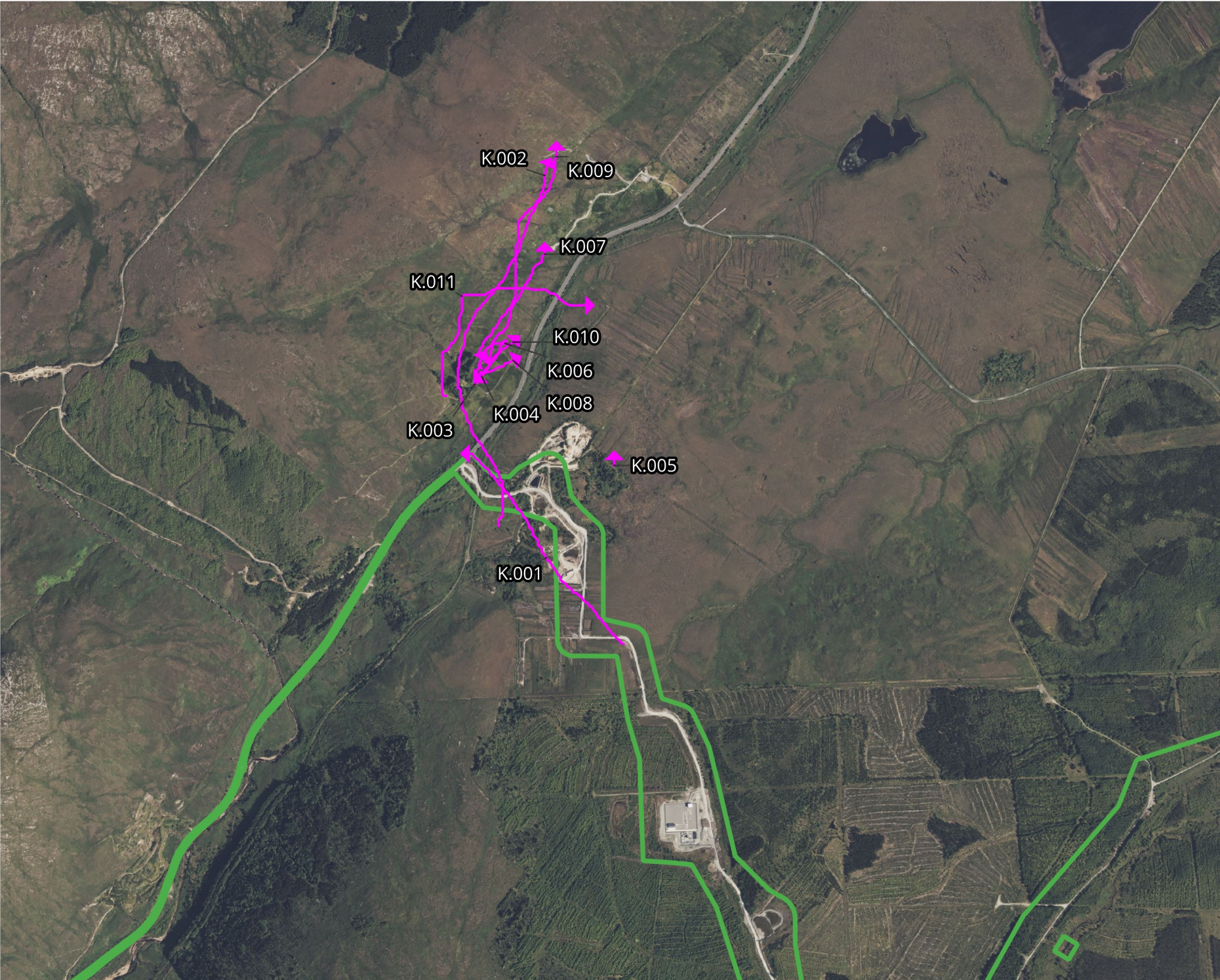


Map Legend

- Site Boundary
- Species Record



Drawing Title	
Kestrel Breeding Raptor Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-24
Scale	Date
1:20,000	18.02.2026
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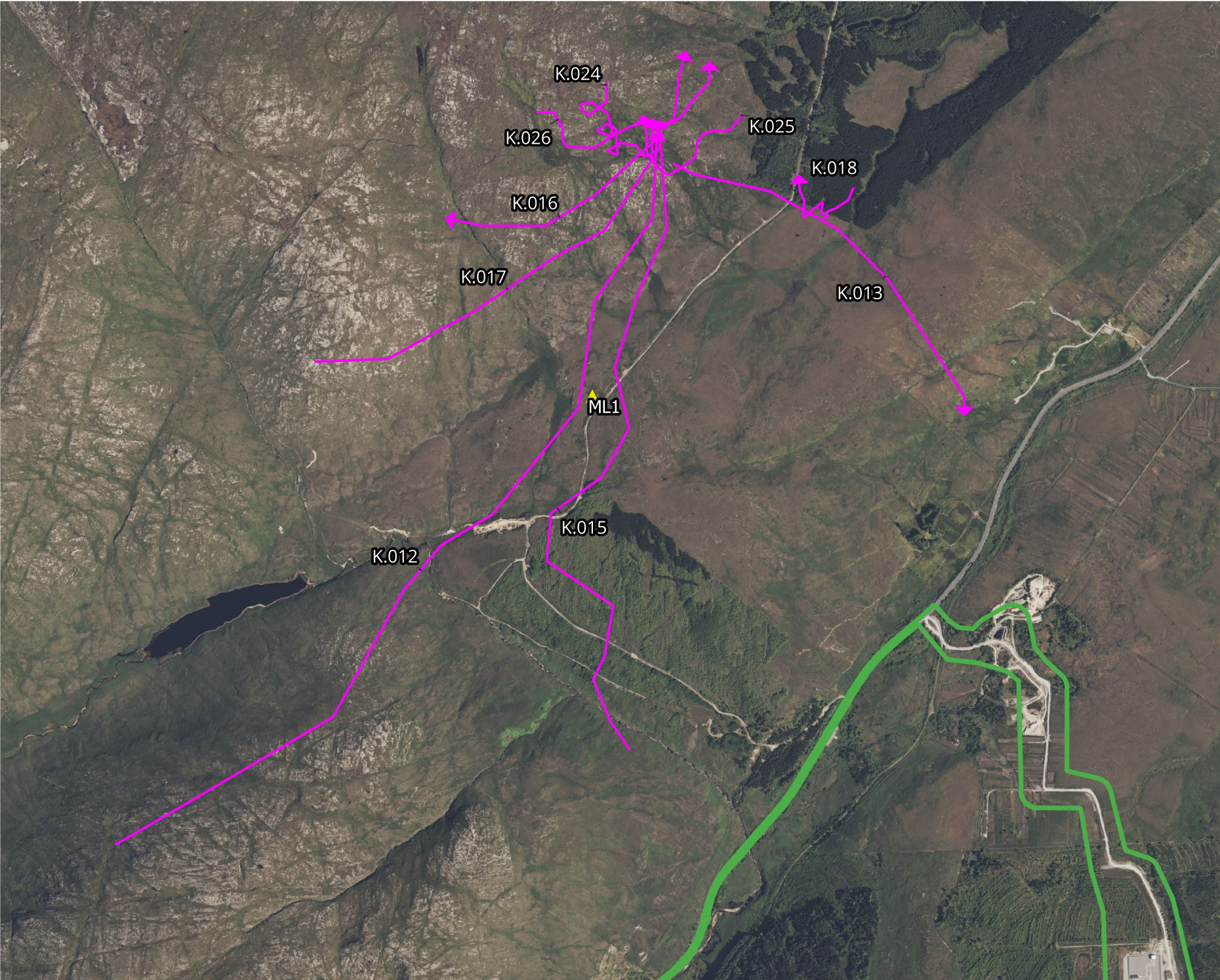


Map Legend

- Site Boundary
- Species Record



Drawing Title	
Kestrel	
Connectivity Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-25
Scale	Date
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Map Legend

- Site Boundary
- Species Record



Drawing Title

Kestrel Supplemental Surveys

Project Title

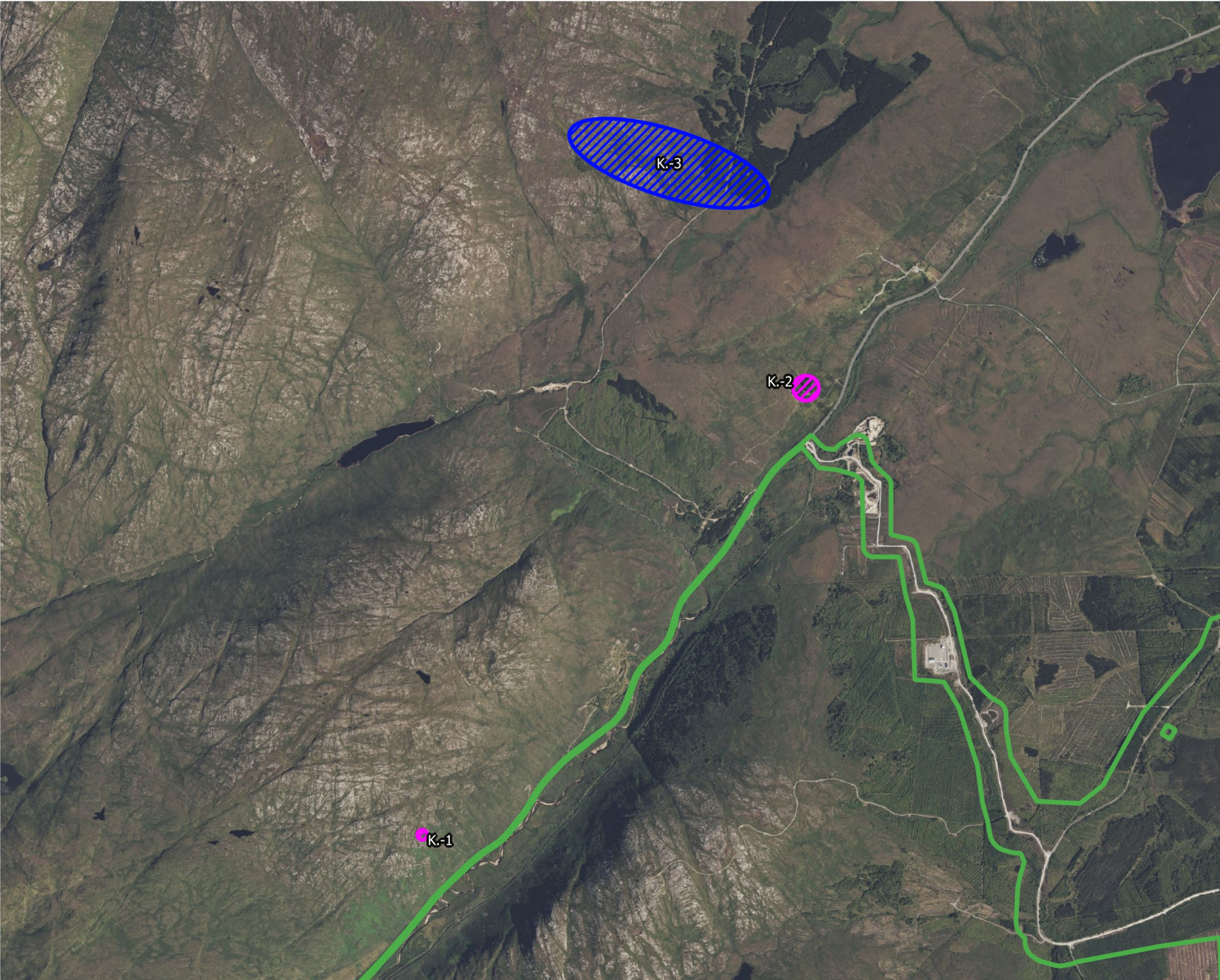
Meenbog Wind Farm, Co. Donegal

Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-26
Scale	Date
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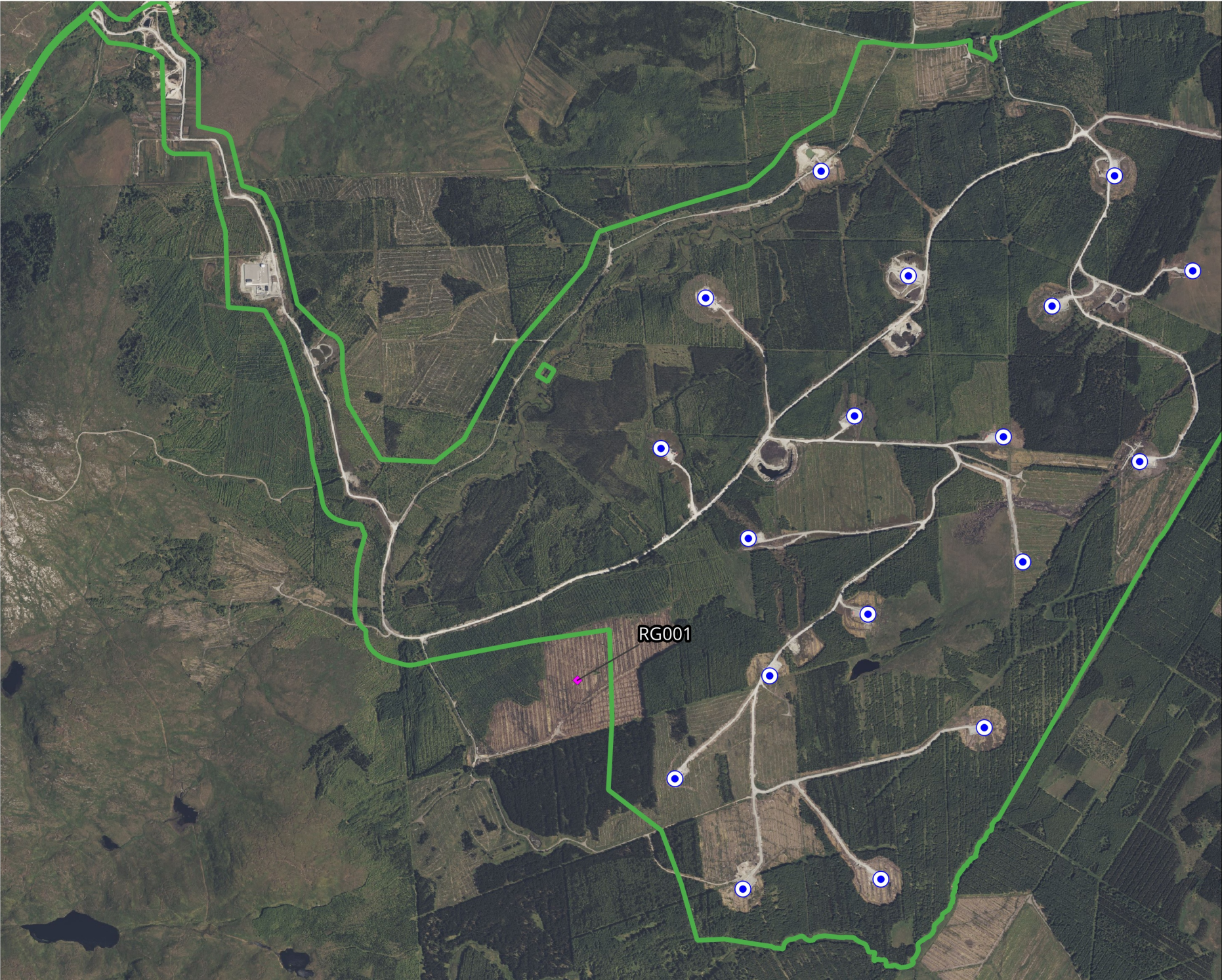


Map Legend

- Site Boundary
- Confirmed Breeding Location
- Probable Breeding Location



Drawing Title	
Kestrel Breeding Locations	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-27
Scale	Date
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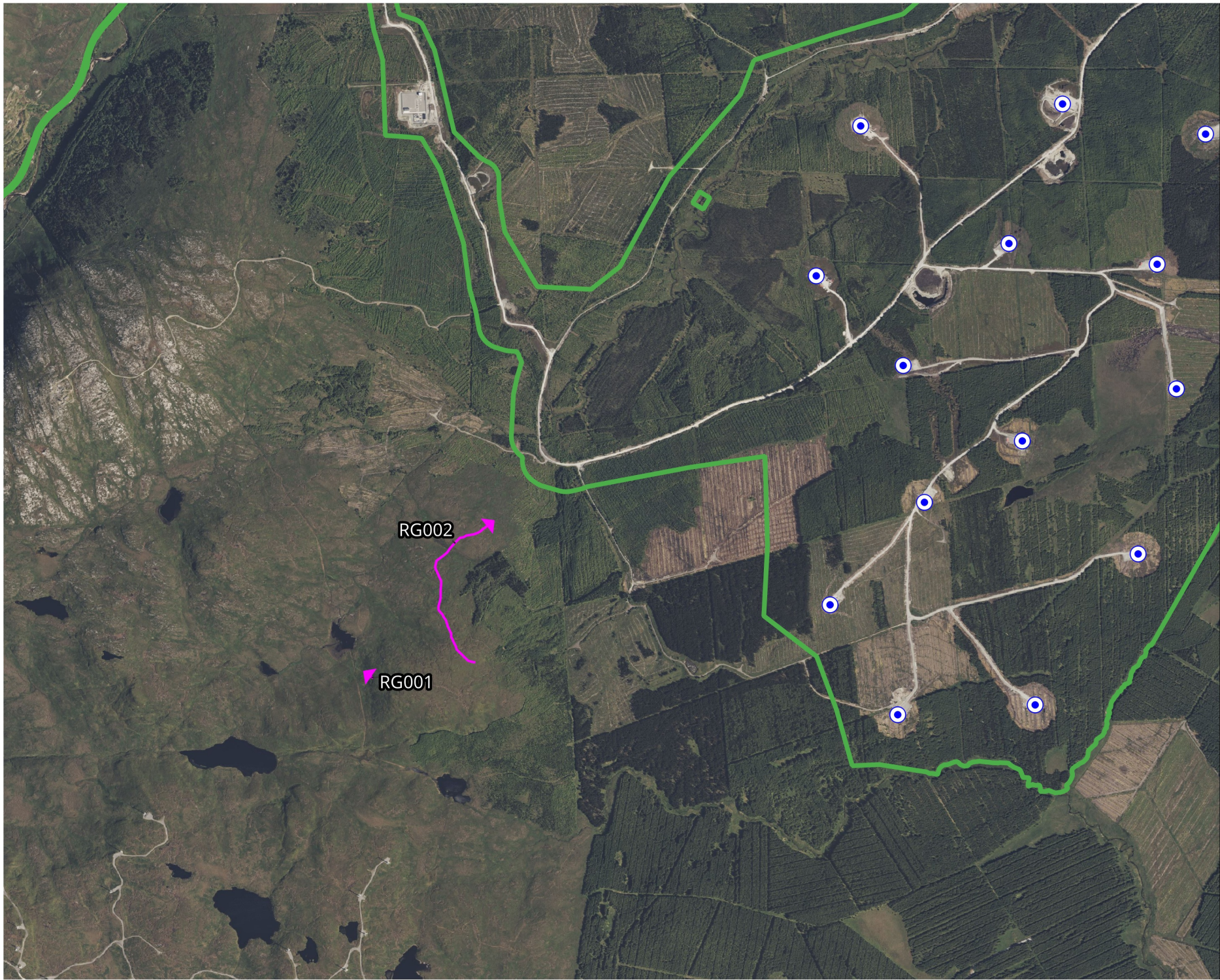


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Red Grouse Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-28
Scale	Date
1:20,000	18.02.2026
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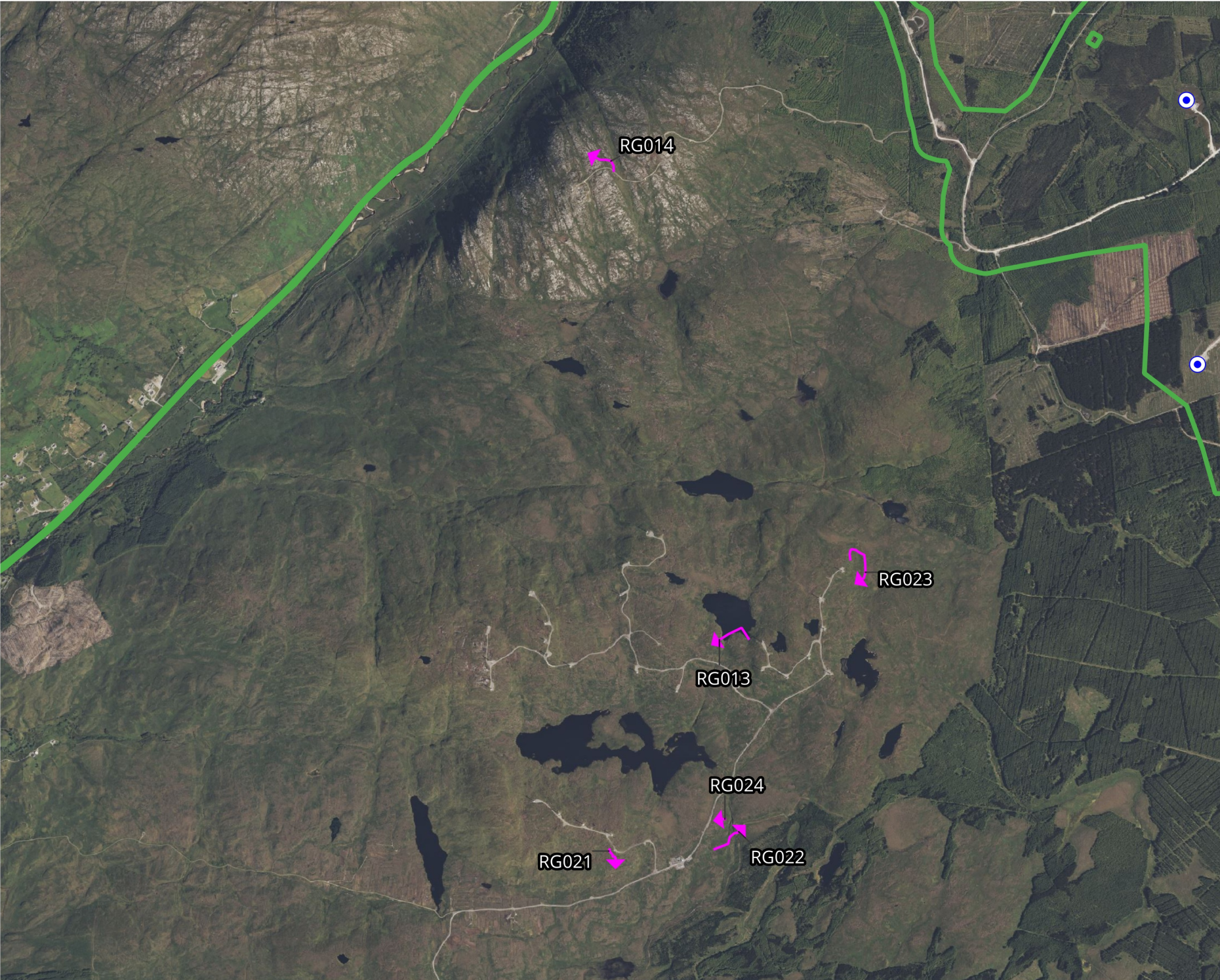


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



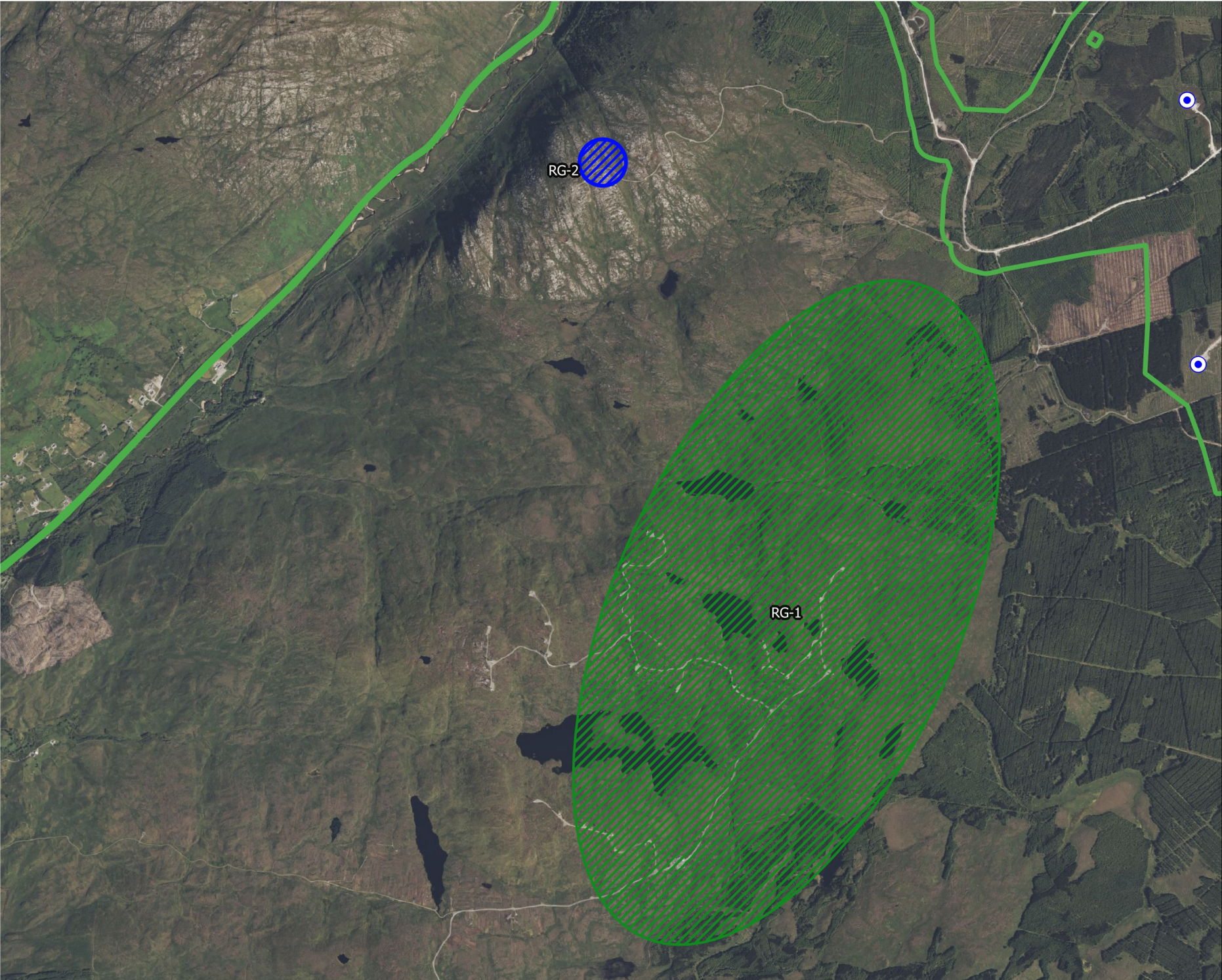
Drawing Title	
Red Grouse Breeding Red Grouse Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-29
Scale	Date
1:20,000	18.02.2026
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- Map Legend
- Site Boundary
 - Proposed Turbine Locations
 - Species Record



Drawing Title	
Red Grouse Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-30
Scale	Date
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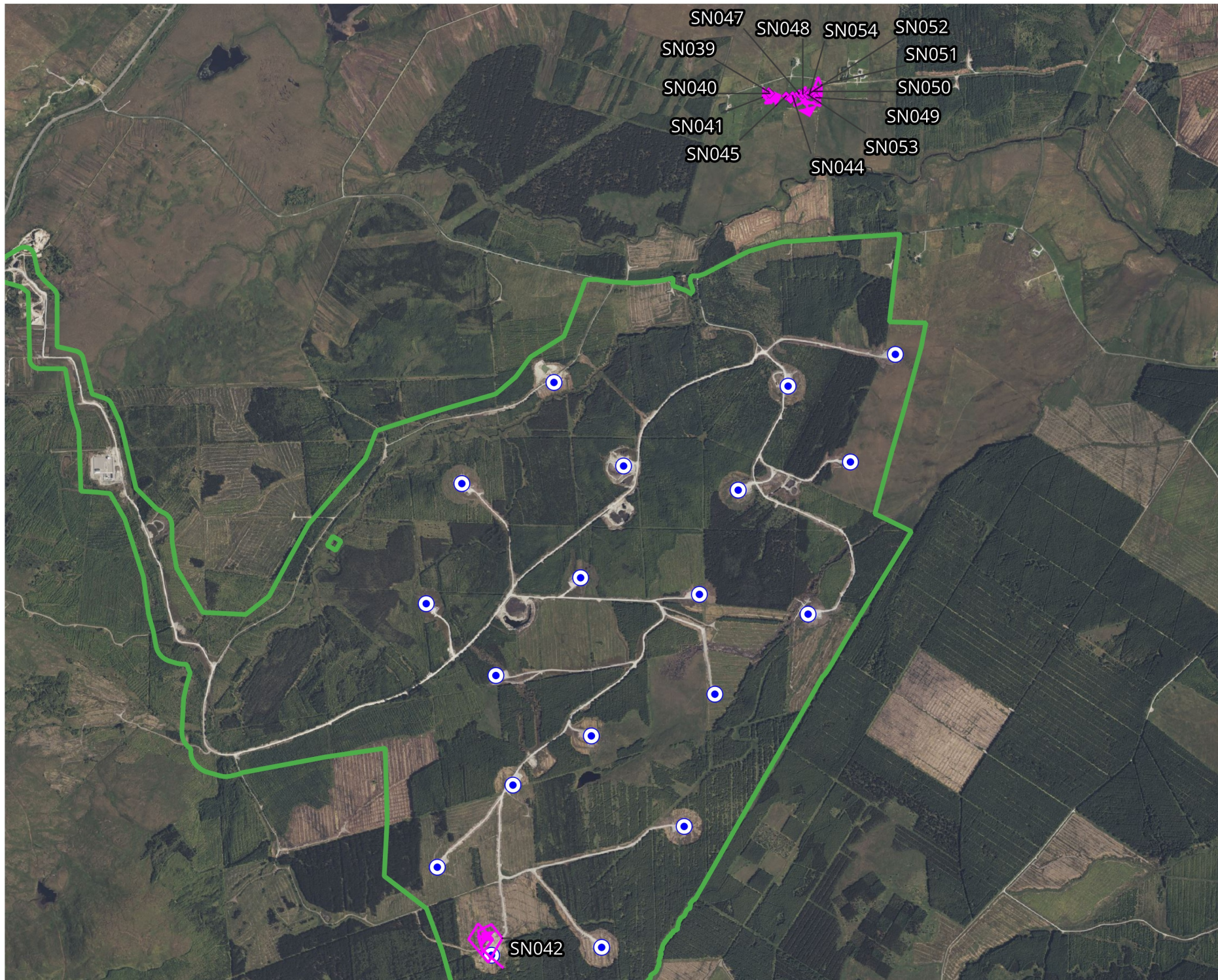


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Probable Breeding Area
- Possible Breeding Area



Drawing Title	
Red Grouse Breeding Areas	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-31
Scale	Date
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Website: ww.mkofireland.ie	



Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record
- Species Record



Drawing Title

Snipe
Vantage Point Survey

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-32

Scale

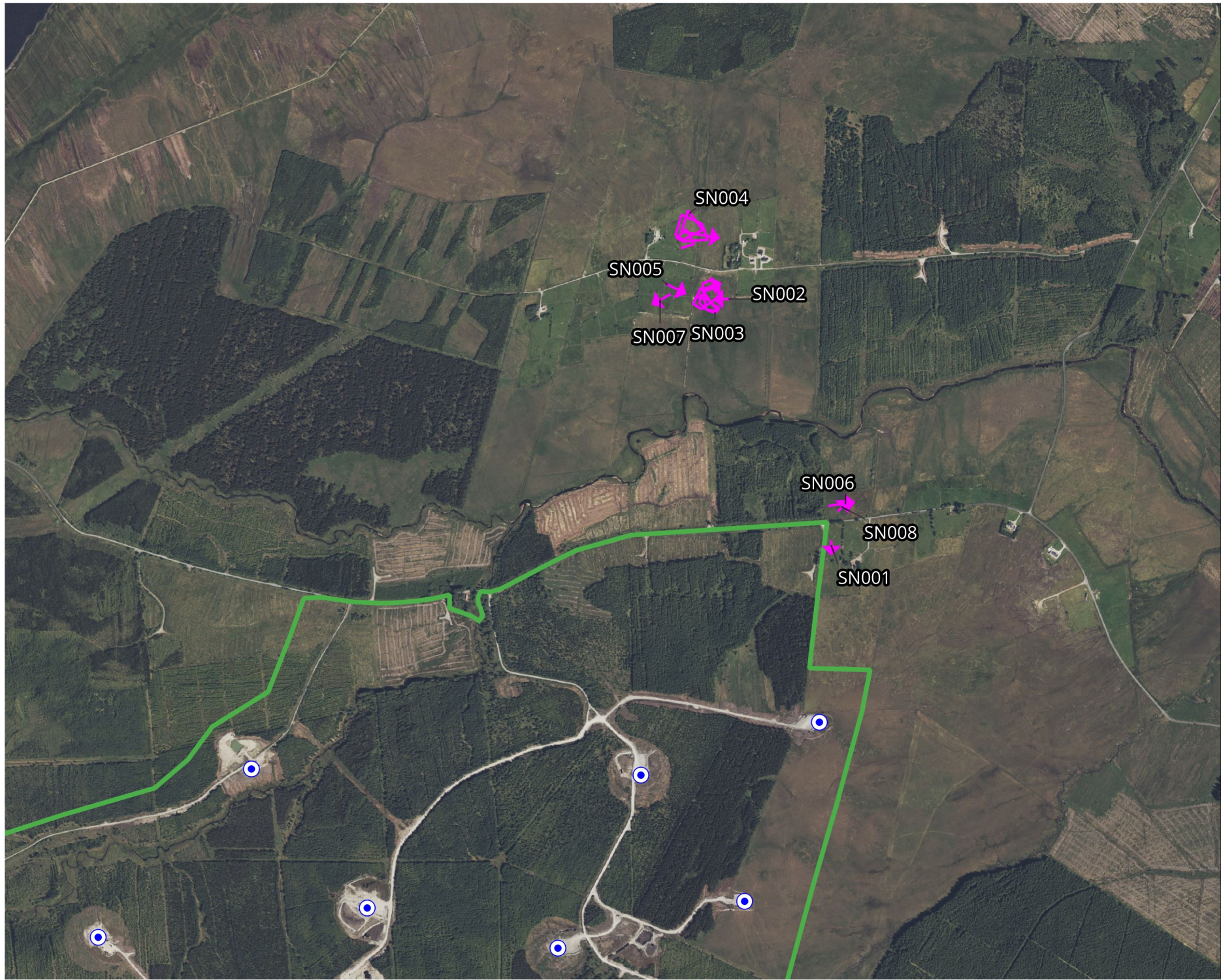
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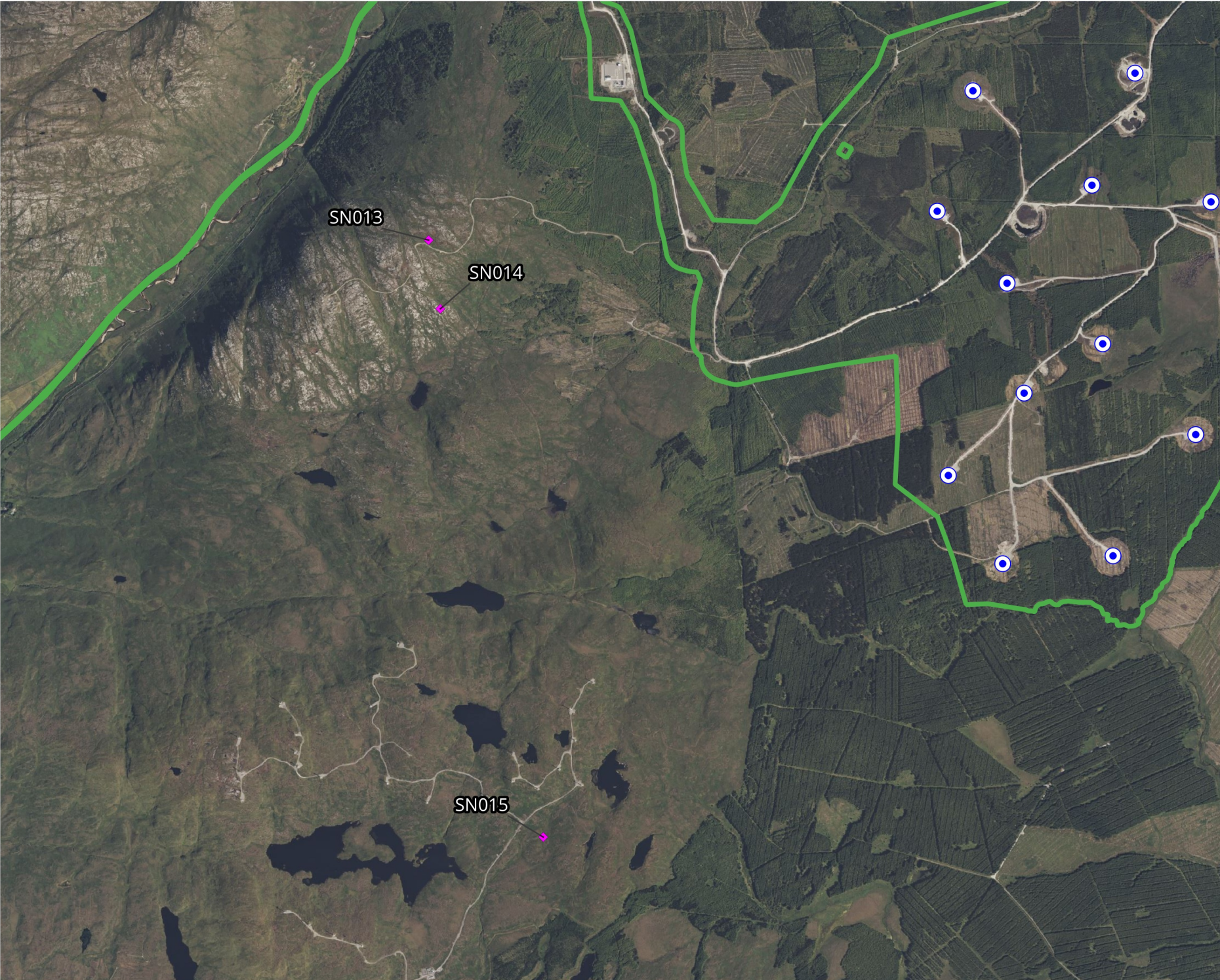


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Snipe Breeding Walkover Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-33
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title
Snipe Waterbird Distribution
and Abundance Survey

Project Title
Meenbog Wind Farm,
Co. Donegal

Drawn By
KB

Checked By
SD

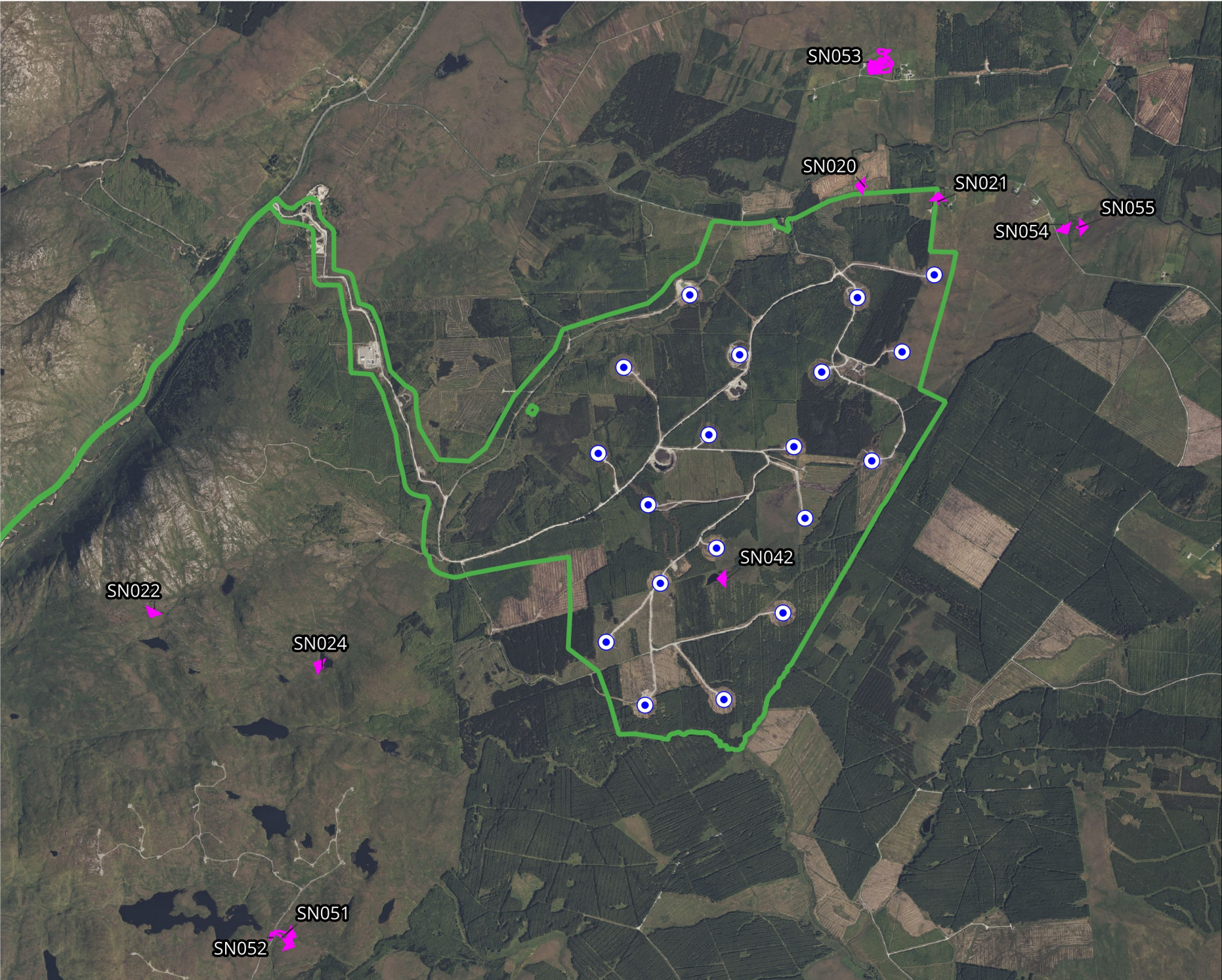
Project No.
240505

Drawing No.
Fig. 7-5-34

Scale
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Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

**Snipe
Incidental Records**

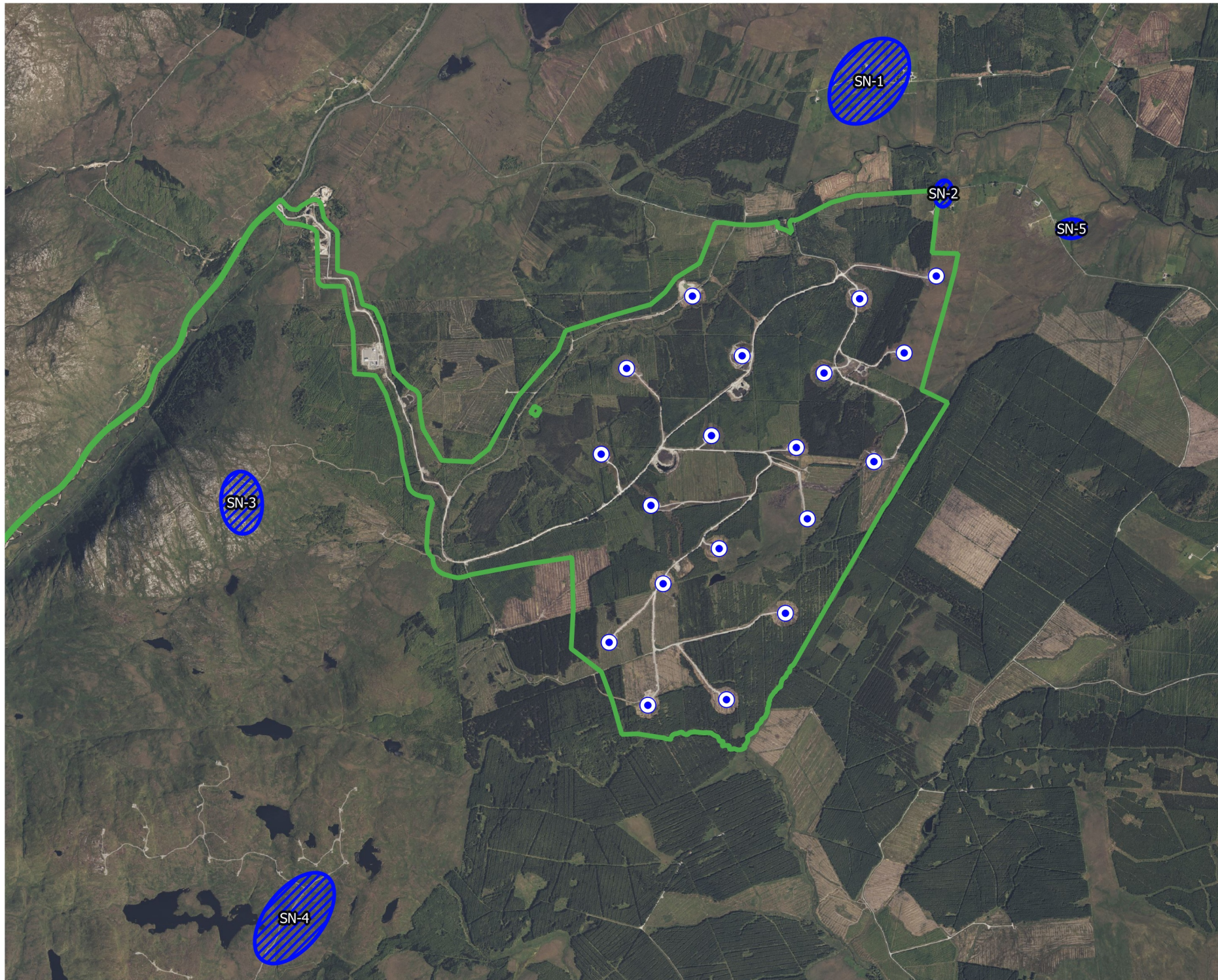
Project Title

**Meenbog Wind Farm,
Co. Donegal**

Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-35
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Probable Breeding Location



Drawing Title

Snipe
Breeding Locations

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-36

Scale

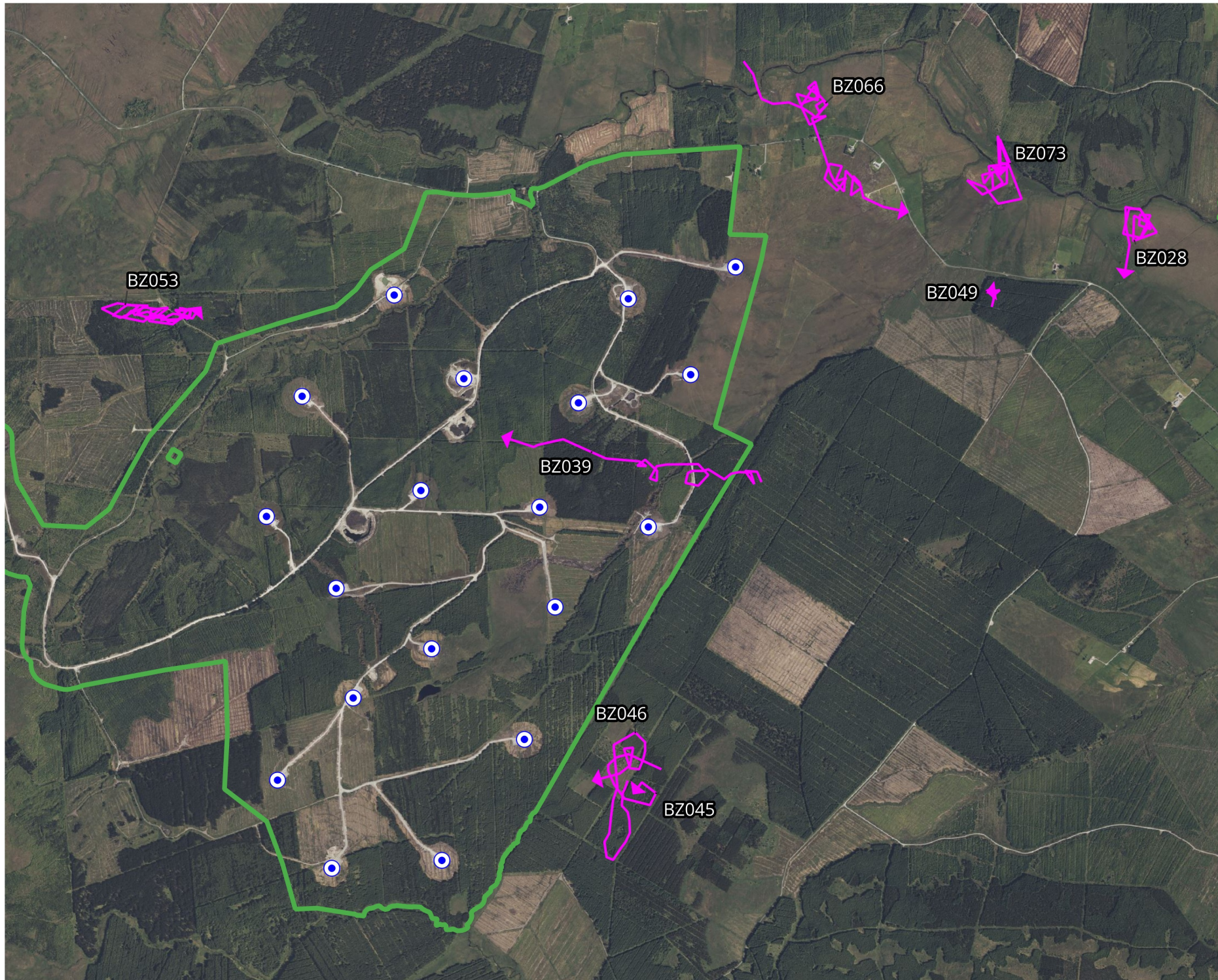
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Date

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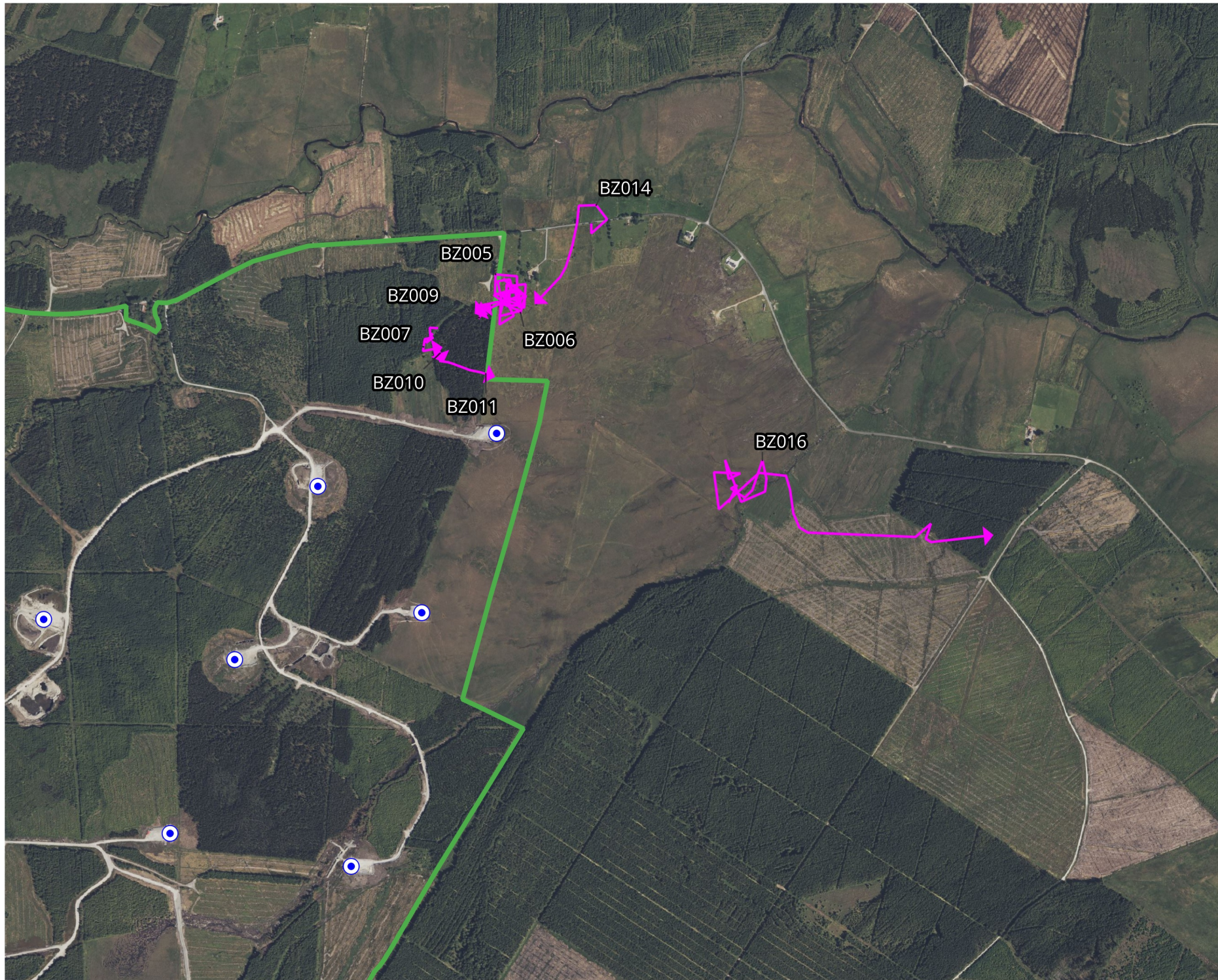


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Buzzard Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-37
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

**Buzzard
Breeding Walkover Survey**

Project Title

**Meenbog Wind Farm,
Co. Donegal**

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-38

Scale

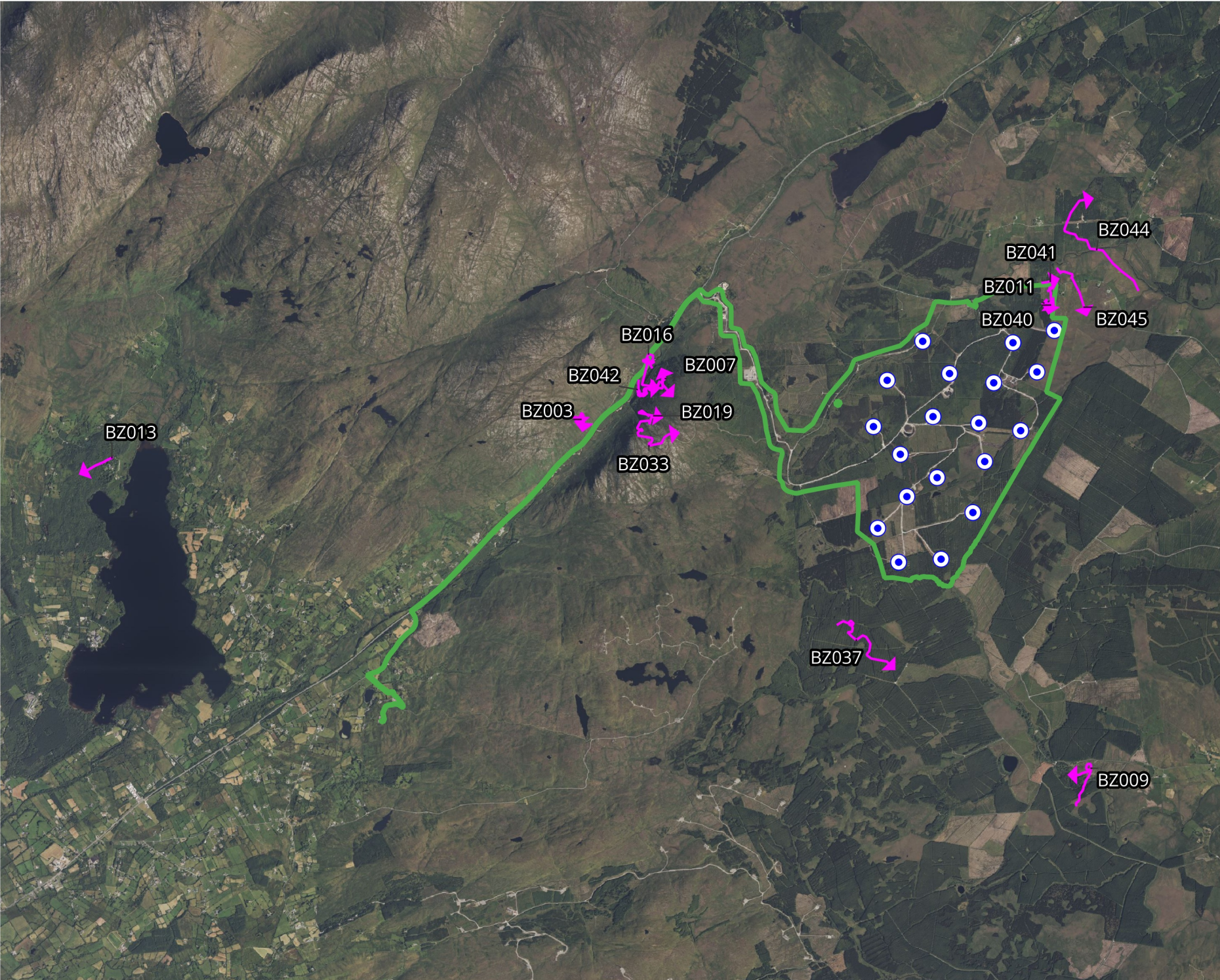
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title
**Buzzard
Breeding Raptor Survey**

Project Title
**Meenbog Wind Farm,
Co. Donegal**

Drawn By
KB

Checked By
SD

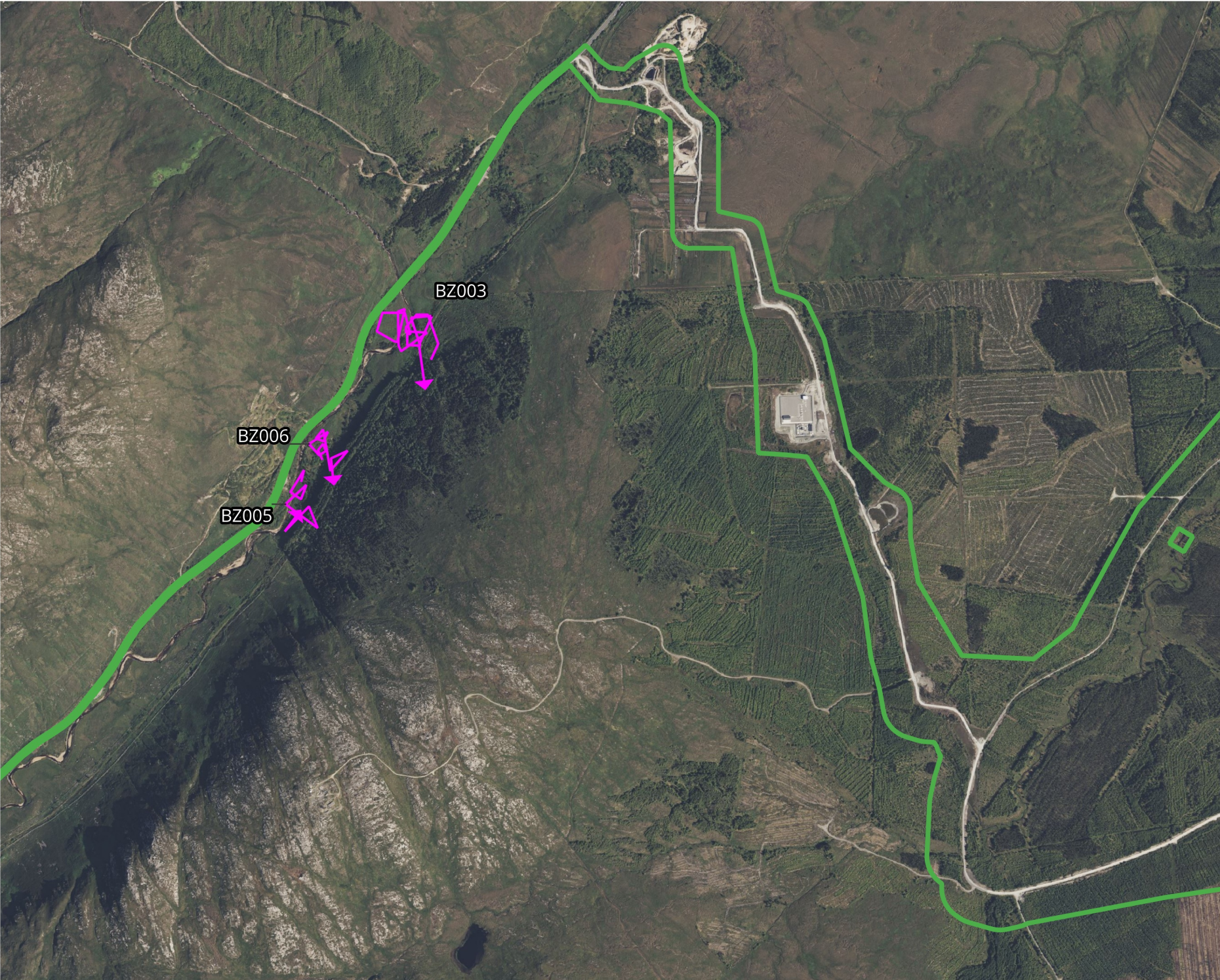
Project No.
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Drawing No.
Fig. 7-5-39

Scale
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Date
18.02.2026

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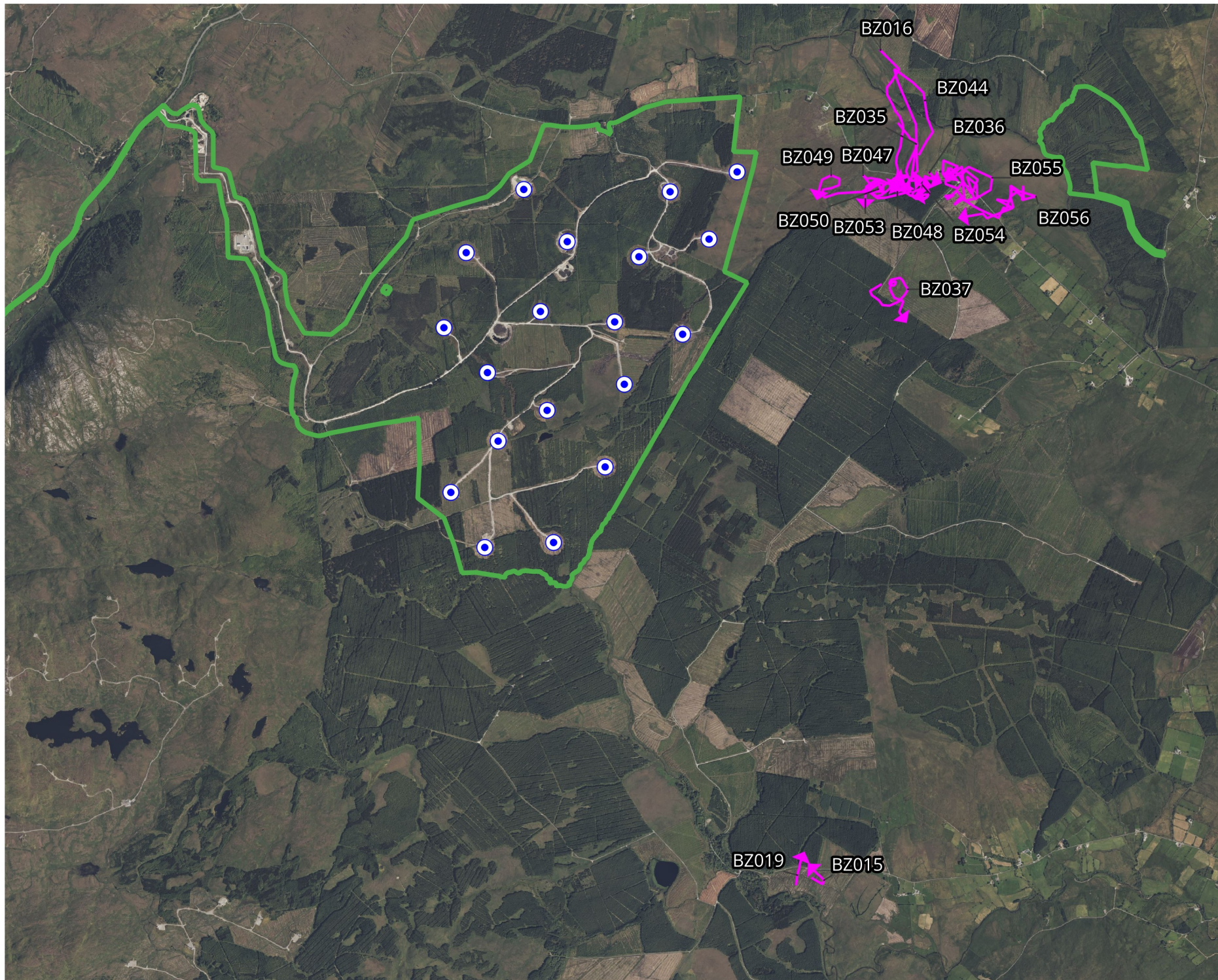


Map Legend

- Site Boundary
- Species Record



Drawing Title	
Buzzard Connectivity Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-40
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

Buzzard Incidental Records

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-41

Scale

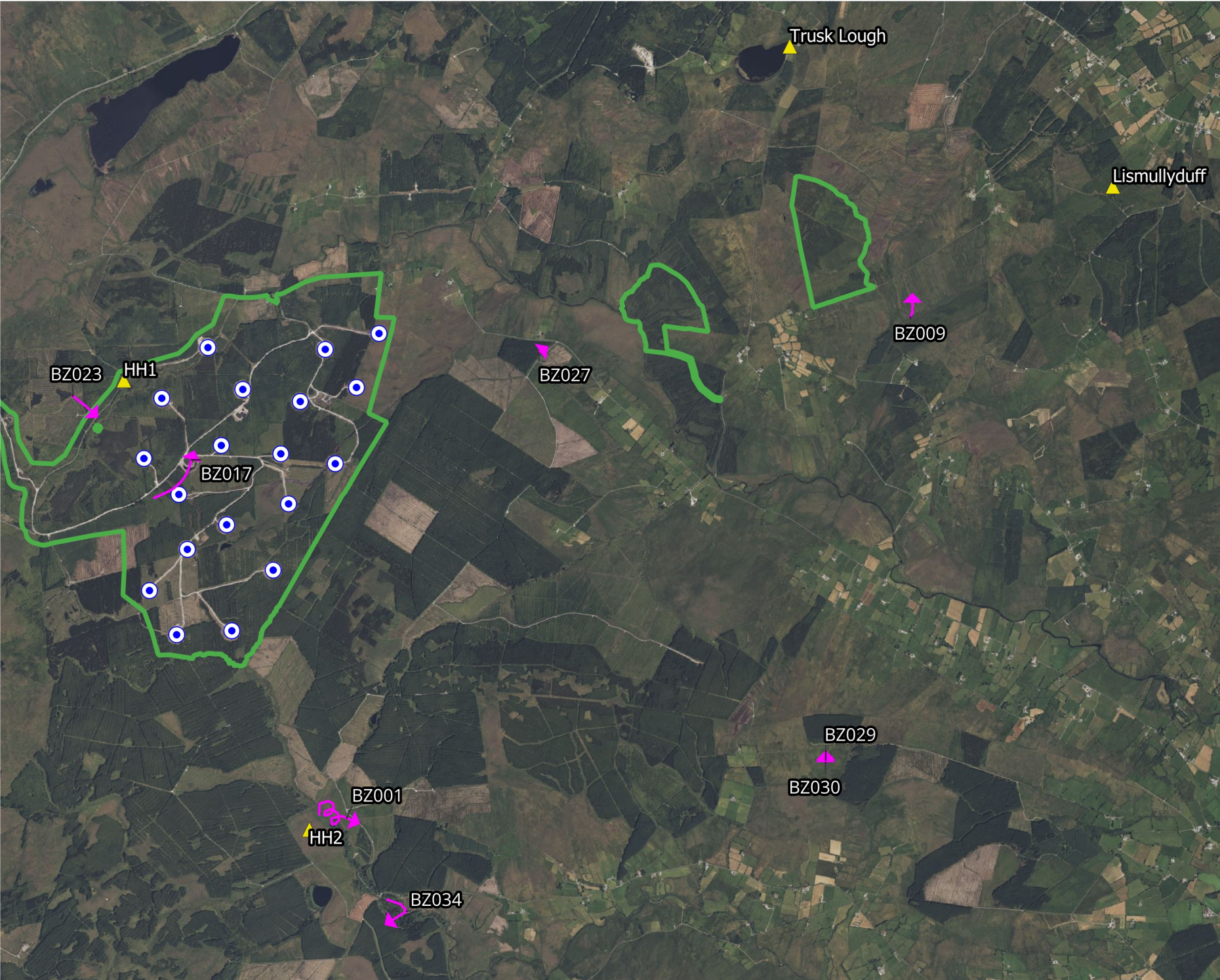
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Survey Locations
- Species Record

Map Orientation

N

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Drawing Title

**Buzzard
Supplemental Surveys**

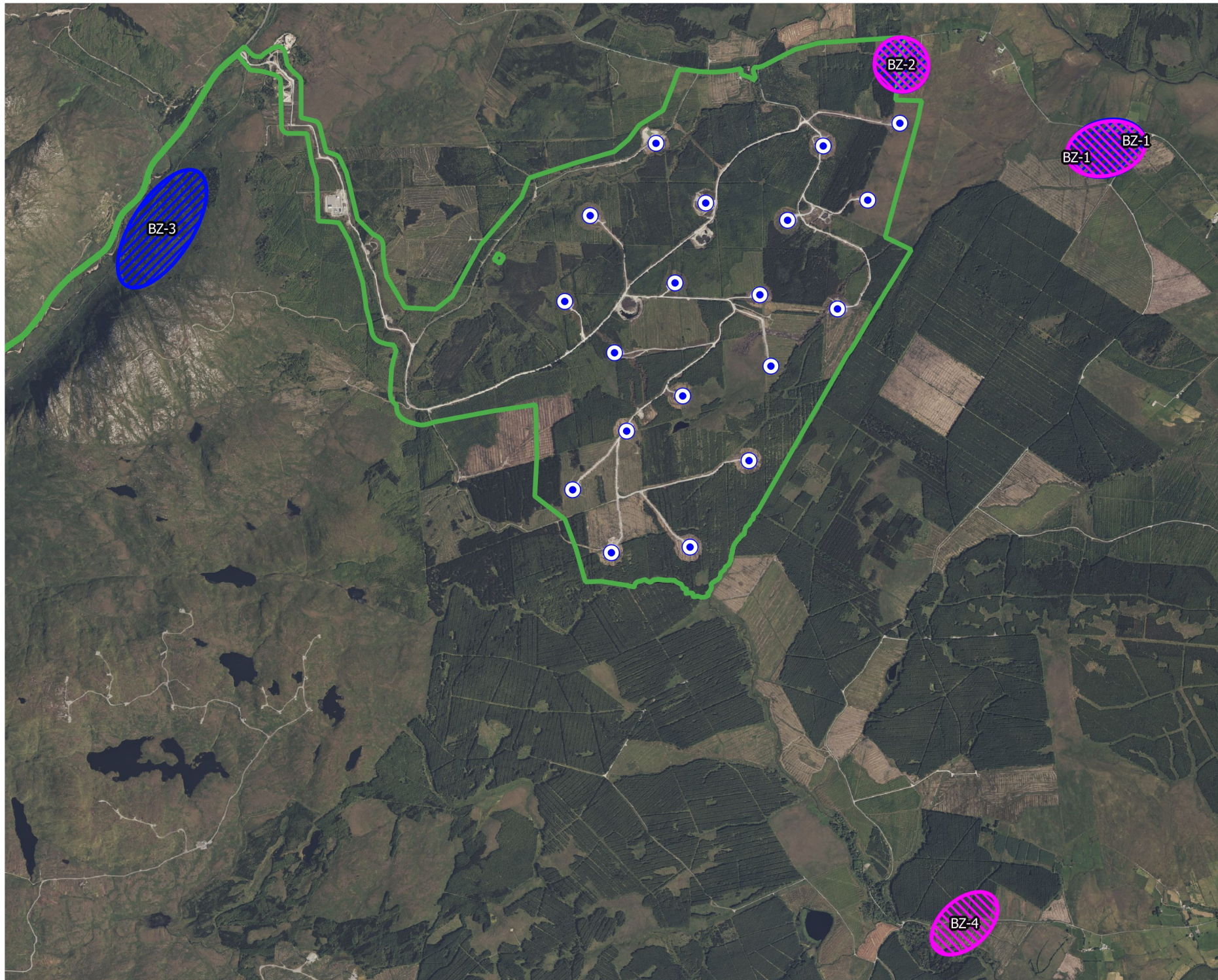
Project Title

**Meenbog Wind Farm,
Co. Donegal**

Drawn By	Checked By
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Project No.	Drawing No.
240505	Fig. 7-5-42
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Confirmed Breeding Location
- Probable Breeding Location



Drawing Title

Buzzard Breeding Locations

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-43

Scale

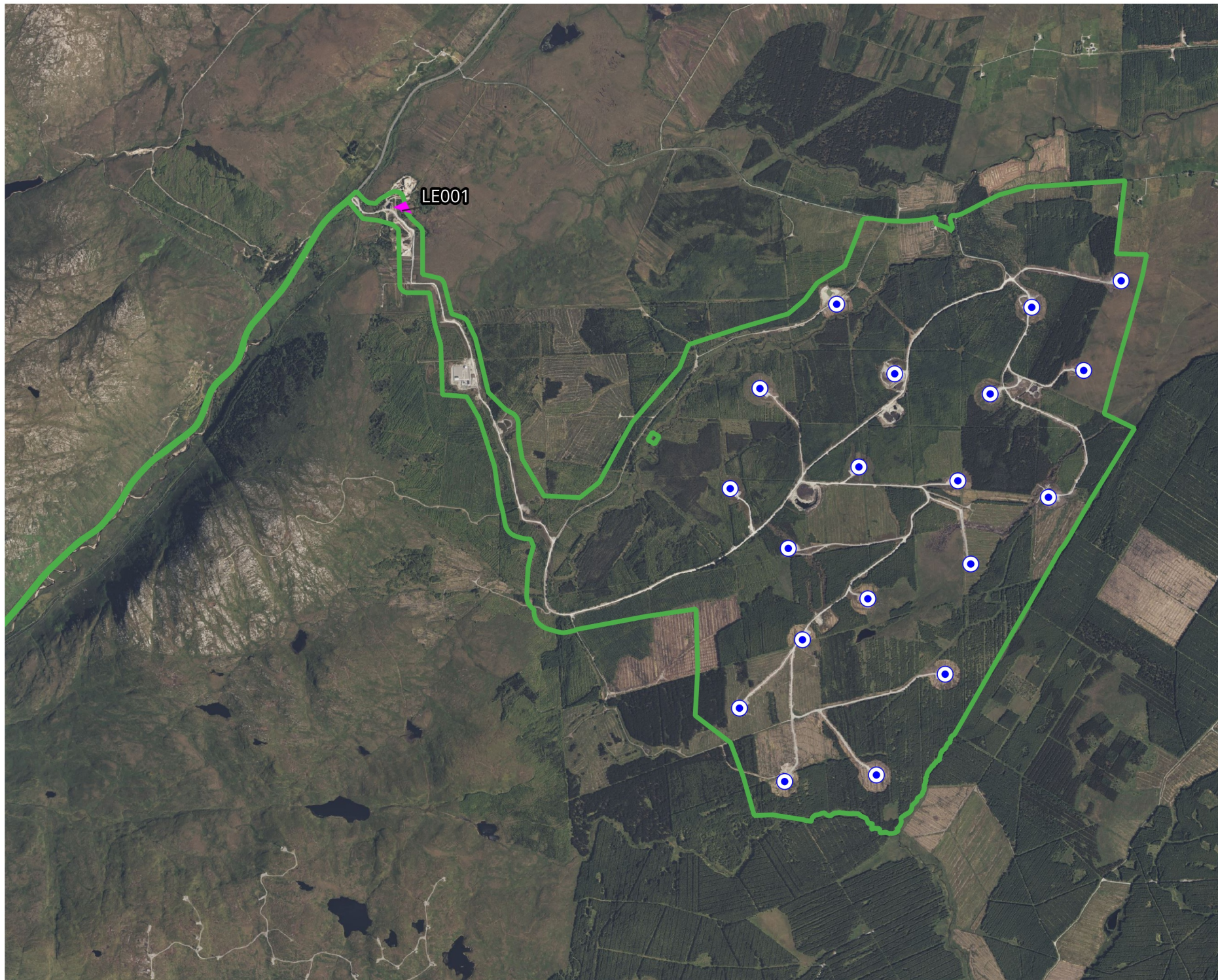
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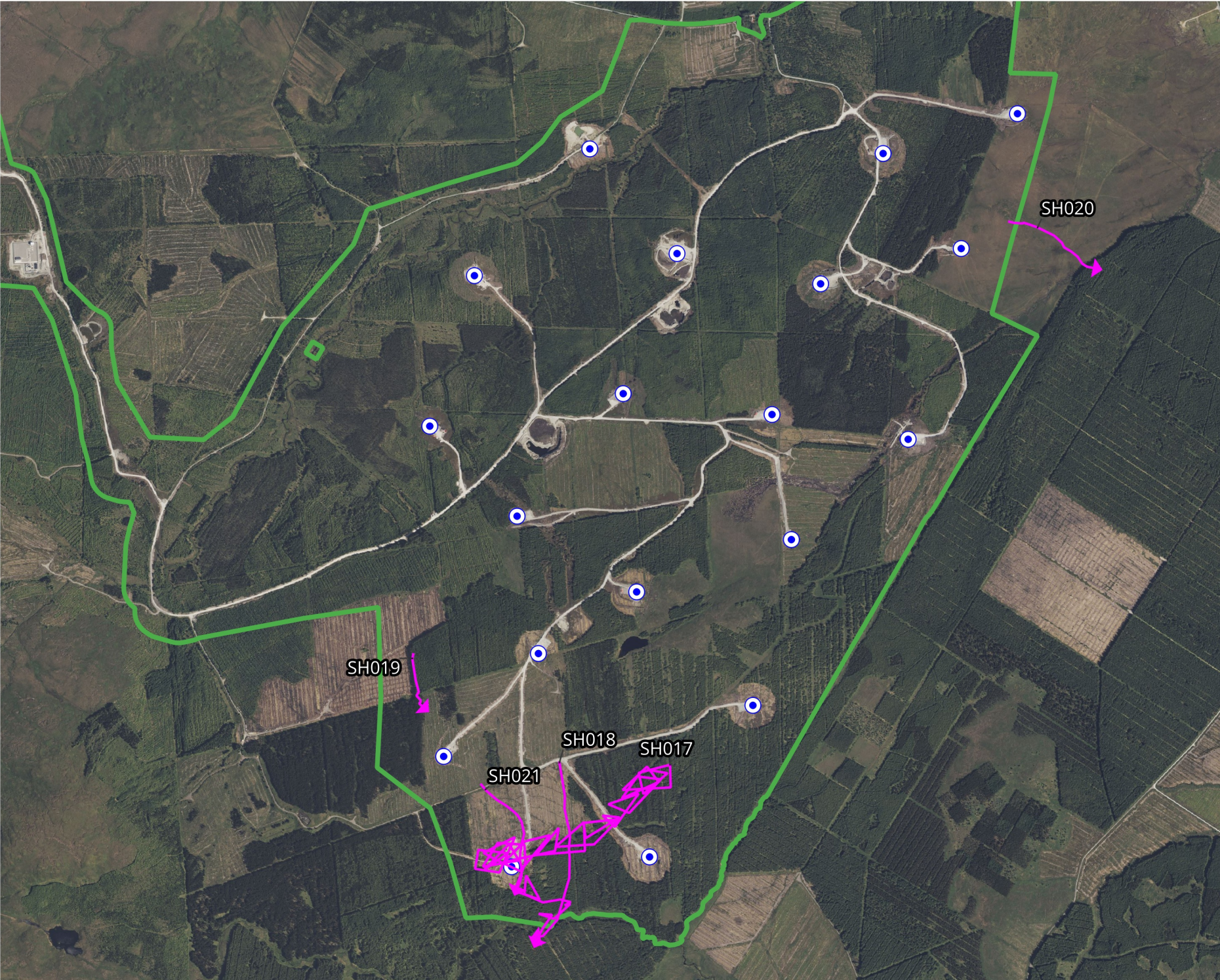


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



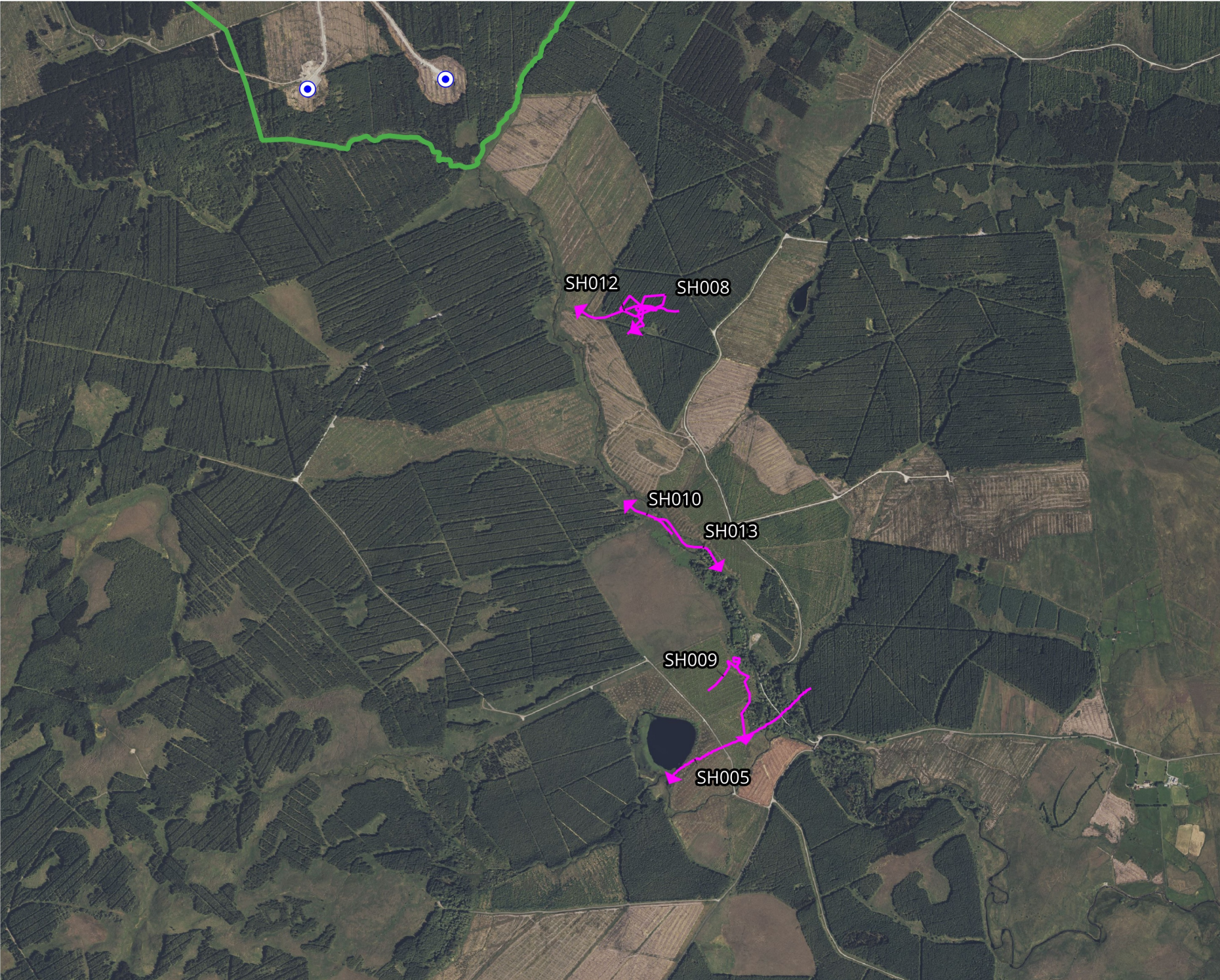
Drawing Title	
Long-eared Owl Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-44
Scale	Date
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- Map Legend
- Site Boundary
 - Proposed Turbine Locations
 - Species Record



Drawing Title	
Sparrowhawk Vantage Point Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-45
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

Sparrowhawk Breeding Raptor Survey

Project Title

Meenbog Wind Farm, Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-46

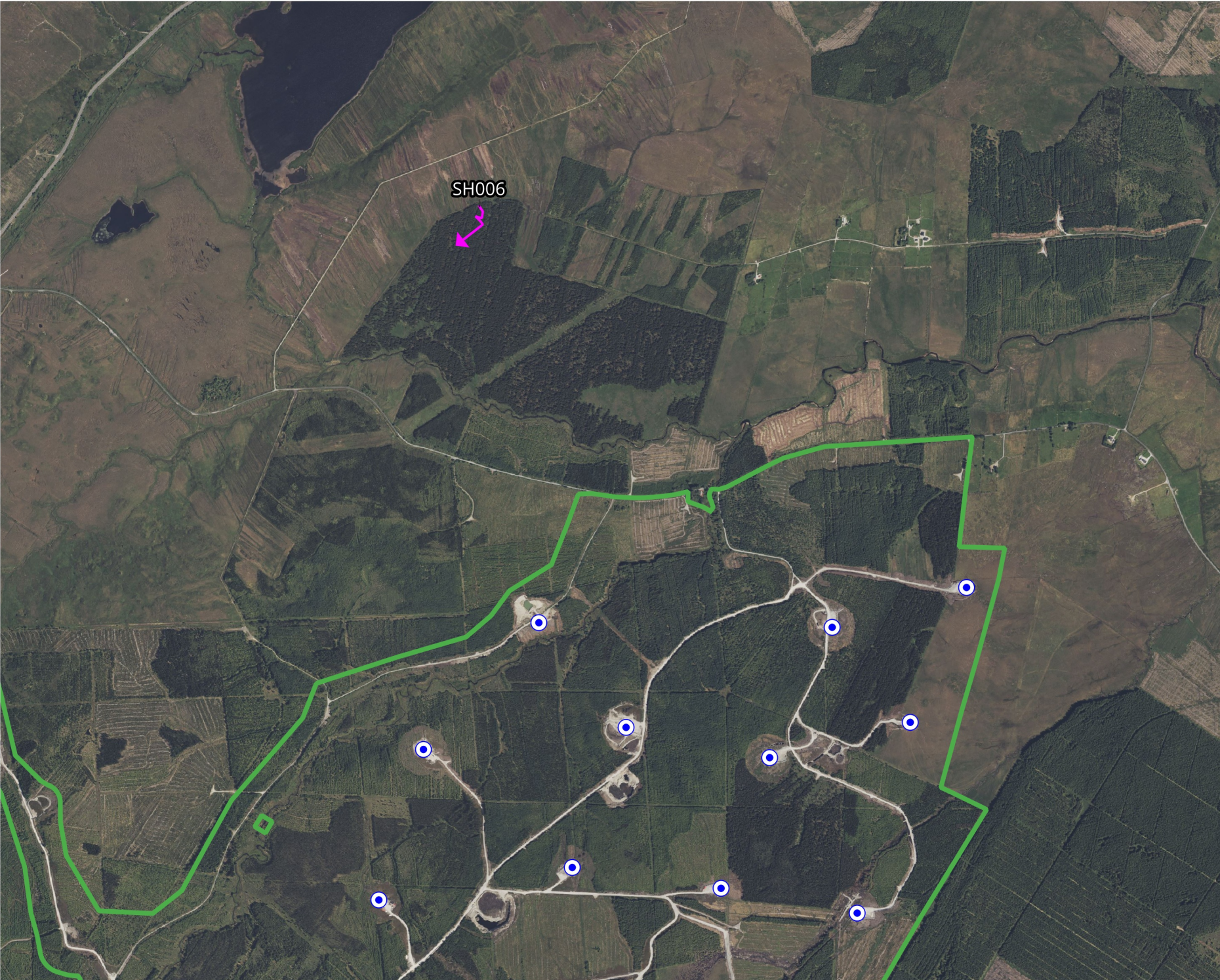
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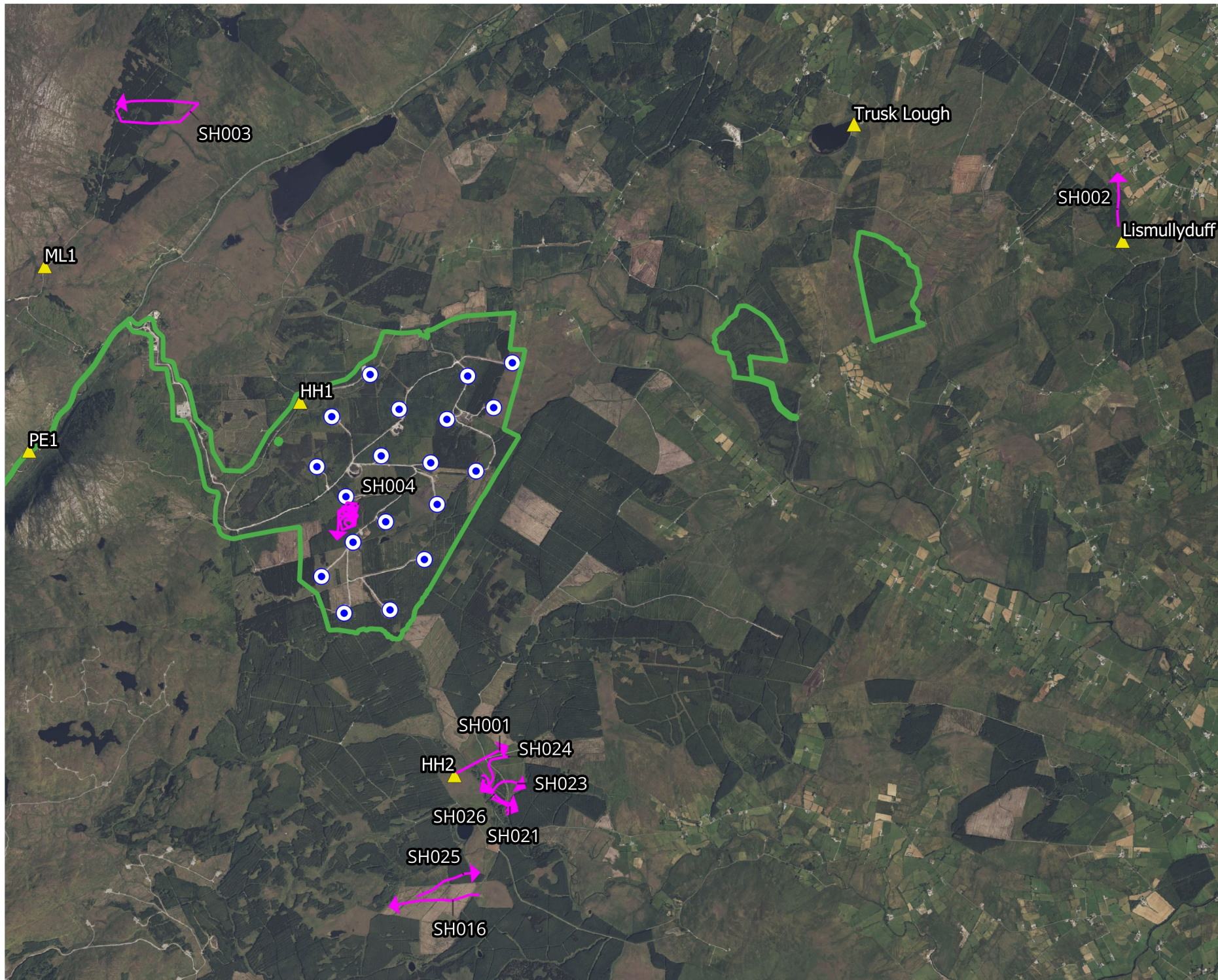


Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Sparrowhawk Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-47
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Survey Locations
- Species Record



Drawing Title

Sparrowhawk
Supplemental Surveys

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-48

Scale

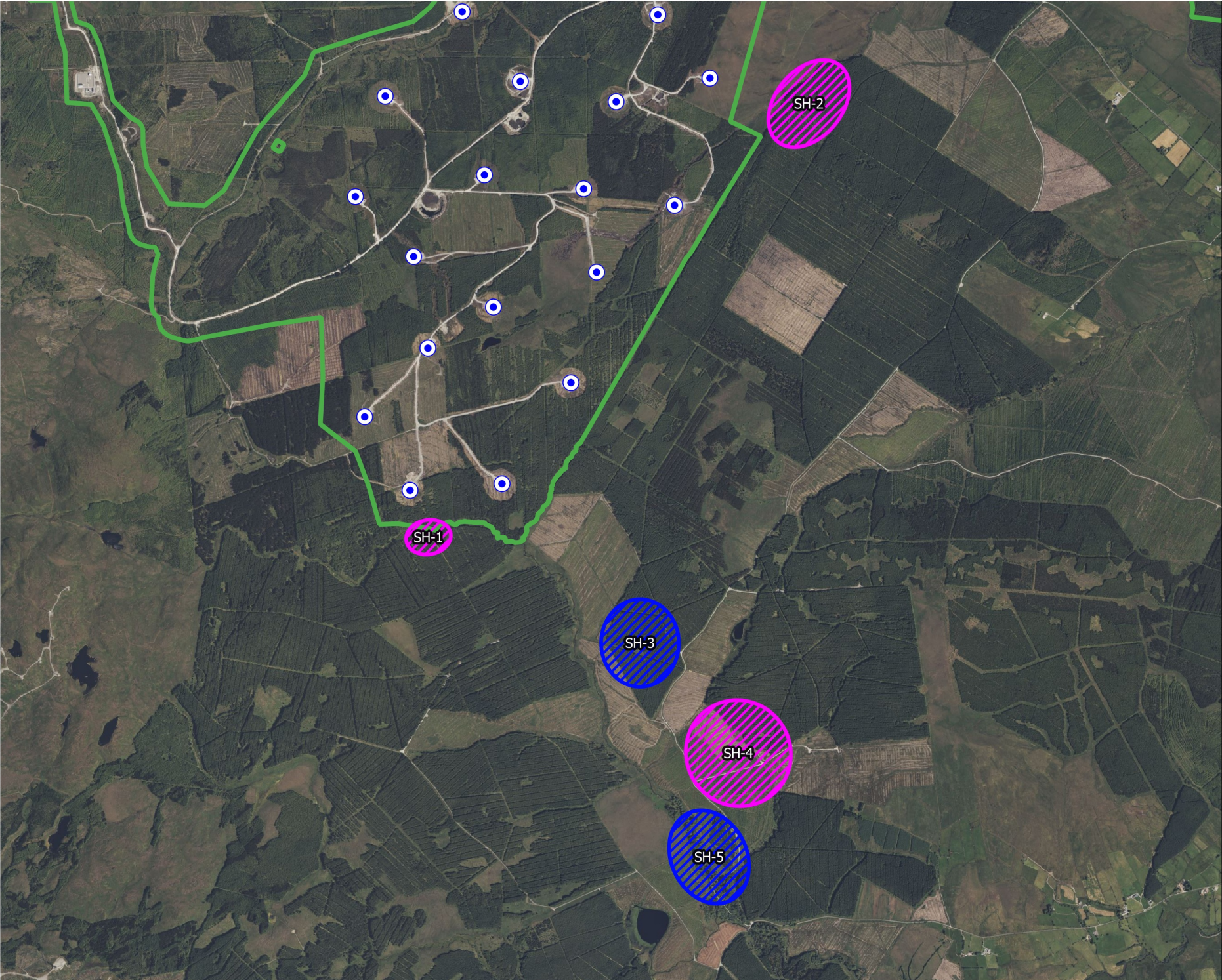
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Confirmed Breeding Location
- Probable Breeding Location



Drawing Title

Sparrowhawk Breeding Locations

Project Title

Meenbog Wind Farm, Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-49

Scale

1:30,000

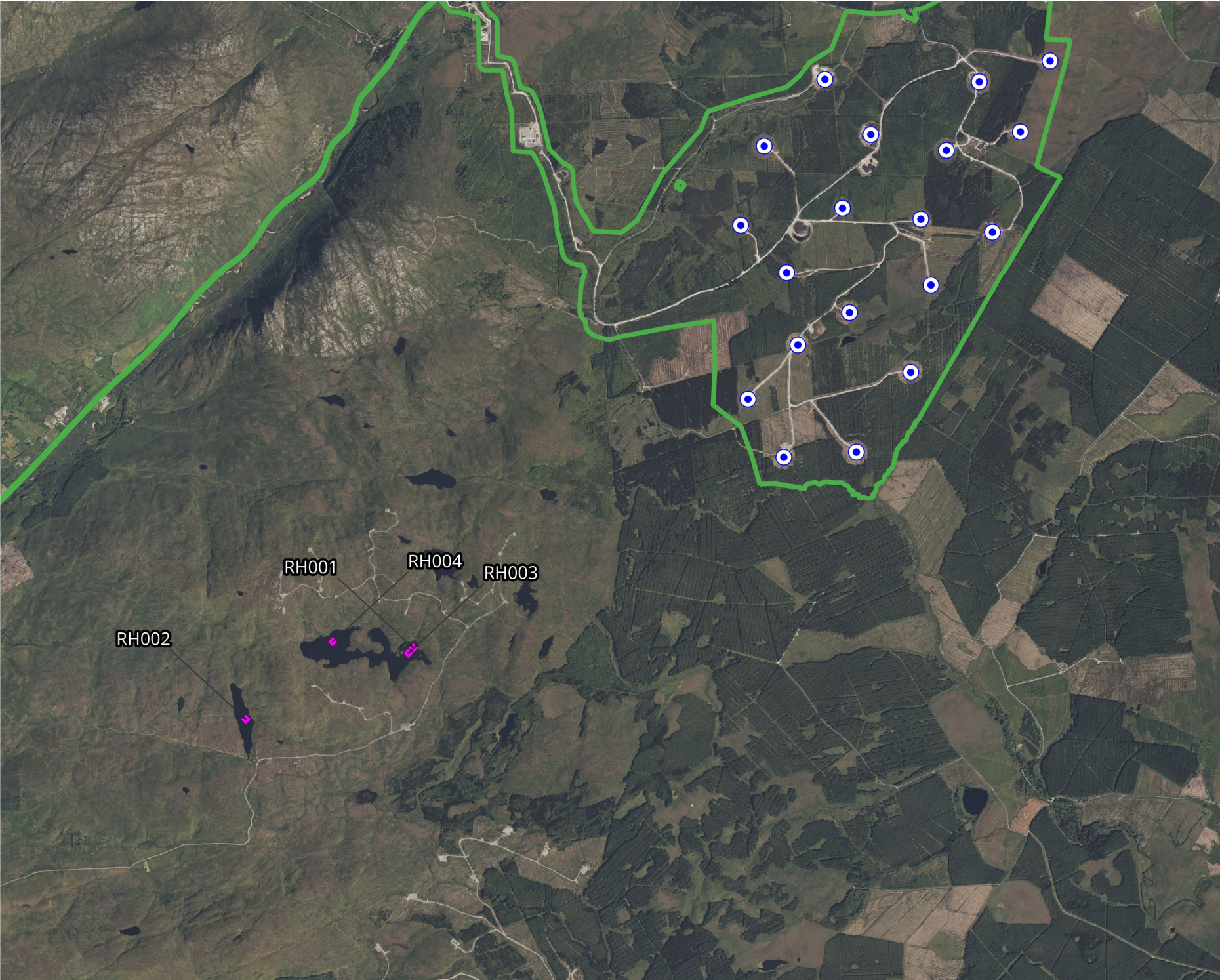
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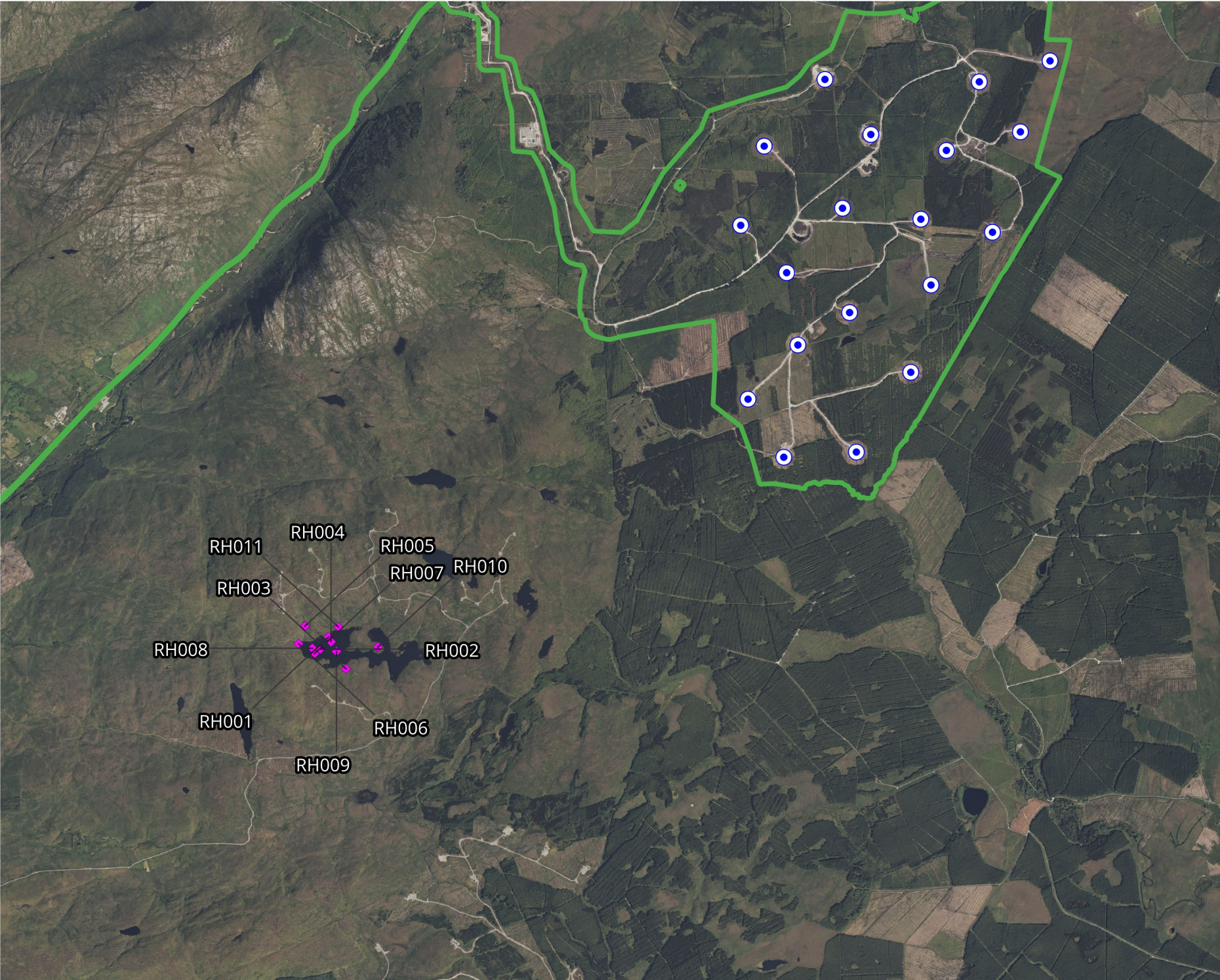
Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record

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Drawing Title	
Red-throated Diver Waterbird Distribution and Abundance Survey	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-50
Scale	Date
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title

Red-throated Diver
Breeding Red-throated Diver Survey

Project Title

Meenbog Wind Farm,
Co. Donegal

Drawn By

KB

Checked By

SD

Project No.

240505

Drawing No.

Fig. 7-5-51

Scale

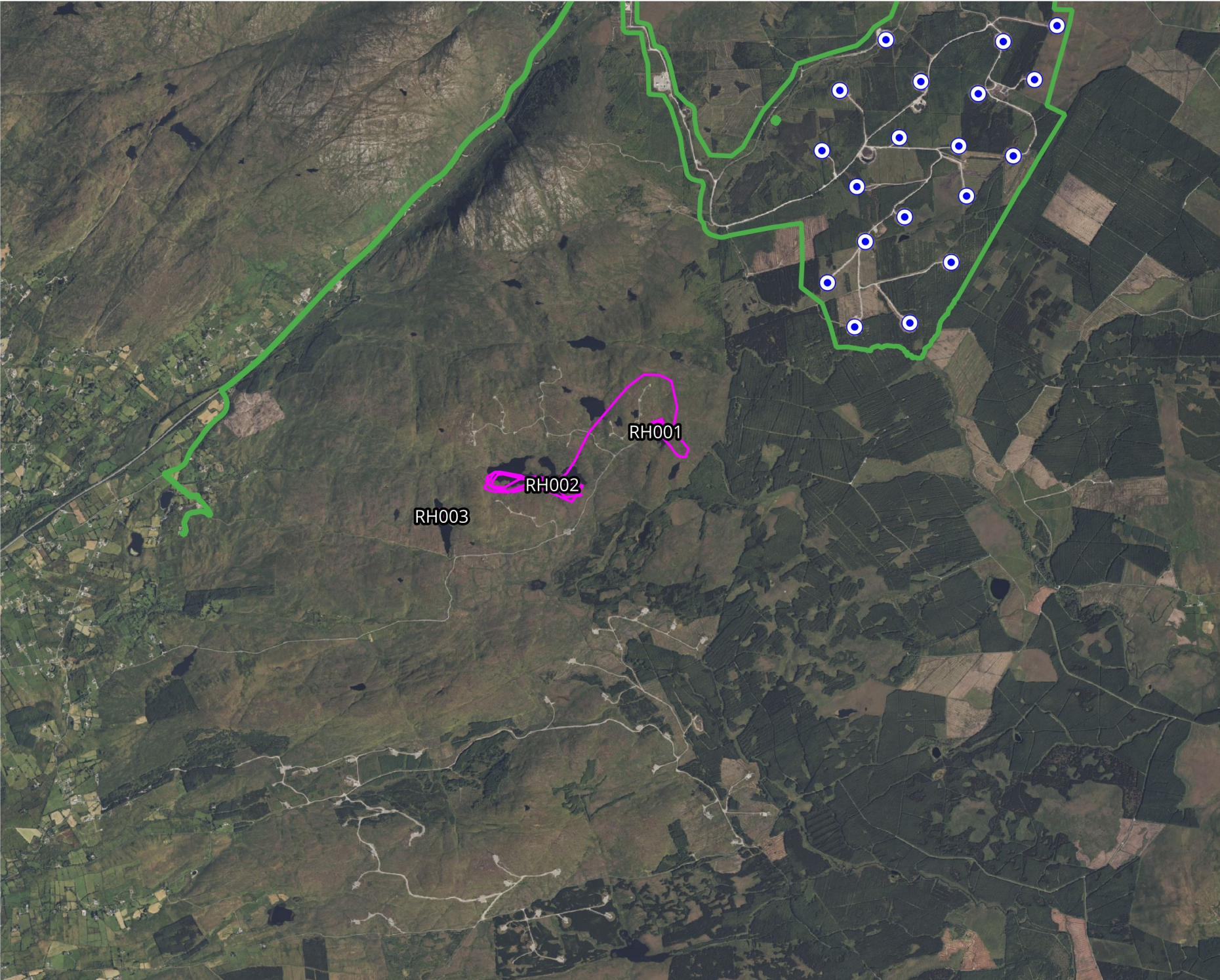
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Map Legend

- Site Boundary
- Proposed Turbine Locations
- Species Record



Drawing Title	
Red-throated Diver Incidental Records	
Project Title	
Meenbog Wind Farm, Co. Donegal	
Drawn By	Checked By
KB	SD
Project No.	Drawing No.
240505	Fig. 7-5-52
Scale	Date
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