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APPENDIX 7-5

CONFIDENTIAL SURVEY DATA



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1.

SURVEY DATA

1.1

Curlew

Table 7 - 5 - 1 Curlew vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
CU001	VP2	10/05/2022	17:40	Curlew	2	78	48	15	15	0	bogs and semi-natural grassland; flying, swooping up and down with each other	PJ

1.2

Kestrel

Table 7 - 5 - 2 Kestrel vantage point survey data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
K.039	VP2	28/07/2022	11:57	Kestrel	2	440	20	5	415	0	bogs and improved agricultural grassland; soaring, calling, one started and was joined by a second. birds females/juveniles. soared in circles calling.	CG
K.040	VP2	28/07/2022	12:09	Kestrel	2	-	-	-	-	-	bogs; perched, perched along telegraph wire, dropped out of sight. 2x juveniles	CG
K.081	VP2	28/08/2023	12:30	Kestrel	1	275	0	204	71	0	bogs, highly modified/non-native woodland and improved grassland; hunting, stooped at female k. that was perched on pile of gravel, the n flew off to settle in forestry	PDC
K.107	VP2	19/02/2024	17:01	Kestrel	2	31	0	31	0	0	bogs; mobbing, mobbing a buzzard	LDV
K.110	VP2a	08/05/2024	09:42	Kestrel	2	-	-	-	-	-	bogs and improved agricultural grassland; passing prey, passing prey on a fencepost, almost certainly the pair identified previously on site.	MH
K.125	VP2a	02/10/2024	17:45	Kestrel	1	147	147	0	0	0	scrub and improved agricultural grassland; hunting, perched, juvenile	JG
K.137	VP2a	15/11/2024	13:15	Kestrel	1	19	19	0	0	0	bogs and scrub; travelling, with prey, juvenile/ female carrying a frog	OC

Table 7 - 5 - 3 Kestrel breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.007	BR6	26/07/2022	11:53	Kestrel	1	hedgerows and cutover bog, hunting, landed, two different birds from the same tree (possible chicks calling)	fledged young; confirmed breeding	JS
K.008	BR6	26/07/2022	11:53	Kestrel	1	cutover bog, hovering , two different birds from the same tree (possible chicks calling)	fledged young; confirmed breeding	JS
K.015	BR6	11/04/2024	14:08	Kestrel	2	bogs and conifer plantation, travelling, appeared one after another heading for same group of trees	pair; probable breeding	MH
K.021	BR7	18/06/2025	13:13	Kestrel	4	disturbed ground and hedgerows, flushed, perched, male, female and two immature birds. all grouped together before flying opposite directions, scattering, immature birds sleek with no fluff. stayed together and flew towards rocky exposed mound	fledged young; confirmed breeding	NL
K.022	BR7	18/06/2025	13:17	Kestrel	2	disturbed ground, perched, flying, two immature birds making short flights, watching parents. perched together in fallen tree. likely fledged a few weeks as quite independent	fledged young; confirmed breeding	NL
K.023	BR7	18/06/2025	13:19	Kestrel	1	semi-natural grassland and hedgerows, flying, perched, male showing fledglings short flights. flew over farmyard before flying to tree, preened and flew off. didn't stay in the area too long	suitable nesting habitat; possible breeder	NL
K.024	BR7	18/06/2025	13:22	Kestrel	1	stone walls and other stonework and hedgerows, flying, female flushed from wall, flew around and back towards exposed rocky area. seemed like she wad staying close to the fledged young.	suitable nesting habitat; possible breeder	NL
K.025	BR7	18/06/2025	14:09	Kestrel	2	stone walls and other stonework, perched, one perched on stone wall, one perched on fallen tree. after 10 minutes one on tree flew to one on wall. patiently waiting on wall for half an hour before flushed by car	fledged young; confirmed breeding	NL

1.3

Snipe

Table 7 - 5 - 4 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
SN015	VP2	08/06/2022	12:40	Snipe	2	-	-	-	-	-	bogs; calling, drumming	PJ
SN039	VP2	19/02/2024	18:40	Snipe	1	-	-	-	-	-	bogs; drumming	LDV
SN040	VP2	23/03/2024	05:49	Snipe	1	120	120	0	0	0	lowland blanket bog; drumming, too dark to see it continuously	POG
SN042	VP2a	12/04/2024	21:07	Snipe	3	600	0	0	600	0	bogs and conifer plantation; drumming	MH

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1	Band 2	Band 3	Band 4	Habitat and activity	Surveyor
SN044	VP2a	08/05/2024	07:59	Snipe	2	240	0	0	240	0	bogs; drumming	MH
SN046	VP2a	20/06/2024	14:05	Snipe	1	657	17	40	600	0	bogs; circling, drumming	LDV
SN054	VP2a	28/04/2025	17:10	Snipe	1	-	-	-	-	-	cutover bog; singing	CG
SN056	VP2a	28/04/2025	21:40	Snipe	2	-	-	-	-	-	cutover bog; drumming, singing	CG
SN057	VP2a	19/05/2025	06:13	Snipe	1	-	-	-	-	-	bogs; singing, heard not seen. one of three snipe singing at same time.	PDC
SN058	VP2a	19/05/2025	06:15	Snipe	1	-	-	-	-	-	bogs; singing, second snipe singing.	PDC
SN059	VP2a	19/05/2025	06:15	Snipe	1	-	-	-	-	-	bogs; singing, third singing snipe, much fainter than the other two.	PDC
SN060	VP2a	19/05/2025	08:21	Snipe	2	27	27	0	0	0	bogs; drumming, travelling, one followed the other off the bog, lost close to the sun.	PDC
SN061	VP2a	19/05/2025	09:04	Snipe	2	31	0	31	0	0	bogs; drumming, travelling	PDC
SN062	VP2a	19/05/2025	09:27	Snipe	1	-	-	-	-	-	bogs; singing, presumably same bird that was singing earlier in the same area.	PDC
SN063	VP2a	17/06/2025	10:43	Snipe	1	-	-	-	-	-	cutover bog; drumming	CG
SN064	VP2a	17/06/2025	11:06	Snipe	1	250	50	50	150	0	cutover bog; drumming	CG
SN065	VP2a	17/06/2025	11:21	Snipe	2	500	150	200	150	0	cutover bog; drumming	CG
SN066	VP2a	17/06/2025	15:30	Snipe	1	650	150	300	200	0	cutover bog; drumming	CG

Table 7 - 5 - 5 Snipe breeding walkover survey data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN002	14/04/2023	09:05	Snipe	2	bogs; drumming (singing male; possible breeder)	CG
SN006	21/06/2023	10:33	Snipe	2	bogs; drumming (singing male; possible breeder)	LDV
SN012	01/05/2025	17:57	Snipe	1	cutover bog and improved agricultural grassland; drumming (courtship and display; probable breeding)	CG
SN015	18/06/2025	07:36	Snipe	2	cutover bog; drumming (courtship and display; probable breeding)	CG

Table 7 - 5 - 6 Snipe incidental survey data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN046	Hen Harrier Roost Survey; HHVP1	13/03/2023	19:17	Snipe	1	bogs; drumming	CG

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN049	Breeding Woodcock Survey; Knockaunakill loop	05/05/2023	22:13	Snipe	1	bogs and highly modified/non-native woodland; drumming, heard not seen	LDV
SN050	Breeding Woodcock Survey; Harefield	08/06/2023	22:56	Snipe	1	bogs; drumming	LDV
SN062	Breeding Woodcock Survey; WKT1	02/05/2024	21:44	Snipe	1	bogs; drumming	MH
SN063	Breeding Raptor Survey; BR1	29/05/2024	20:04	Snipe	1	bogs; drumming	MH
SN064	Breeding Raptor Survey; BR1	29/05/2024	20:23	Snipe	1	bogs; drumming	MH

1.4

Buzzard

Table 7 - 5 - 7 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
BZ011	VP2	06/04/2023	11:31	Buzzard	2	78	0	0	60	18	improved agricultural grassland, bogs and conifer plantation; displaying, flying	CG
BZ013	VP2	16/05/2023	19:44	Buzzard	4	48	0	10	38	0	improved agricultural grassland and conifer plantation; displaying, fighting	CG

Table 7 - 5 - 8 Buzzard breeding raptor survey data

Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ011	BR1	26/07/2022	09:00	Buzzard	2	mixed broadleaved/conifer woodland, calling, juveniles calling throughout survey	fledged young; confirmed breeding	KG
BZ012	BR1	26/07/2022	09:32	Buzzard	1	mixed broadleaved/conifer woodland and cutover bog, flying, flew out at same time as previous buzzard	occupied nest; confirmed breeding	KG
BZ013	BR1	26/07/2022	09:32	Buzzard	2	mixed broadleaved/conifer woodland, cutover bog and improved agricultural grassland, flying, calling, two juveniles flew in a loop together close to ground, calling constantly, same as first buzzard	fledged young; confirmed breeding	KG
BZ014	BR1	26/07/2022	11:03	Buzzard	2	cutover bog and mixed broadleaved/conifer woodland, perched, flying, calling, juveniles flew close to train tracks and perched for several minutes before flying away, calling constantly	fledged young; confirmed breeding	KG
BZ015	BR2	26/07/2022	12:42	Buzzard	1	improved agricultural grassland, travelling, probably adult bird from br1.	occupied nest; confirmed breeding	KG
BZ016	BR2	26/07/2022	13:01	Buzzard	1	mixed broadleaved/conifer woodland and improved agricultural grassland, travelling, calling, probably adult bird from br1, and same as bz015. sound of juveniles from br1 calling followed shortly afterwards	occupied nest; confirmed breeding	KG

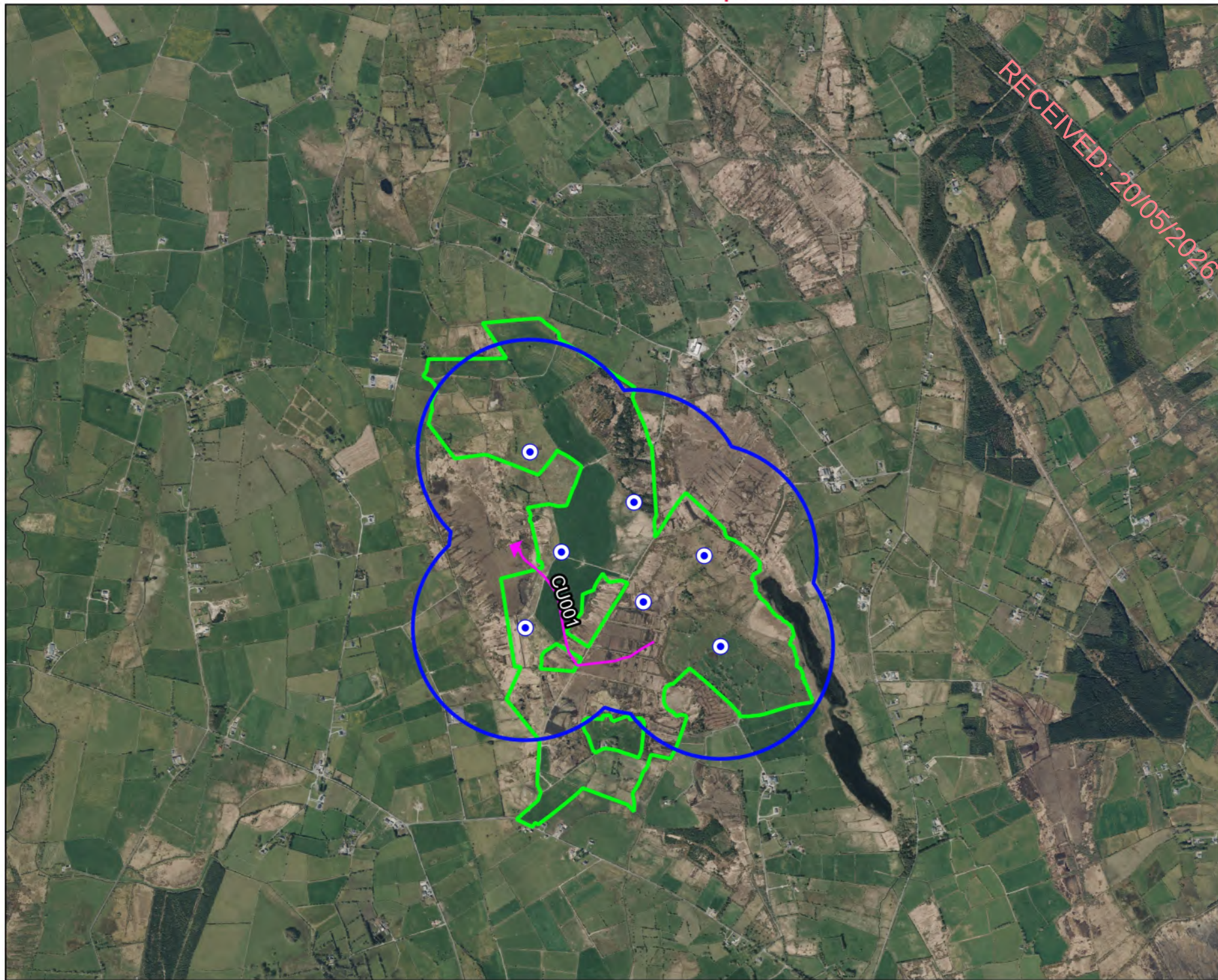
Ref.	BR	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
BZ029	BR1	27/06/2023	08:24	Buzzard	1	bogs, improved grassland and linear woodland/scrub, carrying prey	adult carrying food/faecal sac; confirmed breeding	LDV
BZ030	BR1	27/06/2023	10:00	Buzzard	1	improved grassland, carrying prey	adult carrying food/faecal sac; confirmed breeding	LDV
BZ036	BR1	16/07/2024	10:05	Buzzard	3	improved agricultural grassland, calling, soaring, adults with juvenile near nest	fledged young; confirmed breeding	MH
BZ037	BR1	16/07/2024	11:40	Buzzard	3	improved agricultural grassland, soaring, calling	fledged young; confirmed breeding	MH
BZ038	BR1	16/07/2024	12:17	Buzzard	1	improved agricultural grassland, calling	fledged young; confirmed breeding	MH

1.5

Sparrowhawk

Table 7 - 5 - 9 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
SH008	VP2	28/07/2022	08:08	Sparrowhawk	1	65	15	15	25	0	bogs and improved agricultural grassland; carrying prey, male carrying meadow pipit	CG
SH018	VP2	16/05/2023	15:56	Sparrowhawk	1	35	35	0	0	0	bogs and improved agricultural grassland; carrying prey, male, carrying a small prey item	CG

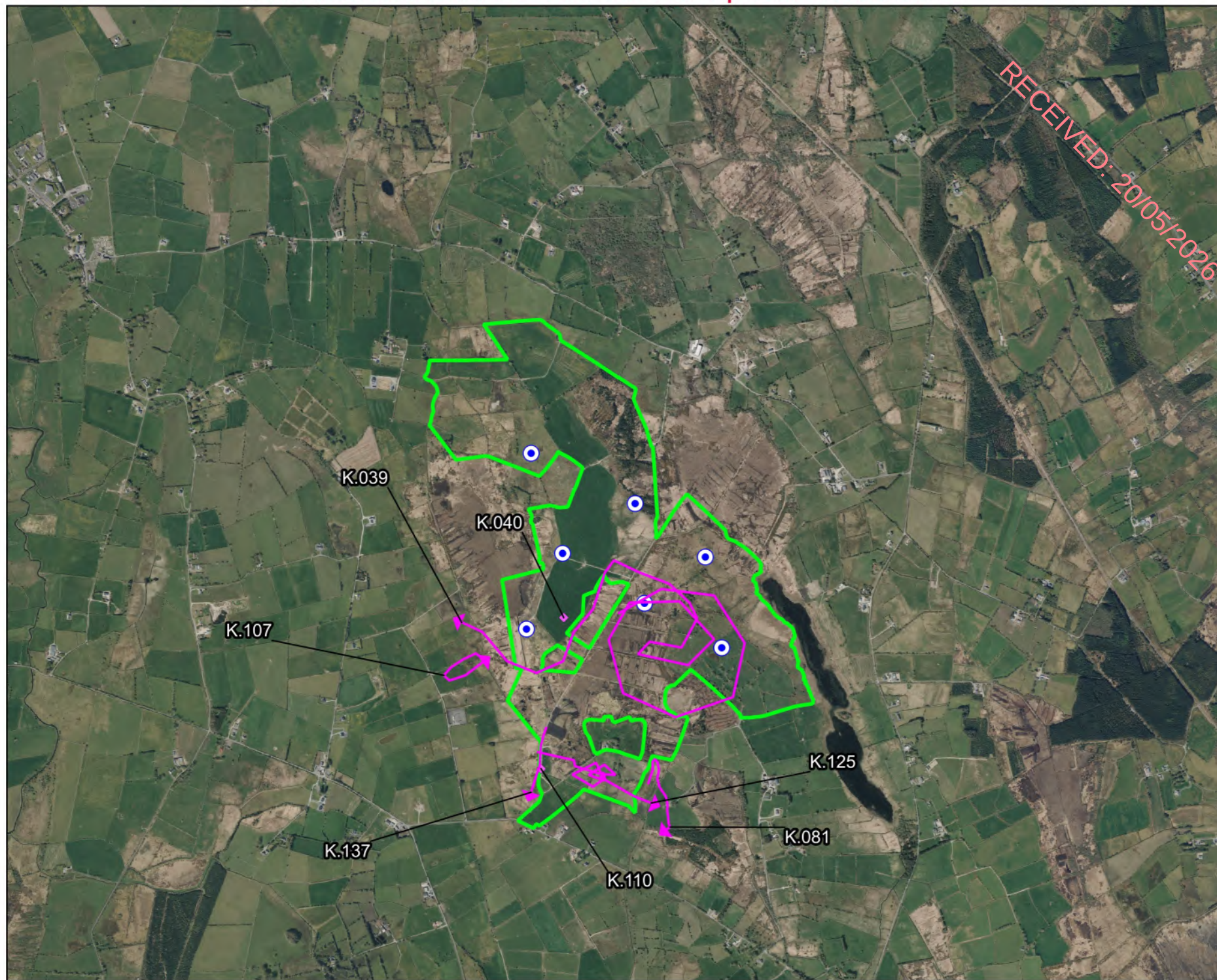


Map Legend

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-  Proposed Turbines
-  500m Buffer of Proposed Turbines
-  Flight Observation



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Cunlaghfadda Green Energy Project	
Drawn By	Checked By
NL	PM
Project No.	Drawing No.
220825	Fig. 7 - 5 - 1
Scale	Date
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Map Legend

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



Drawing Title

Vantage Point Survey
Kestrel Observations

Project Title

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Fig. 7 - 5 - 2

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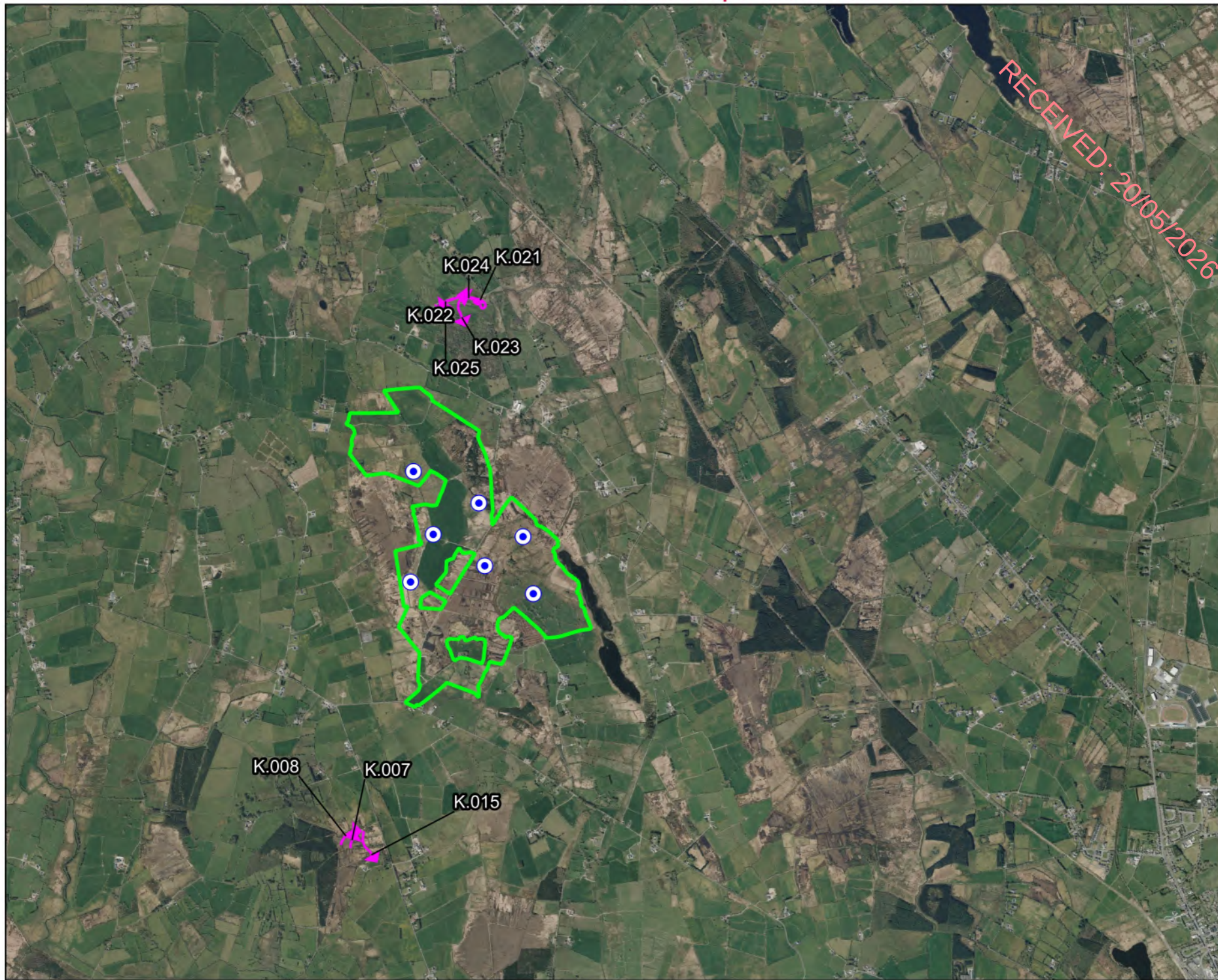
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Map Legend

-  EIAR Site Boundary
-  Proposed Turbines
-  Flight Observation



Drawing Title

Breeding Raptor Survey
Kestrel Observations

Project Title

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Fig. 7 - 5 - 3

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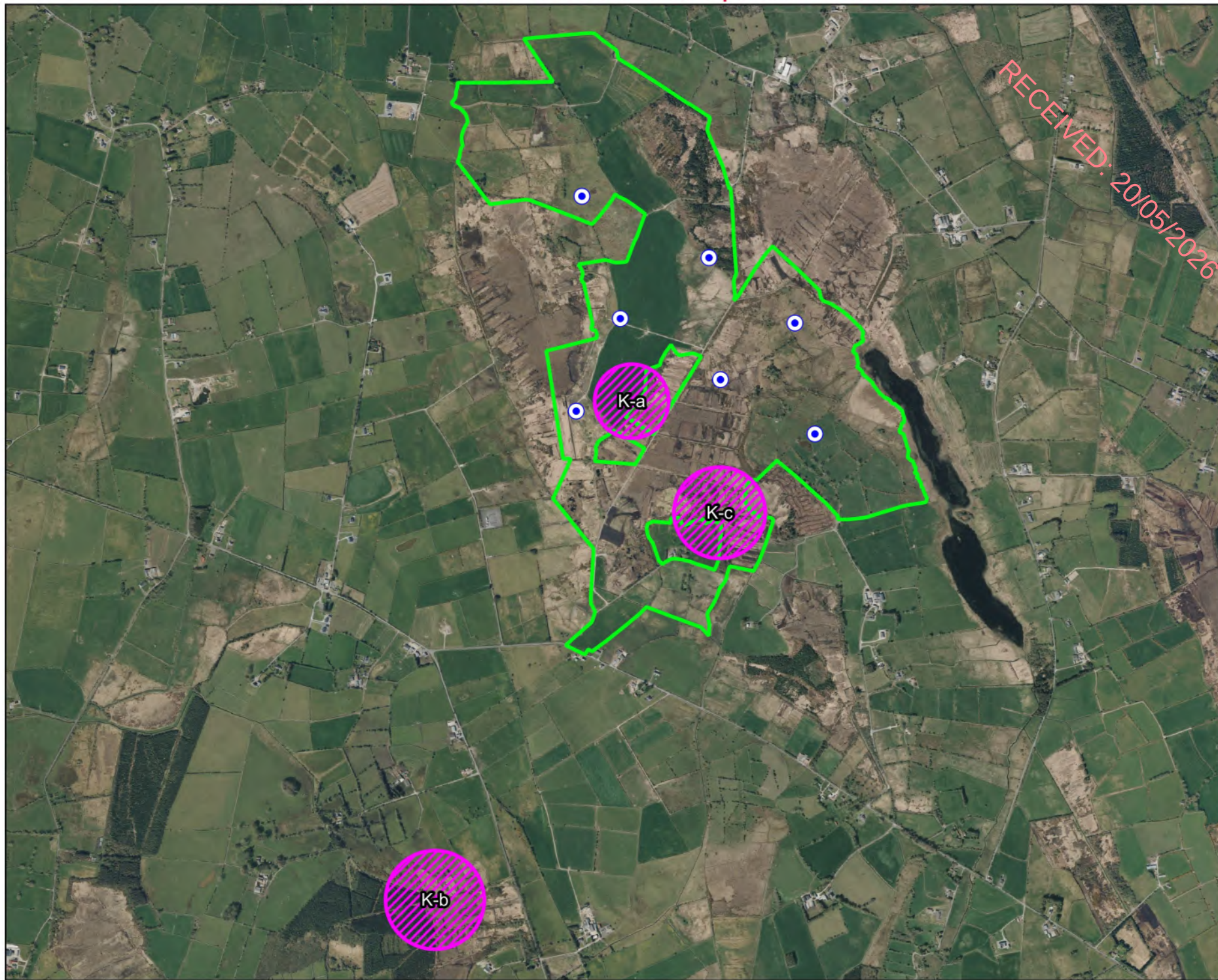
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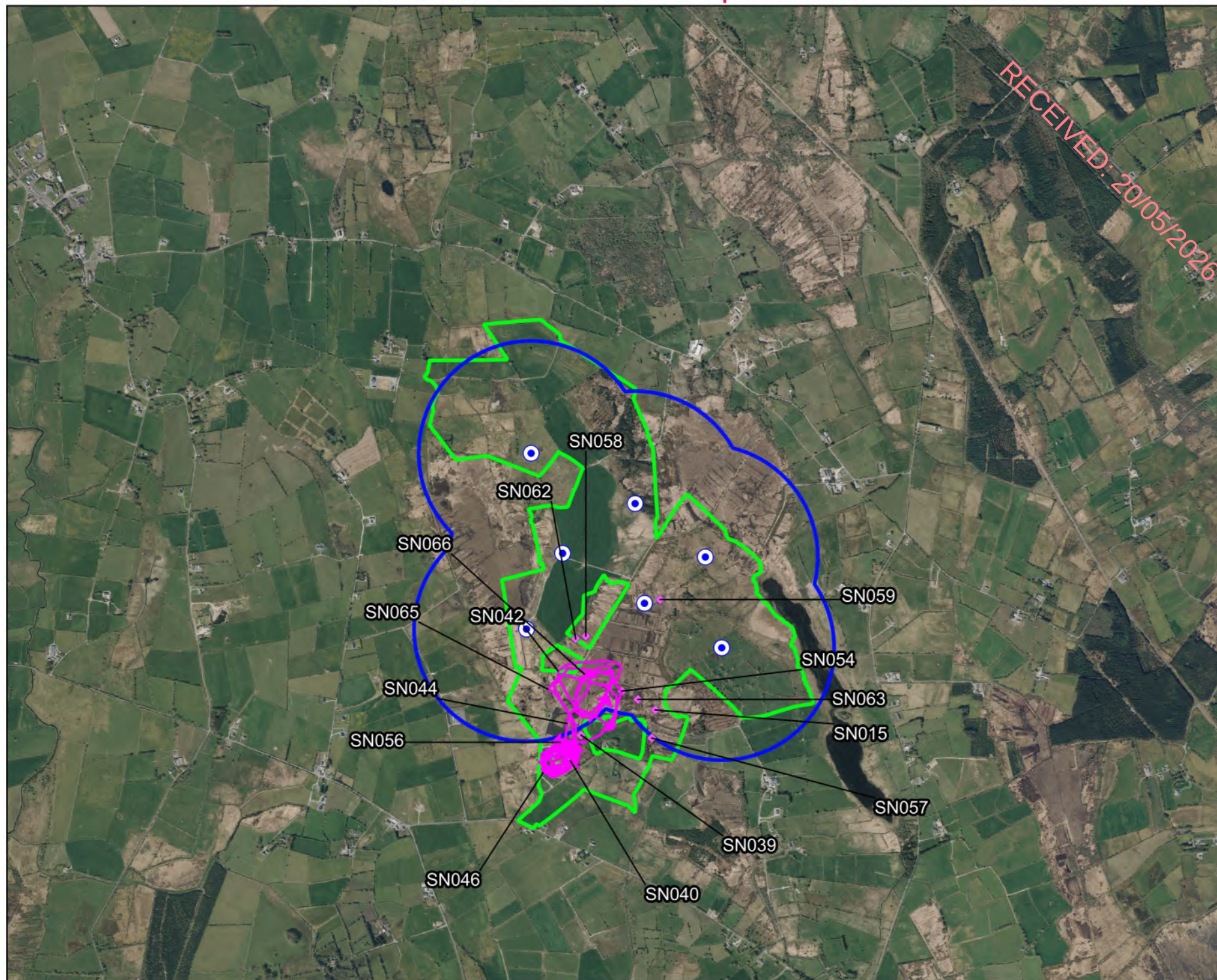
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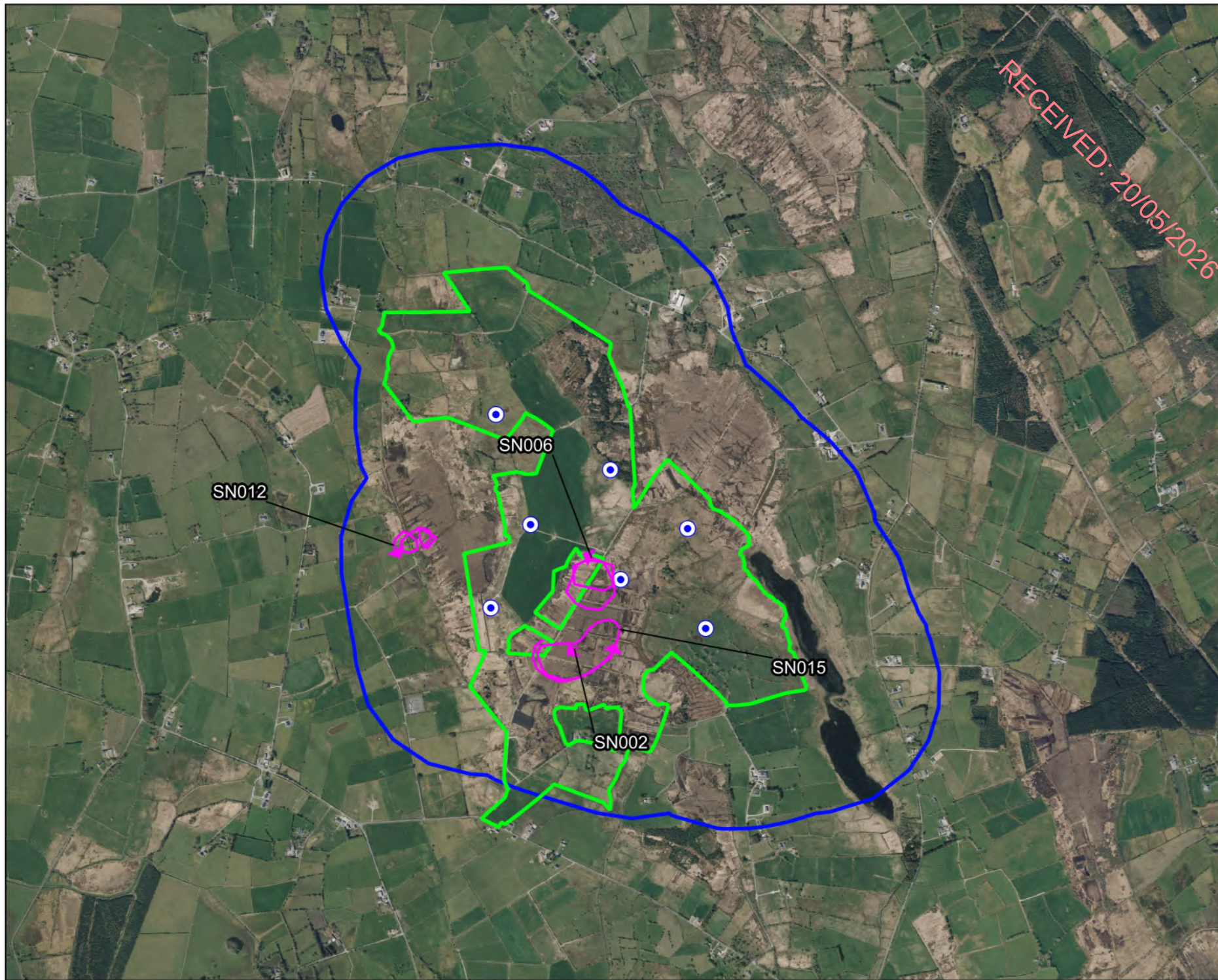
- EIAR Site Boundary
- Proposed Turbines
- Breeding Territories**
 - Confirmed Breeding Territory

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Kestrel Breeding Territories	
Project Title	
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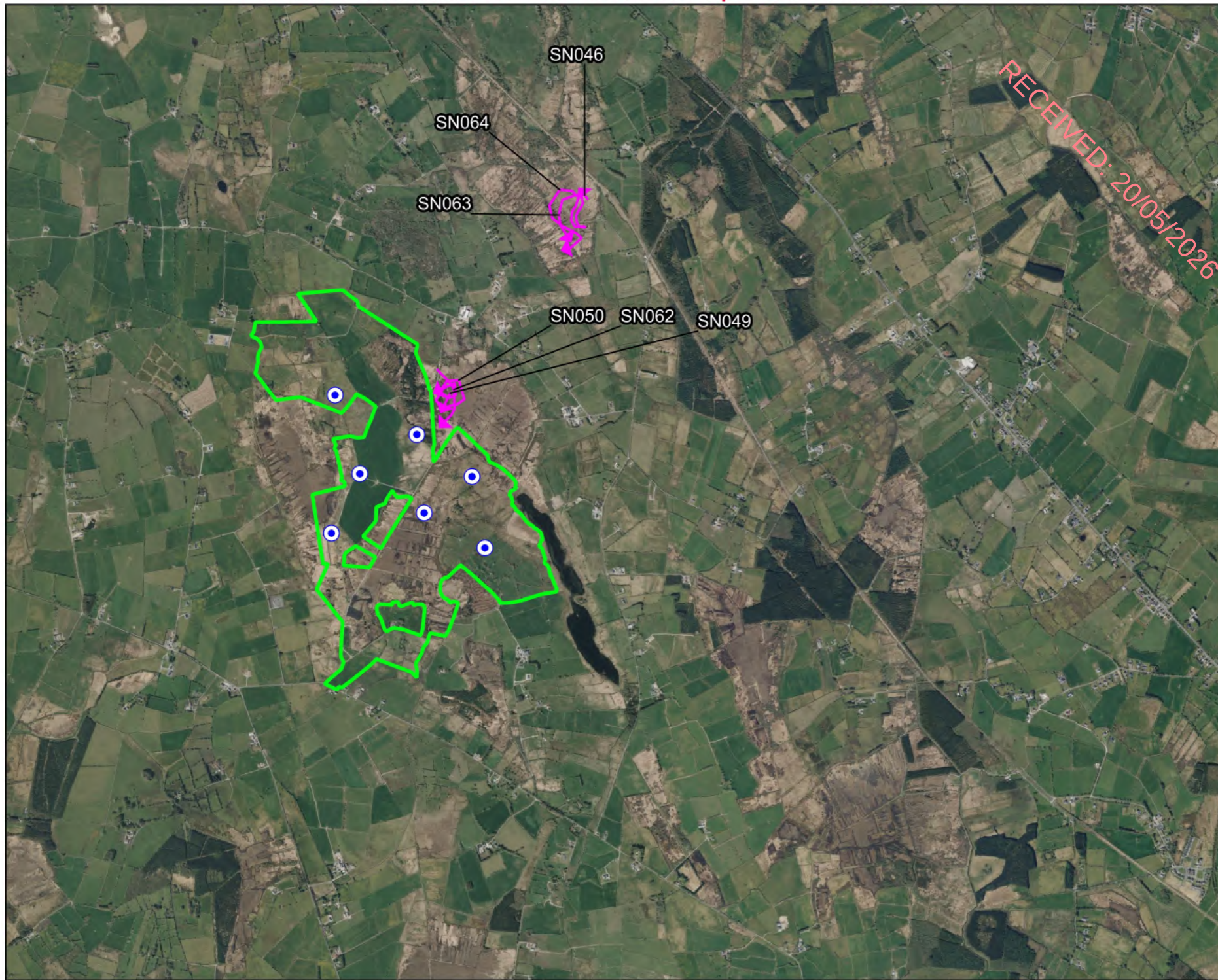


Map Legend

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



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- EIAR Site Boundary
- Proposed Turbines
- Flight Observation



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Incidental Records
Snipe Observations

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Fig. 7 - 5 - 7

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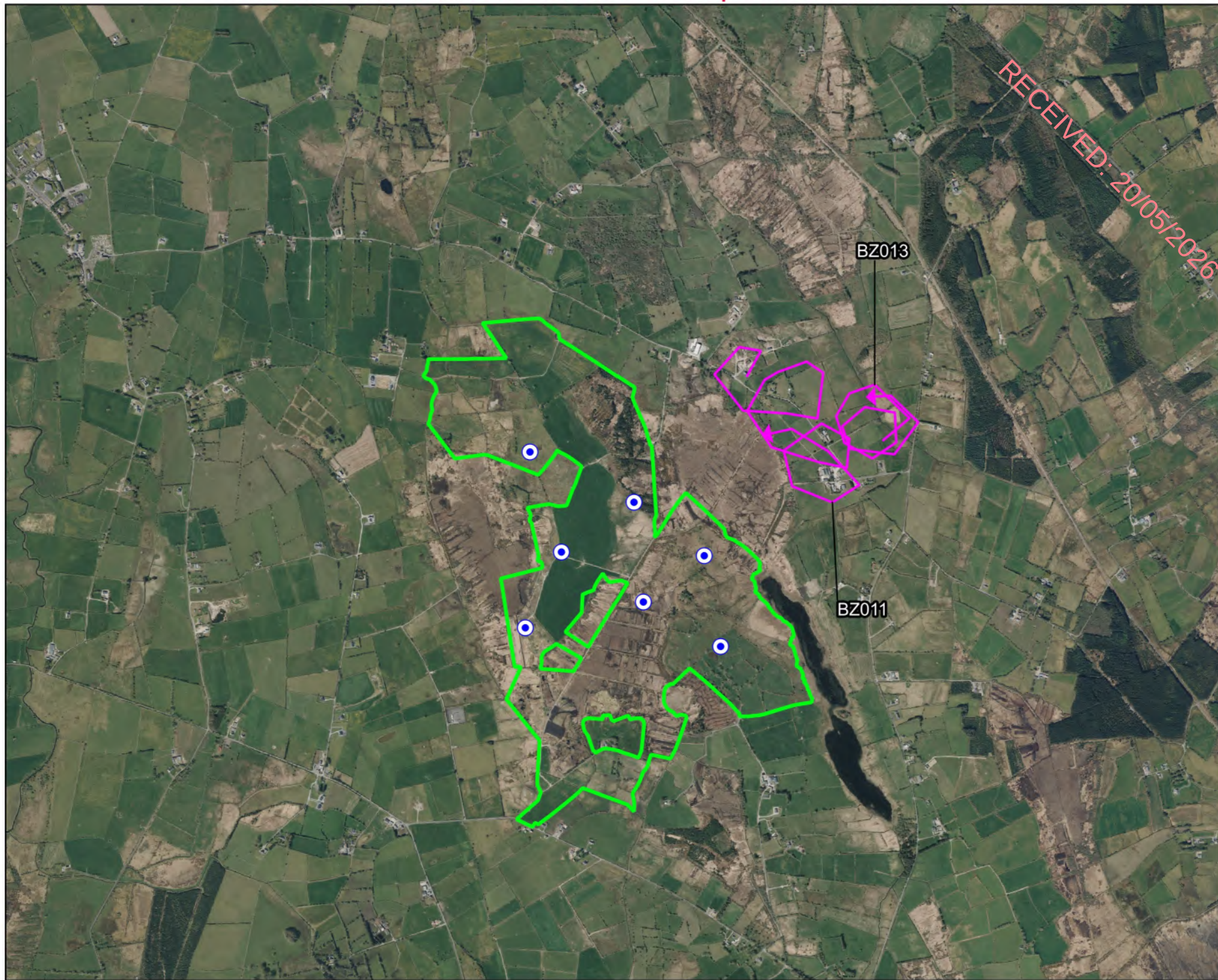
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Map Legend

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



Drawing Title

Vantage Point Survey
Buzzard Observations

Project Title

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Green Energy Project

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Fig. 7 - 5 - 8

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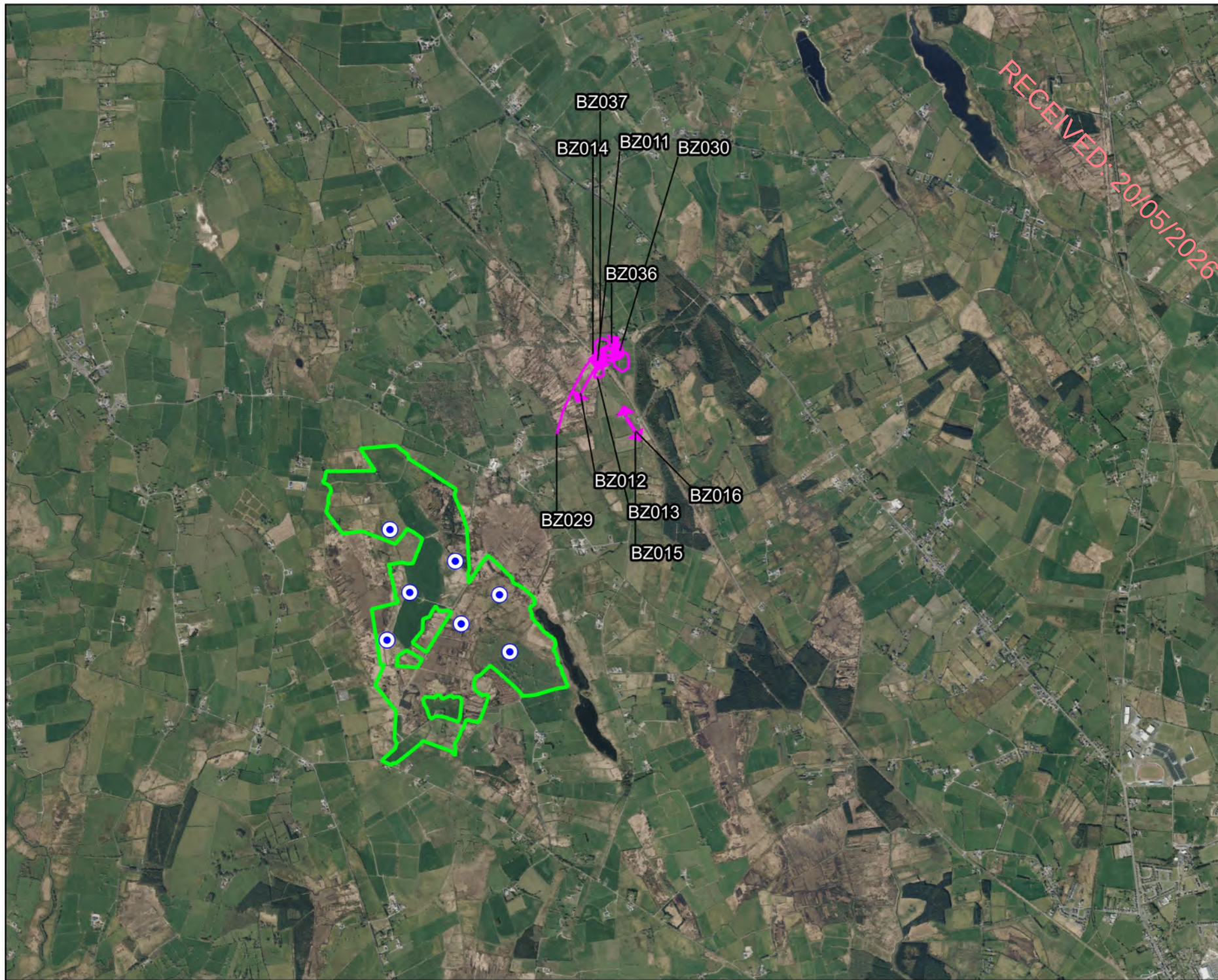
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Map Legend

-  Eiar Site Boundary
-  Proposed Turbines
-  Flight Observation



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Breeding Raptor Survey
Buzzard Observations

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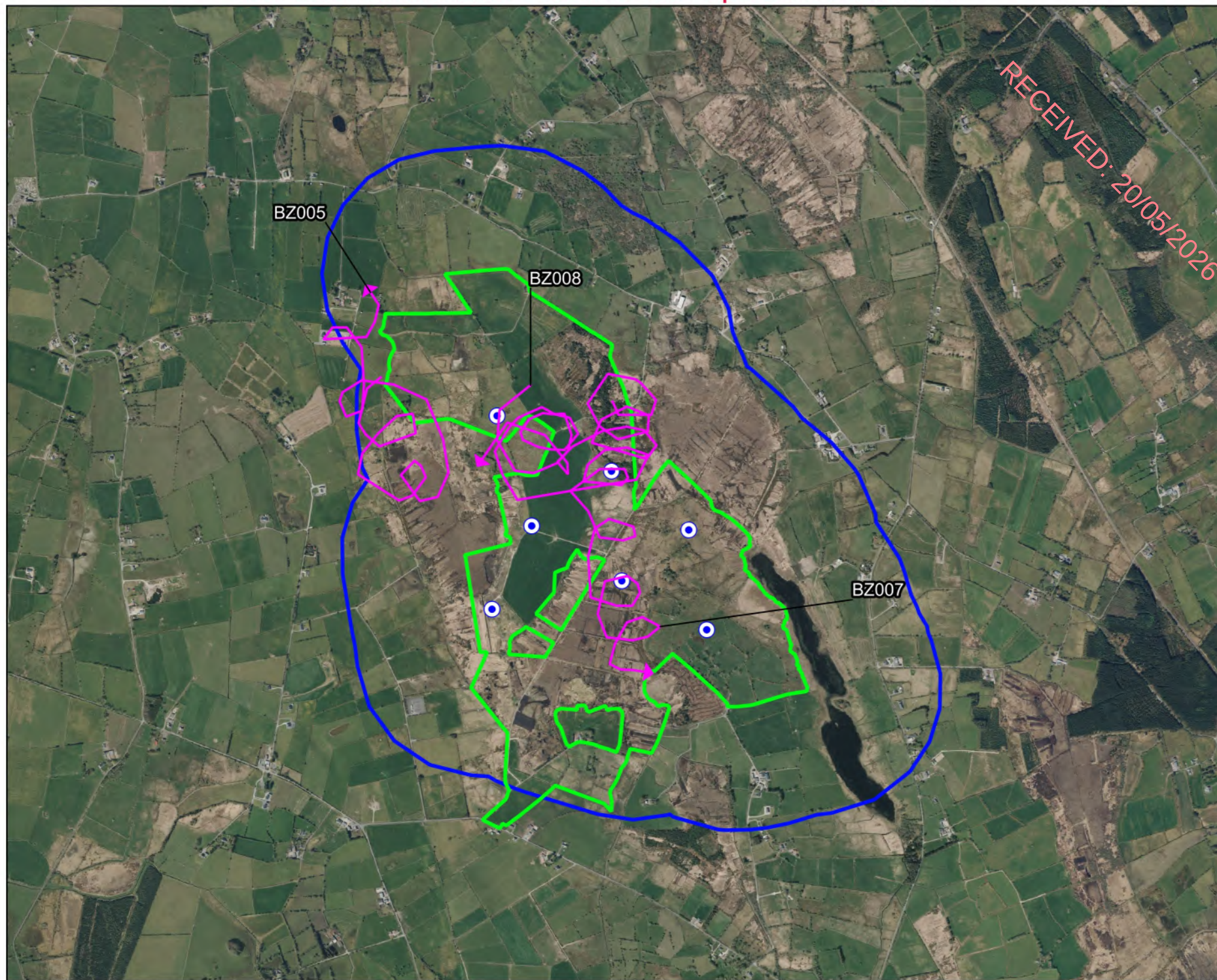
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Map Legend

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



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Breeding Walkover Survey
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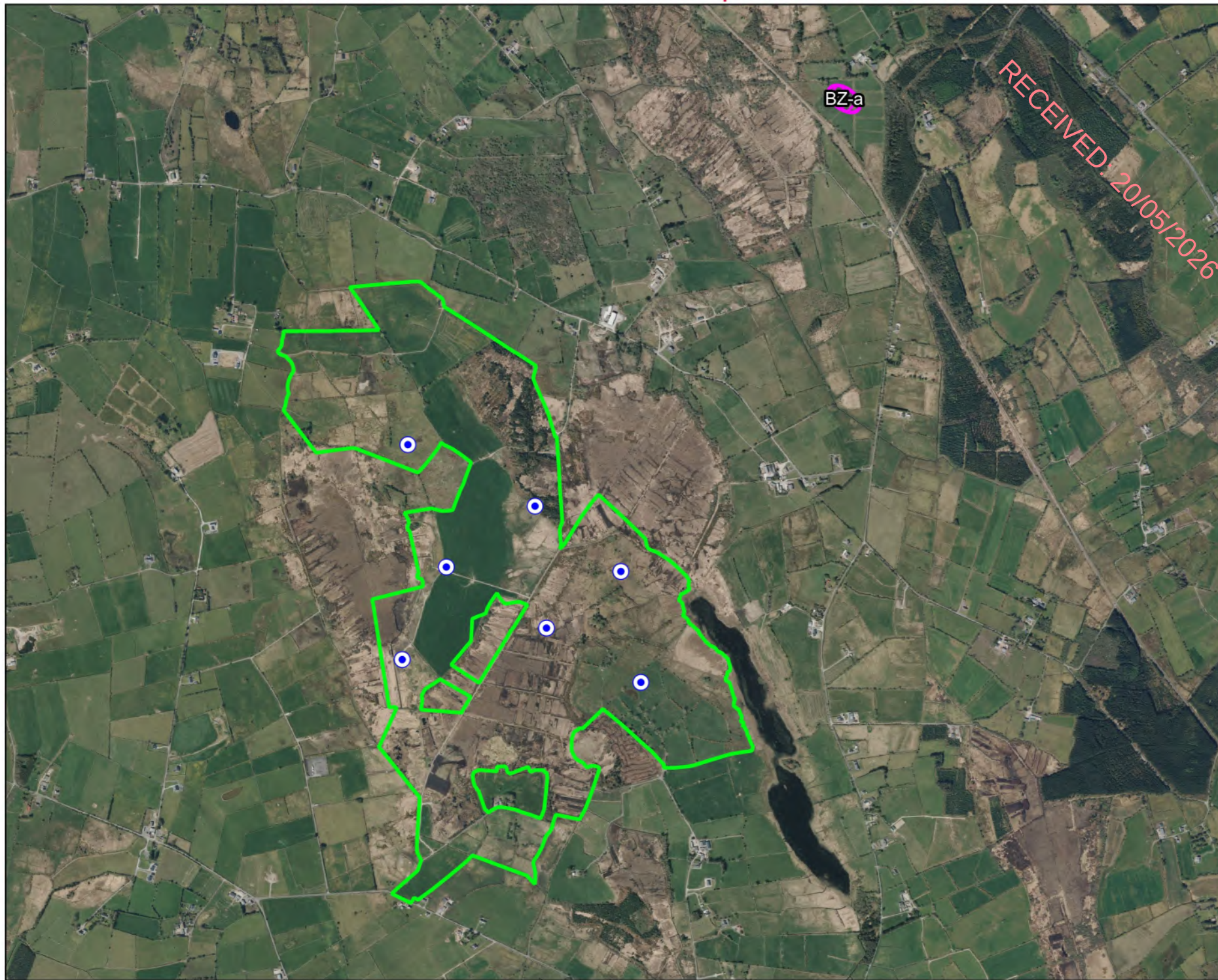
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Map Legend

EIA Site Boundary

Proposed Turbines

Breeding Territories

Confirmed Breeding Territory



Drawing Title

Buzzard Breeding Territories

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Fig. 7 - 5 - 10

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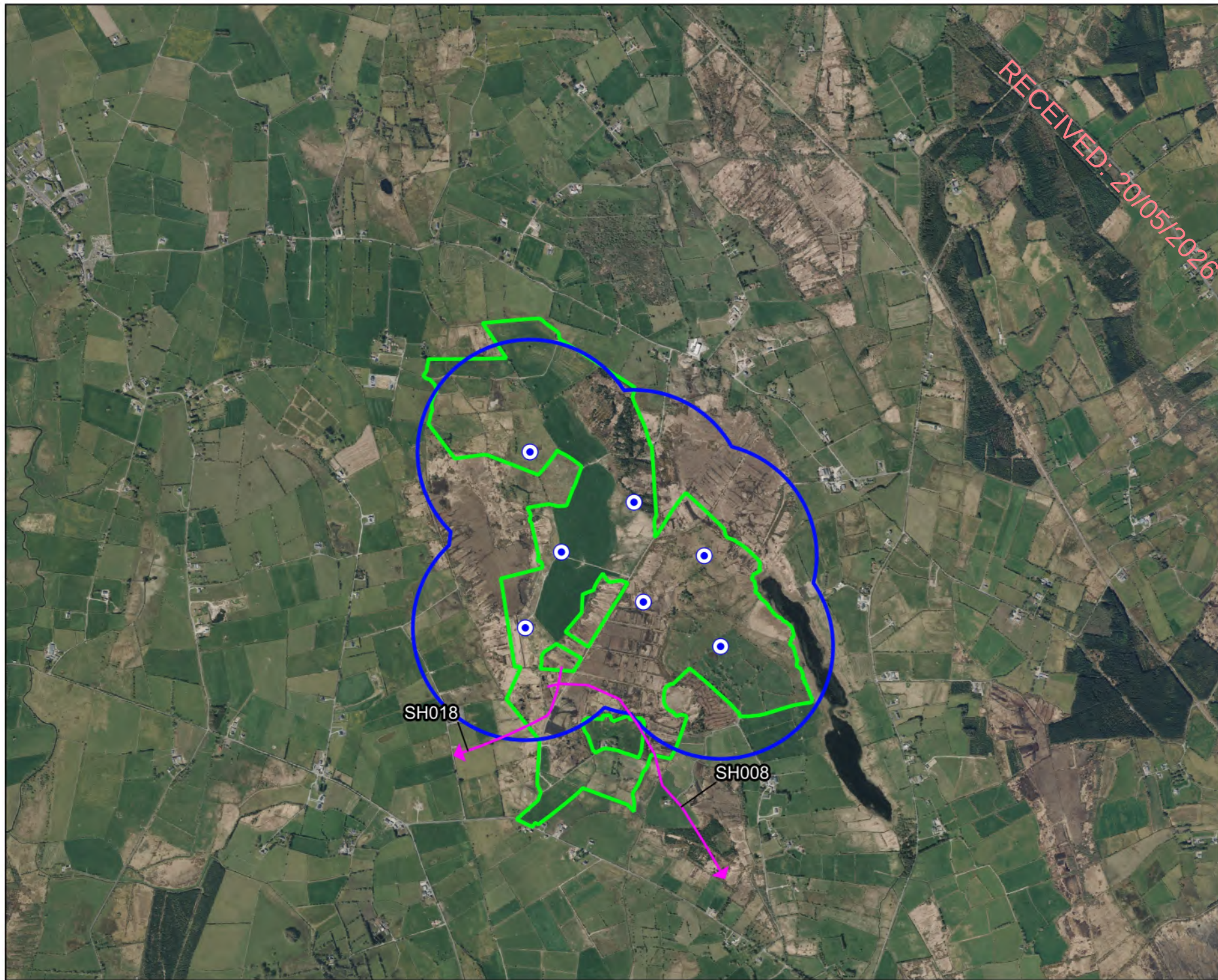
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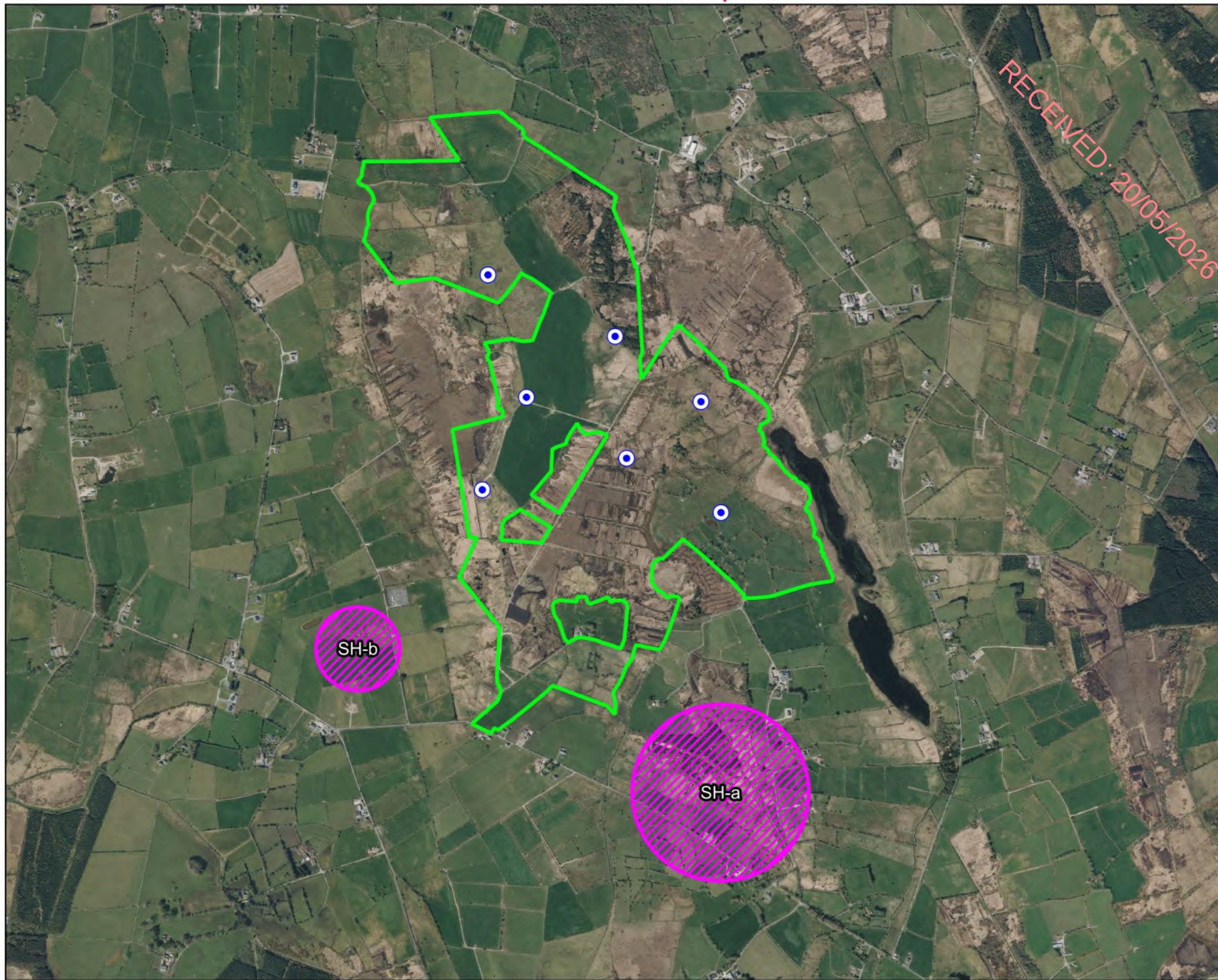
Map Legend

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

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Drawing Title	
Vantage Point Survey Sparrowhawk Observations	
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- Confirmed Breeding Territory

SH-b

SH-a

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Sparrowhawk Breeding Territories

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