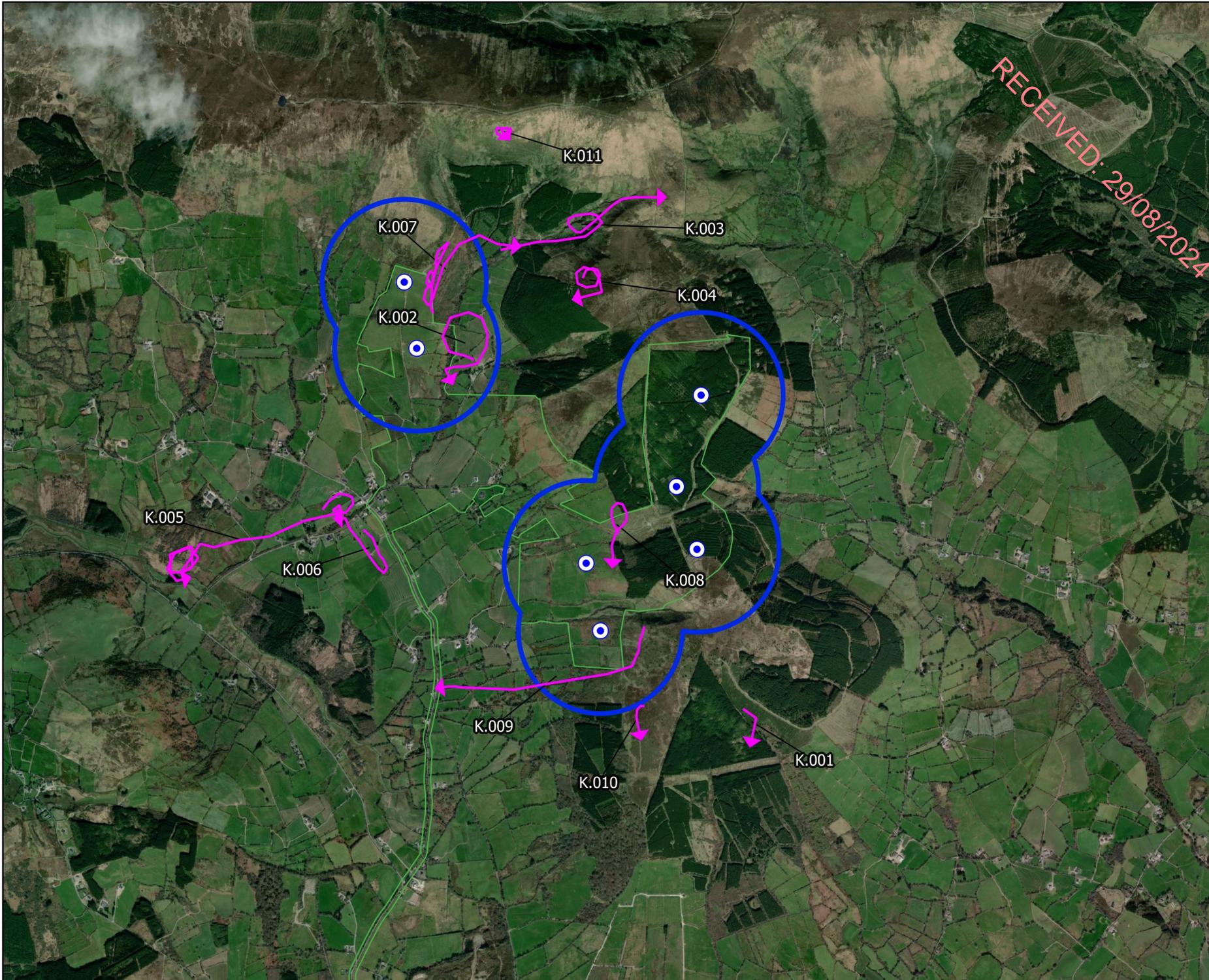


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# APPENDIX 7-4c

**SURVEY DATA**



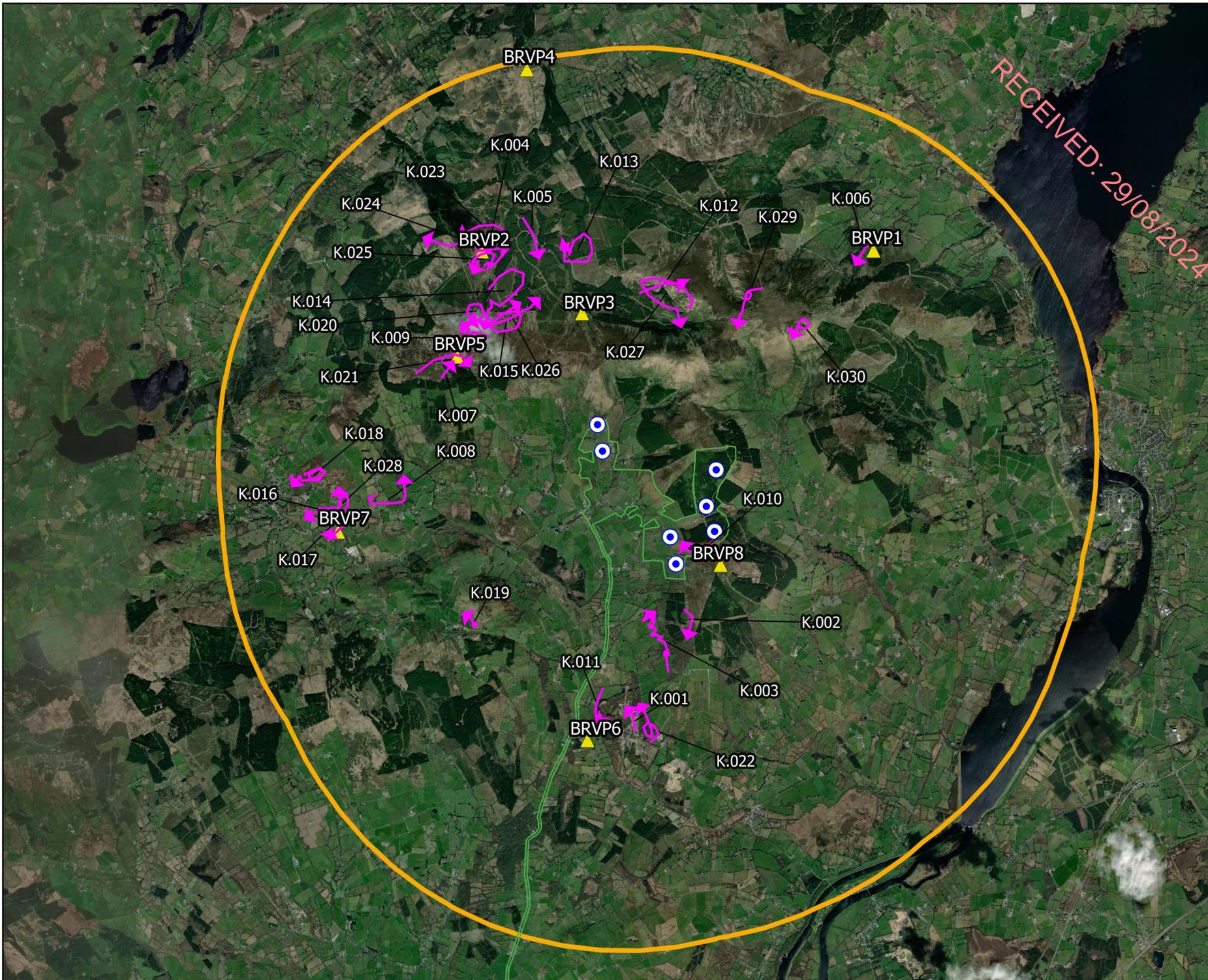
### Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- ➔ Flightline



Drawing Title	
Kestrel Observations Breeding Walkover Surveys	
Project Title	
Lackareagh Wind Farm, Co. Clare	
Drawn By	Checked By
SA	KS
Project No.	Drawing No.
220245	Fig. 7-4-13
Scale	Date
1:30,000	14/05/2024
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**Map Legend**

- EIAR Site Boundary
- 5km Survey Radius
- ▲ Breeding Raptor VP Locations
- Turbine Locations
- ↪ Flightline



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220245	Fig. 7-4-14
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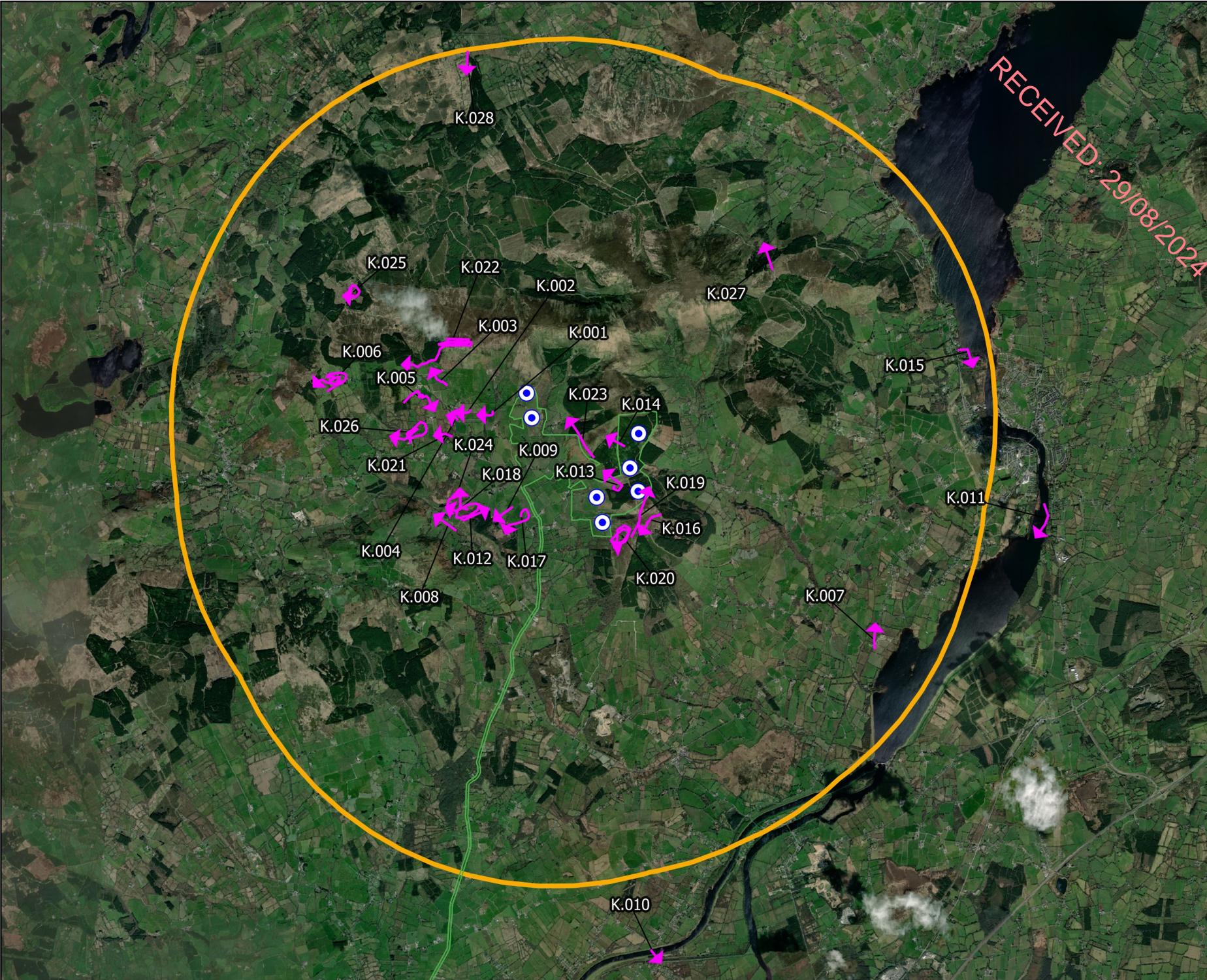


- ### Map Legend
- EIA Site Boundary
  - 500m Radius of Turbines
  - Turbine Locations
  - Flightline



Drawing Title	
Kestrel Observations Winter Walkover Surveys	
Project Title	
Lackareagh Wind Farm, Co. Clare	
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Project No.	Drawing No.
220245	Fig. 7-4-15
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- ### Map Legend
- EIA Site Boundary
  - 5km Survey Radius
  - Turbine Locations
  - ➔ Flightline



Drawing Title	
<b>Kestrel Incidental Observations</b>	
Project Title	
<b>Lackareagh Wind Farm, Co. Clare</b>	
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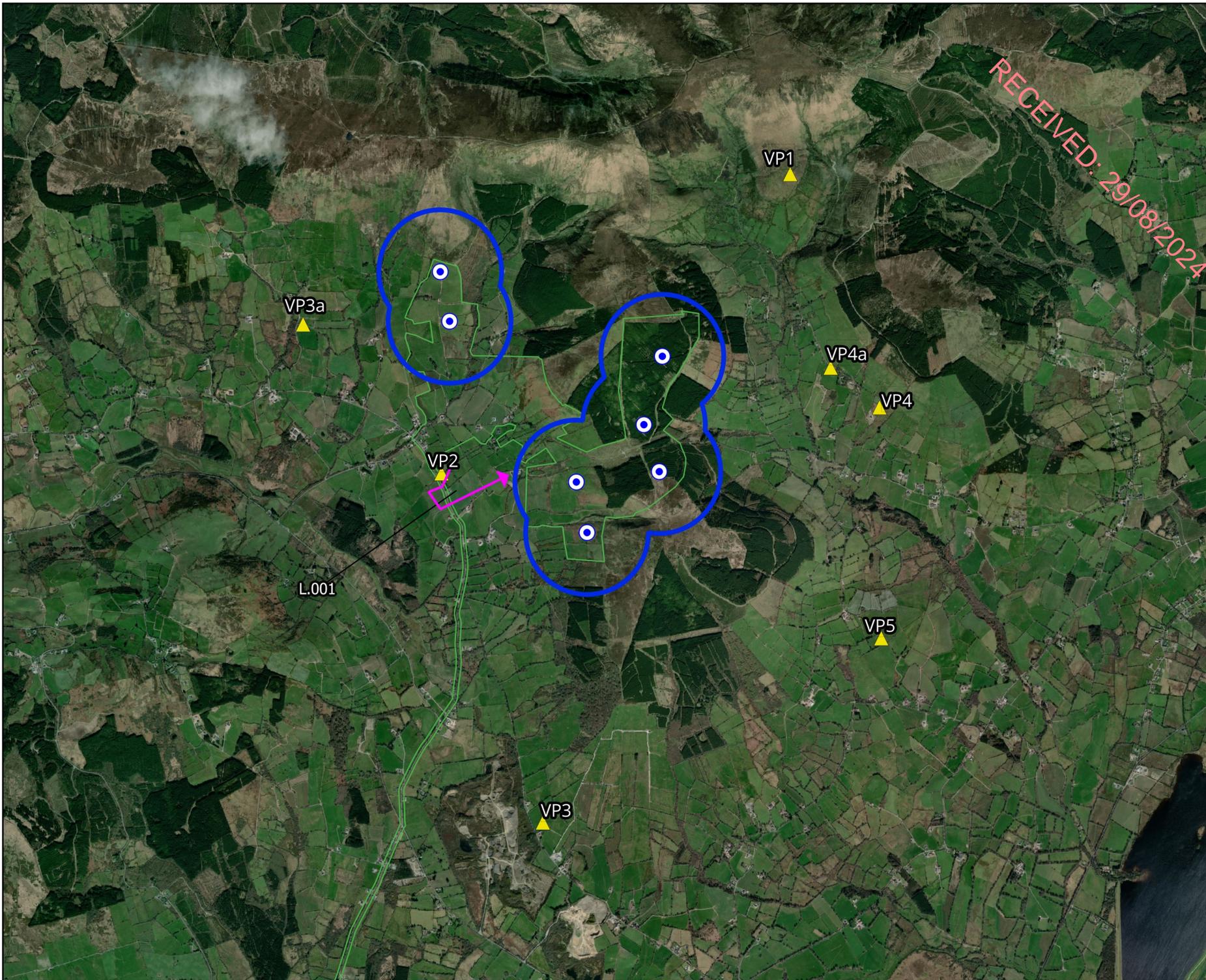
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5.

## LAPWING

Table 7-4- 17 Lapwing Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-25m)	PCH (25-200m)	Band 4 (>200m)	Habitat and activity	Surveyor
L.001	VP2	12/01/2021	11:51	Lapwing	26	125	0	30	95	0	improved agricultural grassland; flying, feeding, probably landed on farmland, out of view	TR



Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- ▲ VP Locations
- Turbine Locations
- ➔ Flightline

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Drawing Title	
Lapwing Observations Vantage Point Surveys	
Project Title	
Lackareagh Wind Farm, Co. Clare	
Drawn By	Checked By
SA	KS
Project No.	Drawing No.
220245	Fig. 7-4-17
Scale	Date
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## RED GROUSE

Table 7-4- 18 Red Grouse Breeding Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RG001	16/04/2021	11:50	Red Grouse	1	conifer plantation and bogs; calling, short flight, clearfell and bog, lost to sight in scrub/debris (suitable nesting habitat; possible breeder)	CMC
RG002	04/04/2022	14:12	Red Grouse	1	upland blanket bog; flushed (suitable nesting habitat; possible breeder)	JG
RG004	27/05/2022	13:08	Red Grouse	1	upland blanket bog; flushed (suitable nesting habitat; possible breeder)	JG

Table 7-4- 19 Breeding Red Grouse Survey Data

Ref.	Transect	Date	Time	Species	Number	Habitat and activity	Surveyor
RG002	T2	08/02/2021	10:58	Red Grouse	1	bogs and conifer plantation, flying, not calling	JC
RG003	T2	08/02/2021	11:07	Red Grouse	1	bogs, flying, not calling	JC
RG009	T1	28/02/2022	11:12	Red Grouse	1	bogs, flushed, flying, flushed by surveyor. flew low, no calling	TR

Table 7-4- 20 Red Grouse Winter Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
RG001	05/03/2021	15:02	Red Grouse	1	upland blanket bog; flushed (wintering)	TK
RG002	26/11/2021	12:58	Red Grouse	2	upland blanket bog; flushed (wintering)	JG
RG003	23/03/2022	15:20	Red Grouse	2	montane heath and upland blanket bog; alarmed flight, a pair of red grouse were flushed out of heather as I walked close by. the male called as they flew away and landed nearby. (wintering)	SOB



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Table 7-4- 21 Red Grouse Incidental Observation Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
RG001	Winter Walkover Survey; Lakereagh mountain	10/02/2021	12:48	Red Grouse	1	upland blanket bog;, droppings	JK
RG002	Breeding Woodcock Survey; WKT3	10/06/2021	22:03	Red Grouse	1	bogs; flushed	JG
RG003	Breeding Woodcock Survey; WK3	23/06/2021	14:36	Red Grouse	1		AC
RG004	Breeding Raptor Survey; Moylussa mountain	22/07/2022	14:11	Red Grouse	1	upland blanket bog; flushed	JG



- ### Map Legend
- EIA Site Boundary
  - 500m Radius of Turbines
  - Turbine Locations
  - Flightline

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Project Title <b>Lackareagh Wind Farm, Co. Clare</b>	
Drawn By <b>SA</b>	Checked By <b>KS</b>
Project No. <b>220245</b>	Drawing No. <b>Fig. 7-4-18</b>
Scale <b>1:30,000</b>	Date <b>14/05/2024</b>
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- EIA Site Boundary
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Project Title <b>Lackareagh Wind Farm, Co. Clare</b>	
Drawn By <b>SA</b>	Checked By <b>KS</b>
Project No. <b>220245</b>	Drawing No. <b>Fig. 7-4-19</b>
Scale <b>1:30,000</b>	Date <b>14/05/2024</b>
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