

Environmental Impact Assessment Report

Beinneun 2 Wind Farm

Volume 3

Technical Appendix A7.2: Ornithology Figures

Document prepared by Envams Ltd and RPS Tetra Tech for Beinneun 2 Ltd

July 2025












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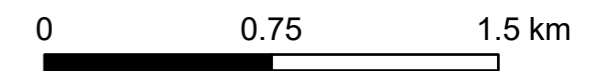
Figure 7.1 Site Location and Infrastructure

LEGEND

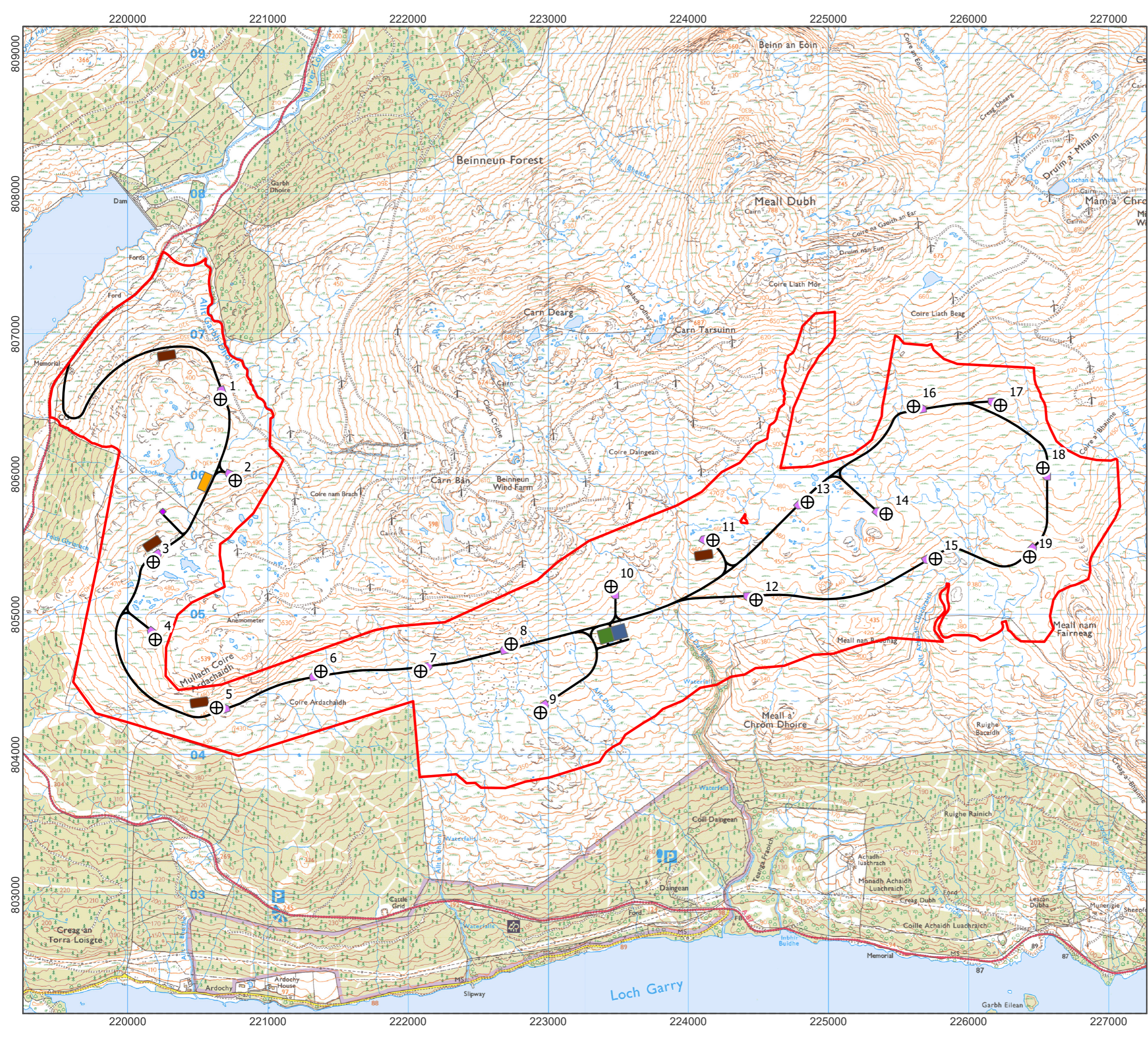
-  Site Boundary
-  Proposed Wind Turbine
-  Turbine Laydown Areas
-  BESS Compound
-  Substation Compound
-  Temporary Construction Compound
-  Met Mast
-  Access Tracks
-  Potential Borrow Pit Location



Scale: 1:25,000 at A3



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






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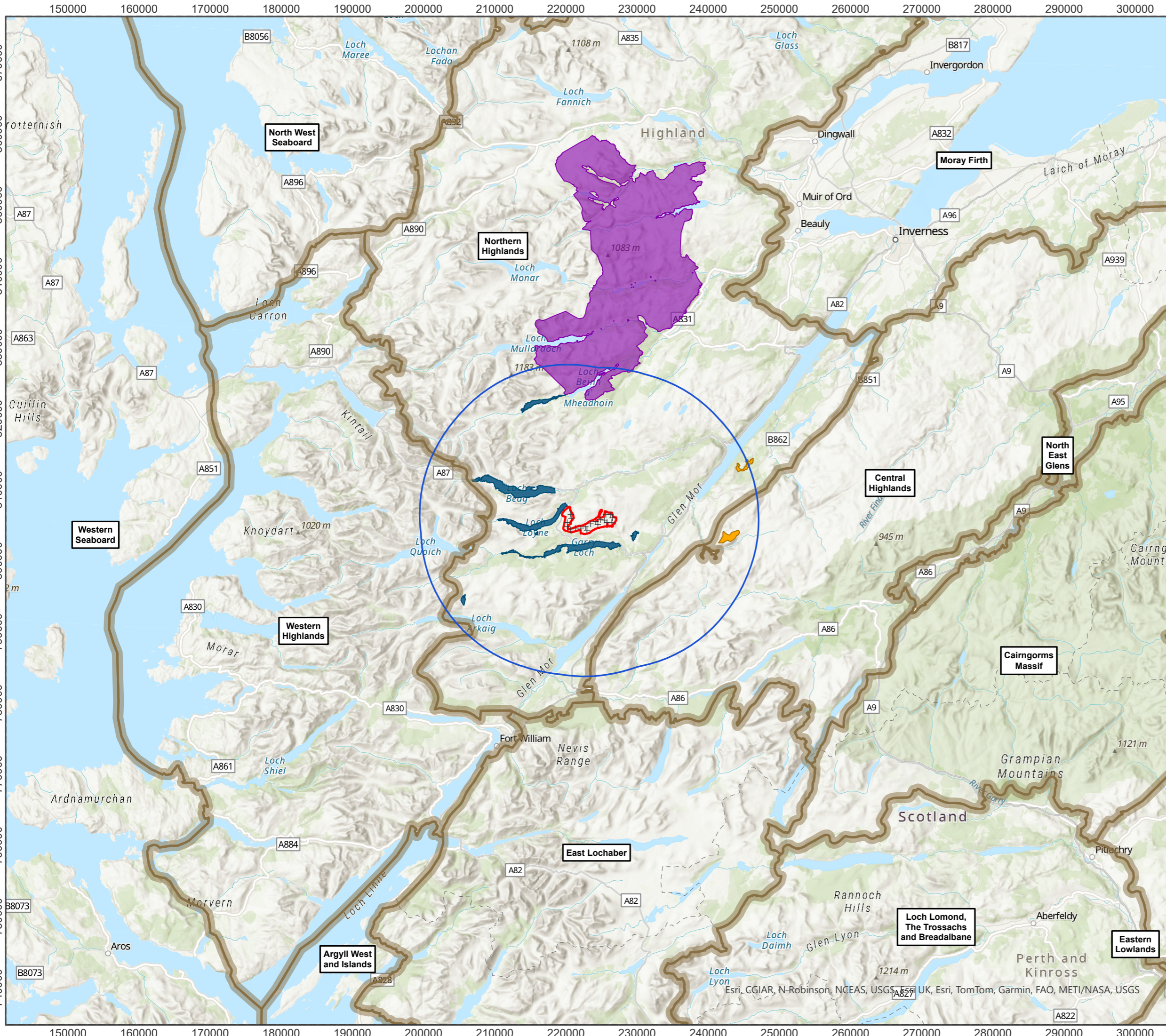
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Figure 7.2

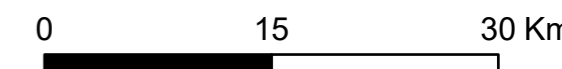
Site Context in Relation to Natural Heritage Future Zone Boundary (NHFZ) and Special Protected Areas (SPAs)

LEGEND

-  Site Boundary
-  Proposed turbine location
-  20 km Distance Band
-  Natural Heritage Future Zone (NHFZ) (Source: NatureScot)
-  Ornithological Designated Sites within 20km (Source: NatureScot)
-  Special Protection Areas (SPA)
-  Loch Knockie and Nearby Lochs
-  West Inverness-shire Lochs



Scale: 1:500,000 at A3



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



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Figure 7.3

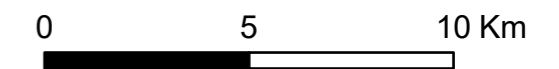
Site Context in Relation to SPAs and SSSIs

LEGEND

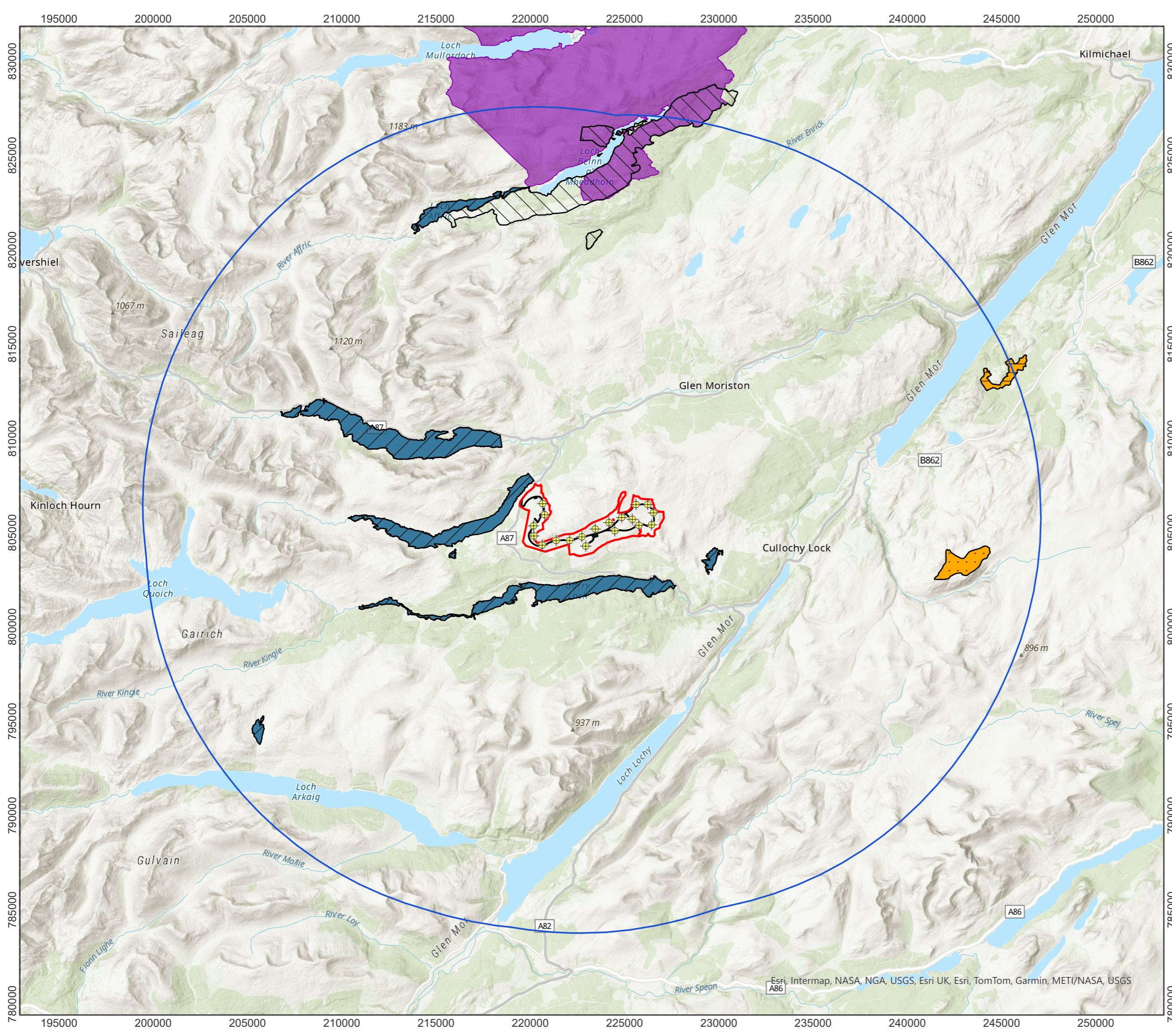
-  Site Boundary
-  Proposed turbine location
-  Development Infrastructure
-  20 km Distance Band
- Ornithological Designated Sites within 20km (Source: NatureScot)
- Special Protection Areas (SPA)
 -  Glen Affric to Strathconon
 -  Loch Knockie and Nearby Lochs
 -  West Inverness-shire Lochs
- Sites of Special Scientific Interest (SSSI)
 -  Glen Affric
 -  Glendoe Lochans
 -  Knockie Lochs
 -  West Inverness-shire Lochs



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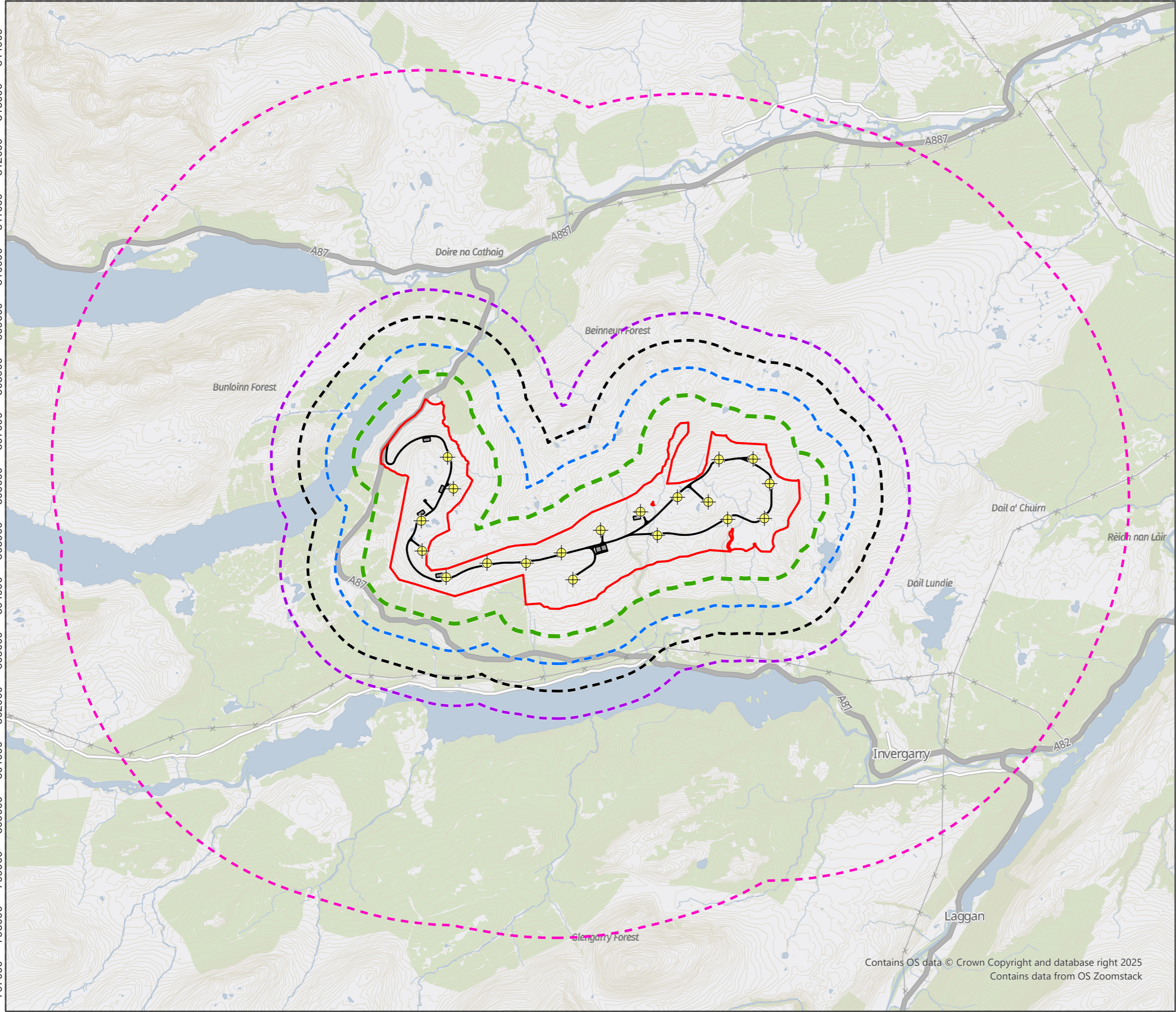
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Figure 7.4

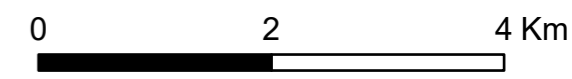
Ornithological Survey Areas

LEGEND

-  Site Boundary
-  Proposed turbine location
-  Development Infrastructure
- Ornithological Surveys**
-  Moorland breeding birds survey area (500 m buffer)
-  Breeding diver and Common Scoter survey area (1 km buffer)
-  Black grouse survey area (1.5 km buffer)
-  Breeding raptor survey area (2 km buffer)
-  Golden Eagle survey area (6 km buffer)



Scale: 1:65,000 at A3



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Figure 7.5

Vantage Point Locations and Their Viewshed

LEGEND

- Site Boundary
- Proposed turbine location
- Development Infrastructure
- Vantage point location

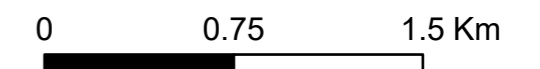
- 1, 221488, 806646, 264°
- 2, 220645, 805532, 228°
- 3, 220461, 804634, 236°
- 4, 222280, 805256, 181°
- 5, 223040, 805465, 88°
- 6, 225900, 806944, 204°

Viewshed (25m above ground level)

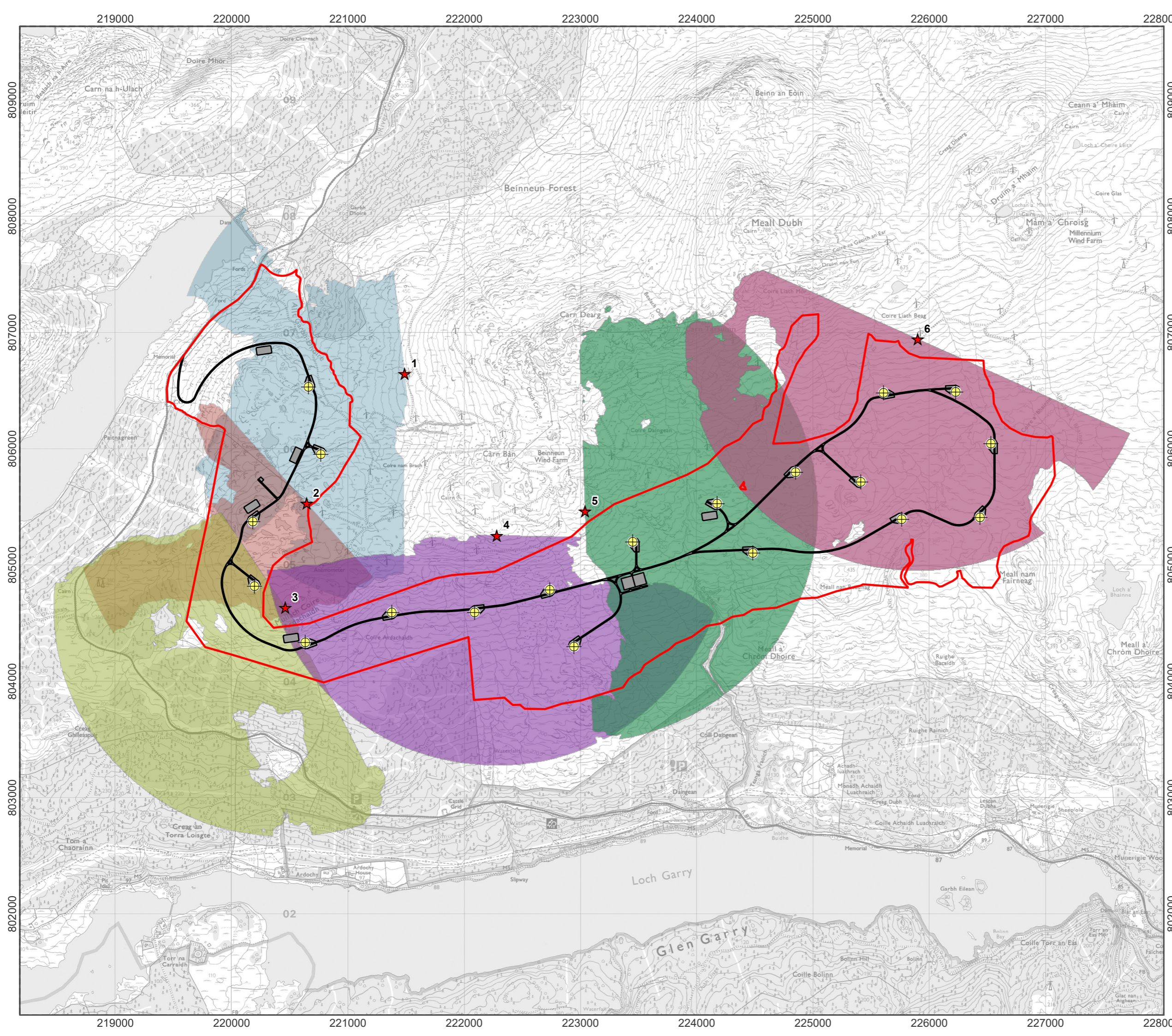
- 1
- 2
- 3
- 4
- 5
- 6



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Figure 7.4

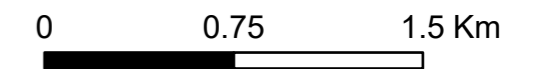
Flight Activity (Vantage Point) Survey Results – Year 1 Breeding Season (May-August 2023)

LEGEND

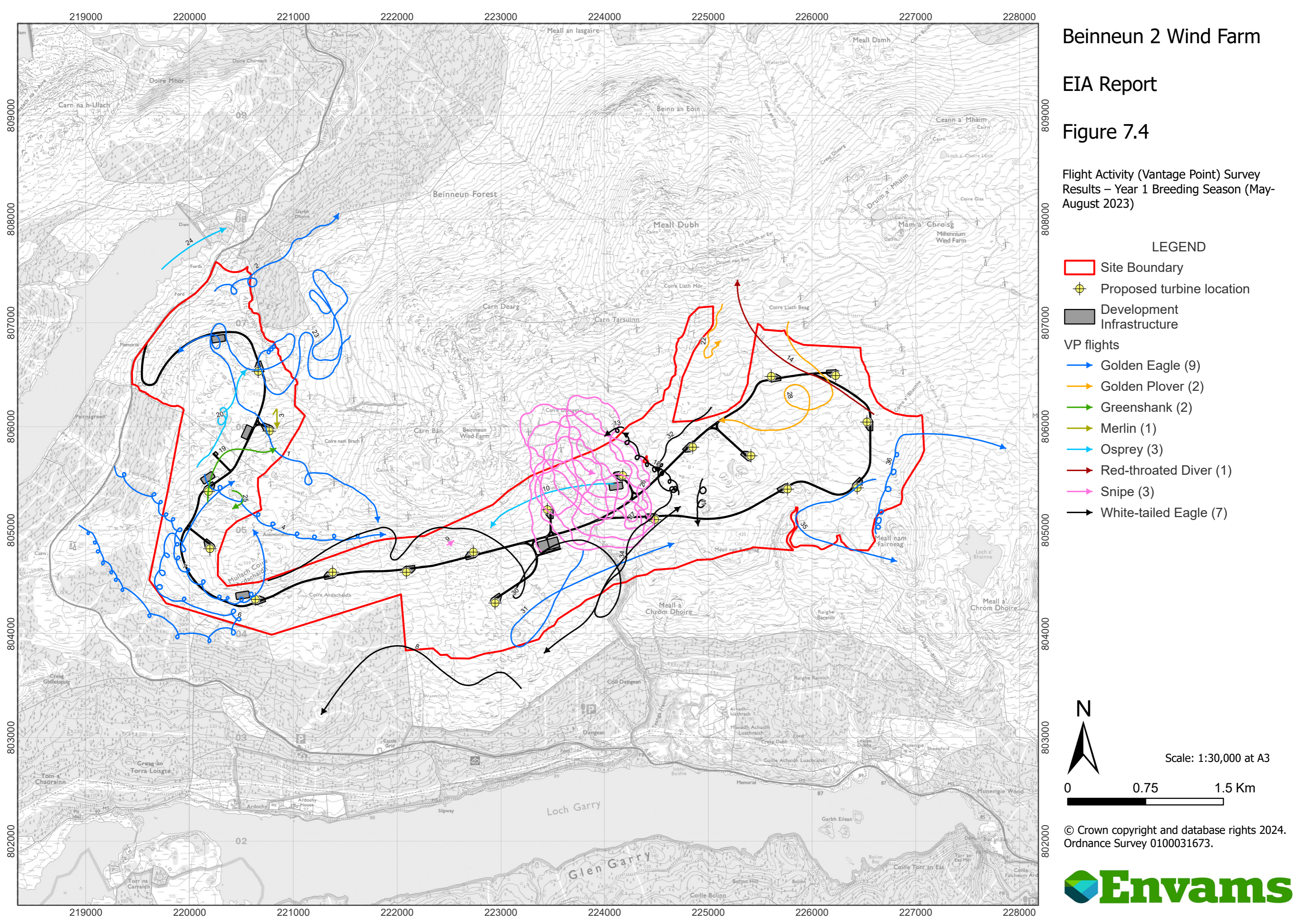
-  Site Boundary
-  Proposed turbine location
-  Development Infrastructure
- VP flights**
-  Golden Eagle (9)
-  Golden Plover (2)
-  Greenshank (2)
-  Merlin (1)
-  Osprey (3)
-  Red-throated Diver (1)
-  Snipe (3)
-  White-tailed Eagle (7)



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Figure 7.8

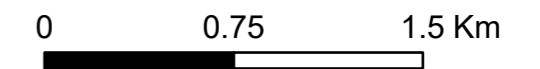
Flight Activity (Vantage Point) Survey Results – Year 2 Breeding Season (April-August 2024)

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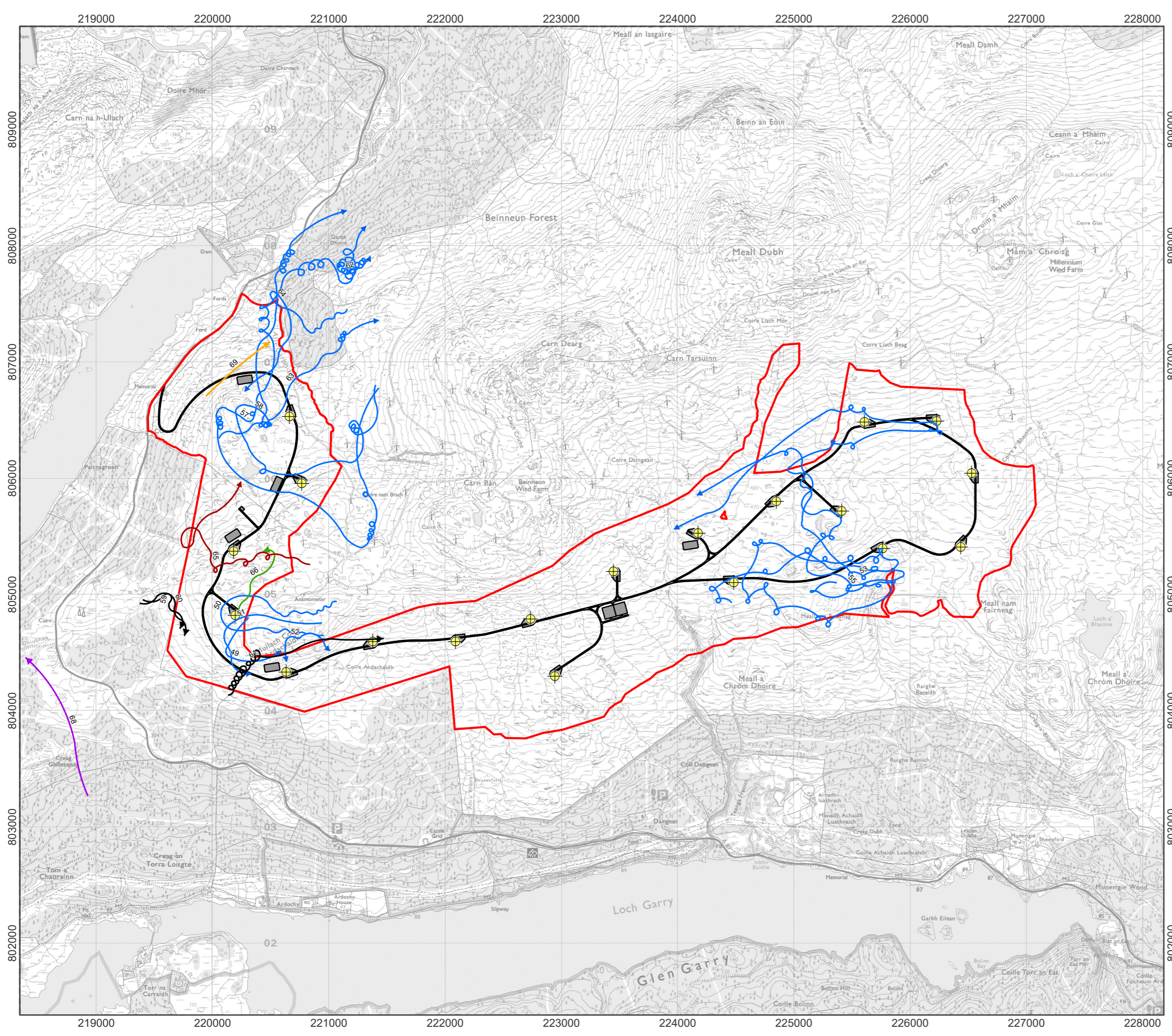
-  Site Boundary
-  Proposed turbine location
-  Development Infrastructure
- VP flights**
-  Pink-footed Goose (1)
-  Golden Eagle (11)
-  Golden Plover (1)
-  Greenshank (1)
-  Osprey (1)
-  White-tailed Eagle (3)



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Figure 7.9

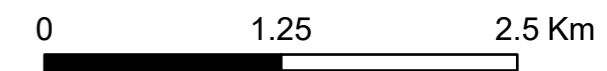
2023 Breeding Raptor Survey Results

LEGEND

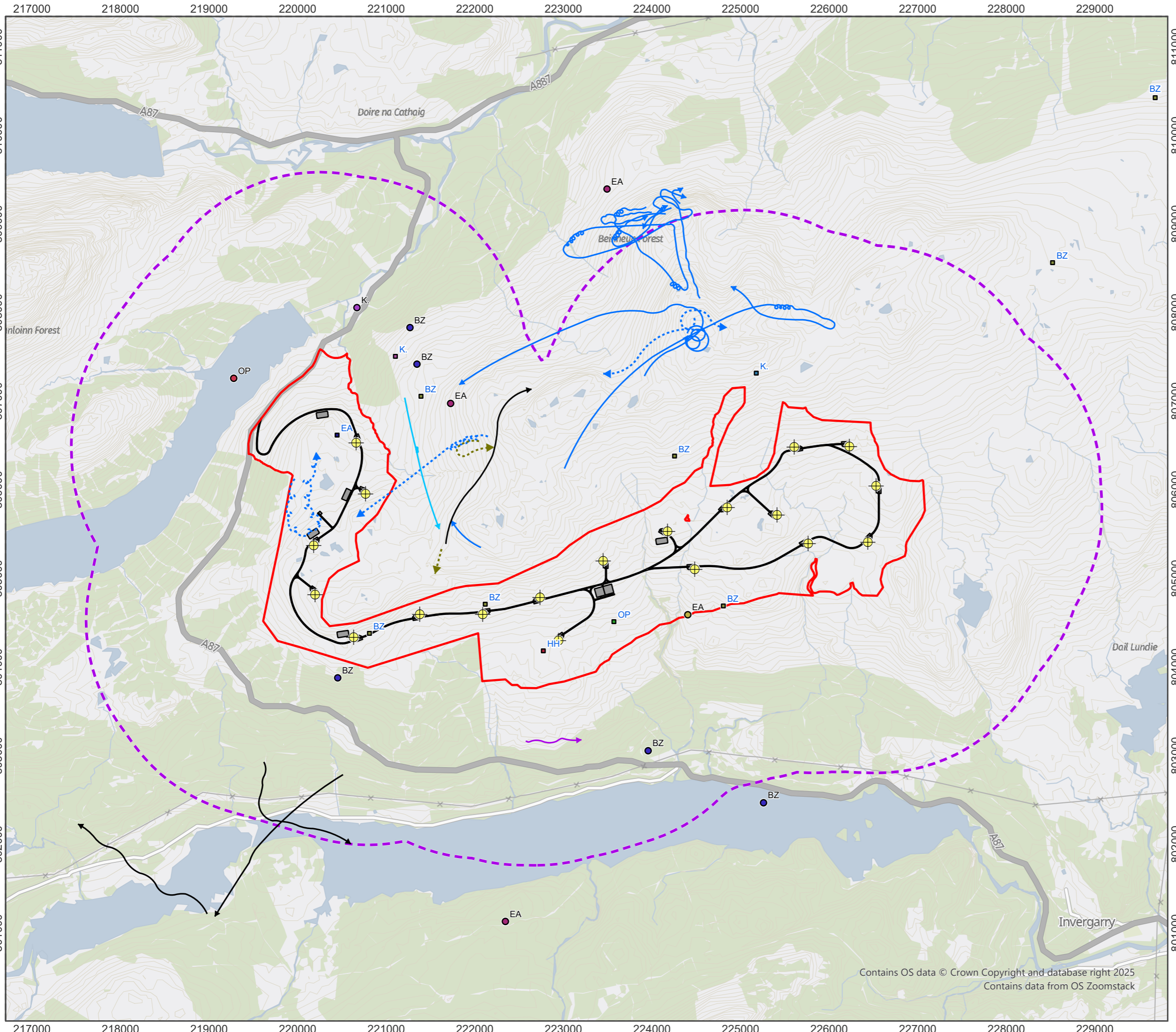
- Site Boundary
- Proposed turbine location
- Development Infrastructure
- Breeding raptor survey area (2 km buffer)
- Raptor survey flights
 - Golden Eagle (10)
 - Hen Harrier (1)
 - Osprey (1)
 - White-tailed Eagle (4)
- Raptor survey records
 - BZ, Buzzard, sighting (5)
 - EA, Golden Eagle, sighting (3)
 - EA, Golden Eagle, aggressive behaviour (1)
 - K., Kestrel, sighting (1)
 - OP, Osprey, sighting (1)
- Incidental flights
 - Golden Eagle (4)
 - Merlin (2)
- Incidental Moorland Breeding Bird Survey - Raptor Records
 - BZ, Buzzard, Flying (7)
 - EA, Golden Eagle, Flying (1)
 - HH, Hen Harrier, Flying (1)
 - K., Kestrel, Flying (1)
 - K., Kestrel, Observed only (1)
 - OP, Osprey, Flying (1)



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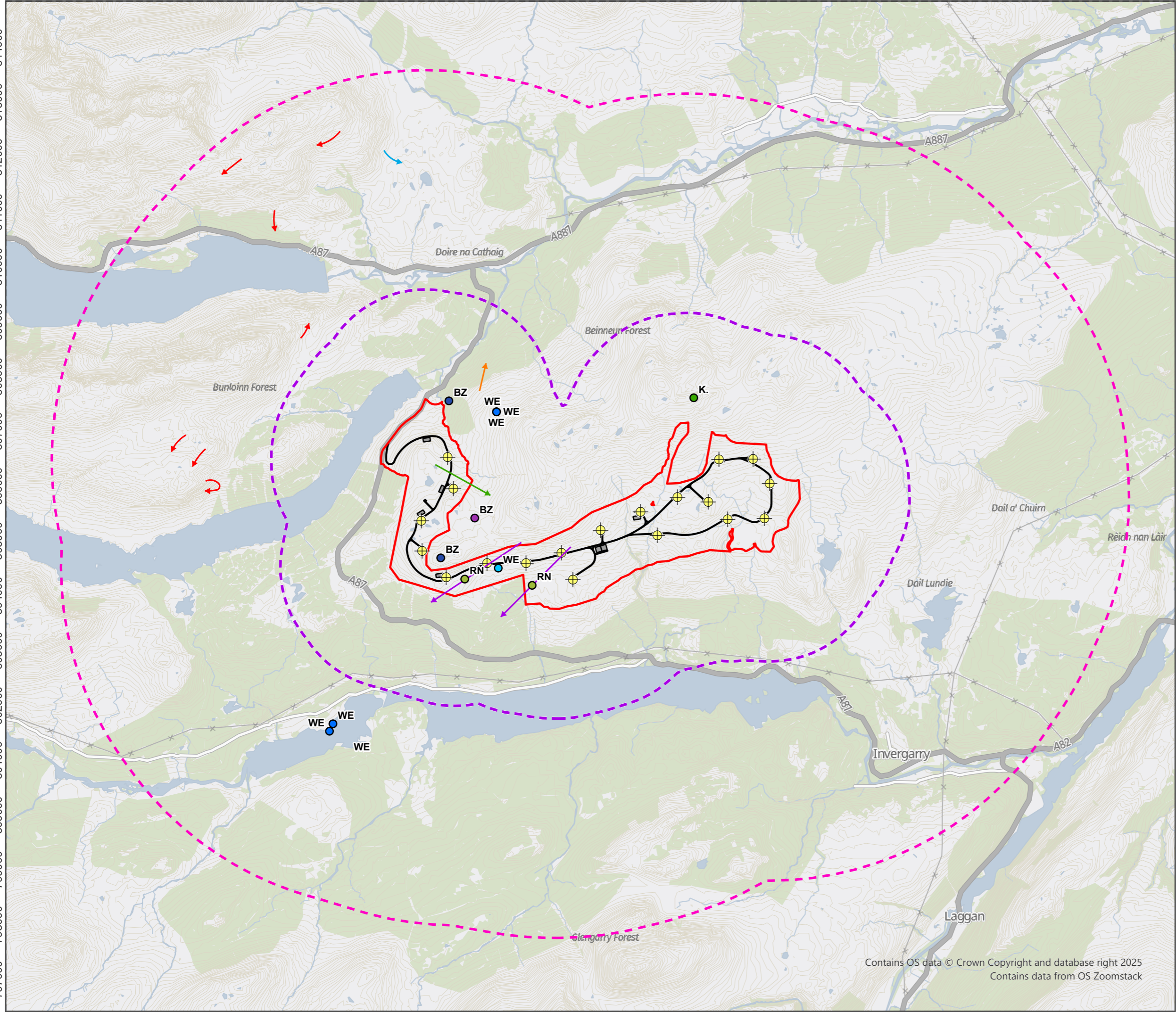
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Figure 7.10

2024 Breeding Raptor and Targeted Eagle Survey Results

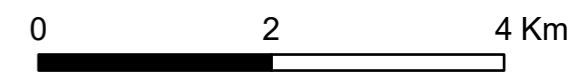


LEGEND

- Site Boundary
 - ⊕ Proposed turbine location
 - Development Infrastructure
 - Breeding raptor survey area (2 km buffer)
 - Golden Eagle survey area (6 km buffer)
- Raptor survey flights**
- ➔ BZ, Buzzard (1)
 - ➔ K., Kestrel (1)
 - ➔ RN, Raven (2)
- Raptor survey records**
- BZ, Buzzard, Hunting (2)
 - BZ, Buzzard, Sighting (1)
 - K., Kestrel, Hunting (1)
 - RN, Raven, Carrying food (2)
 - WE, White-tailed Eagle, Sighting (1)
 - WE, White-tailed Eagle, Resting (5)
- Breeding eagle survey flights**
- ➔ EA, Golden Eagle
 - ➔ WE, White-tailed Eagle



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Figure 7.11

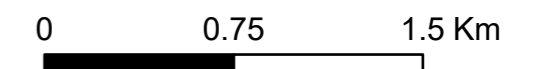
Moorland Breeding Birds Results (April-July 2023)

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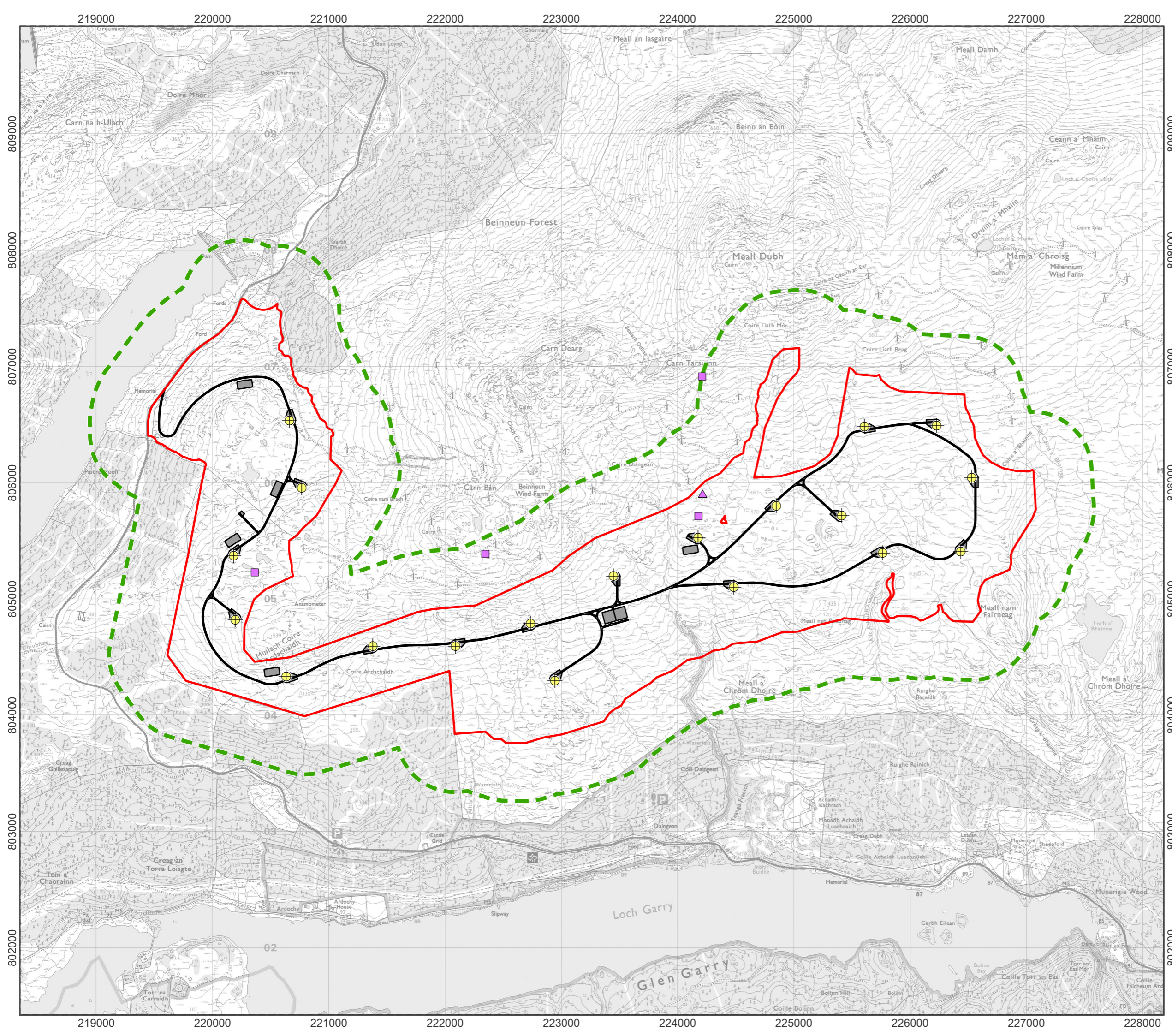
-  Site Boundary
 -  Proposed turbine location
 -  Development Infrastructure
 -  Moorland breeding birds survey area (500 m buffer)
 -  Breeding diver survey area (1 km buffer)
 -  Black grouse survey area (1.5 km buffer)
 -  Breeding raptor survey area (2 km buffer)
- BTO, Species, Breeding Status (no. of records)
-  GP, Golden Plover - Possible breeder (4)
 -  SN, Snipe - Possible breeder (1)



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Figure 7.12

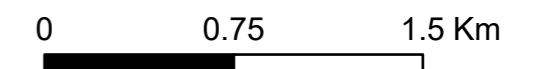
Moorland Breeding Birds Results (April-July 2024)

LEGEND

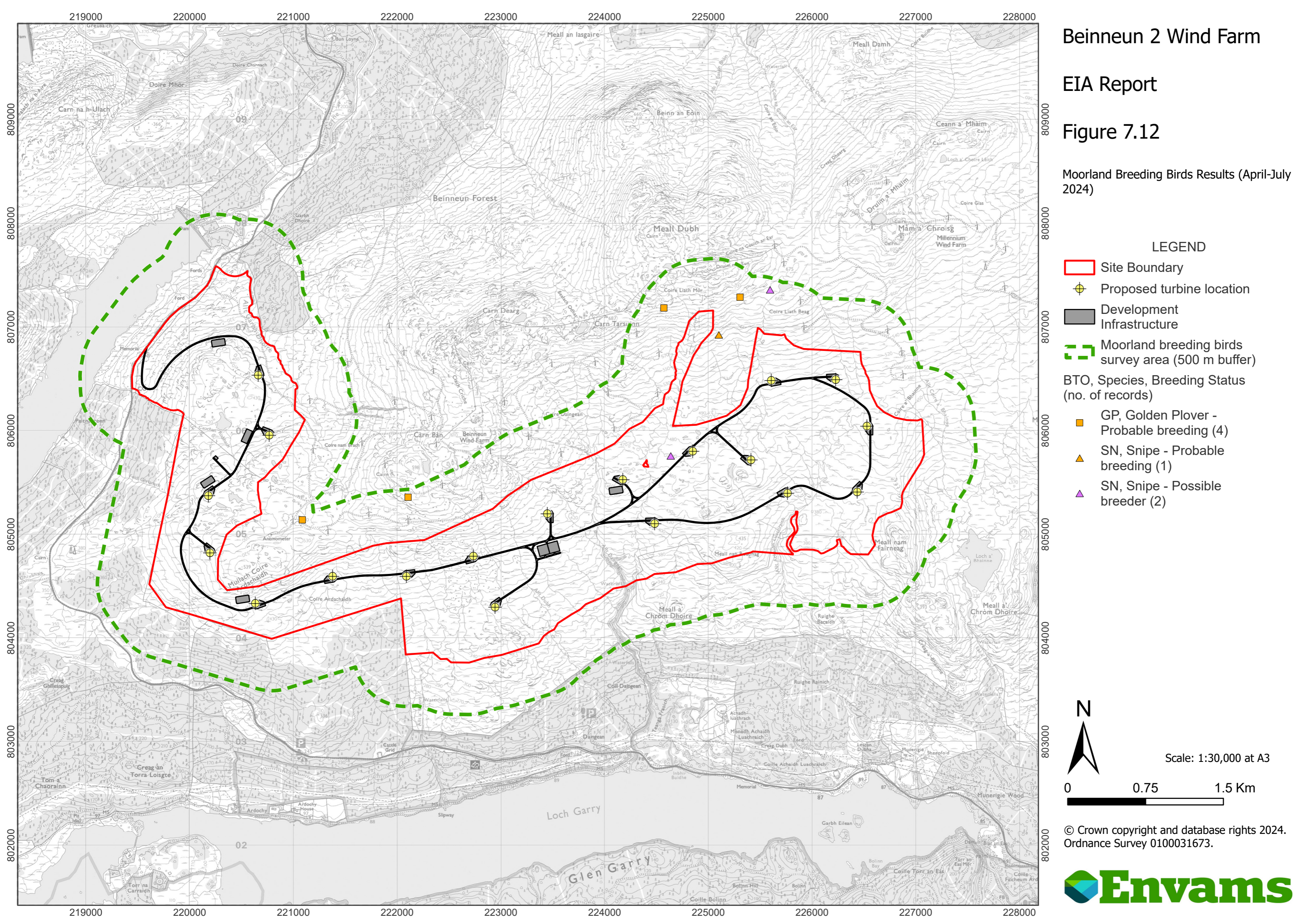
-  Site Boundary
 -  Proposed turbine location
 -  Development Infrastructure
 -  Moorland breeding birds survey area (500 m buffer)
- BTO, Species, Breeding Status (no. of records)
-  GP, Golden Plover - Probable breeding (4)
 -  SN, Snipe - Probable breeding (1)
 -  SN, Snipe - Possible breeder (2)



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







Figure 7.13

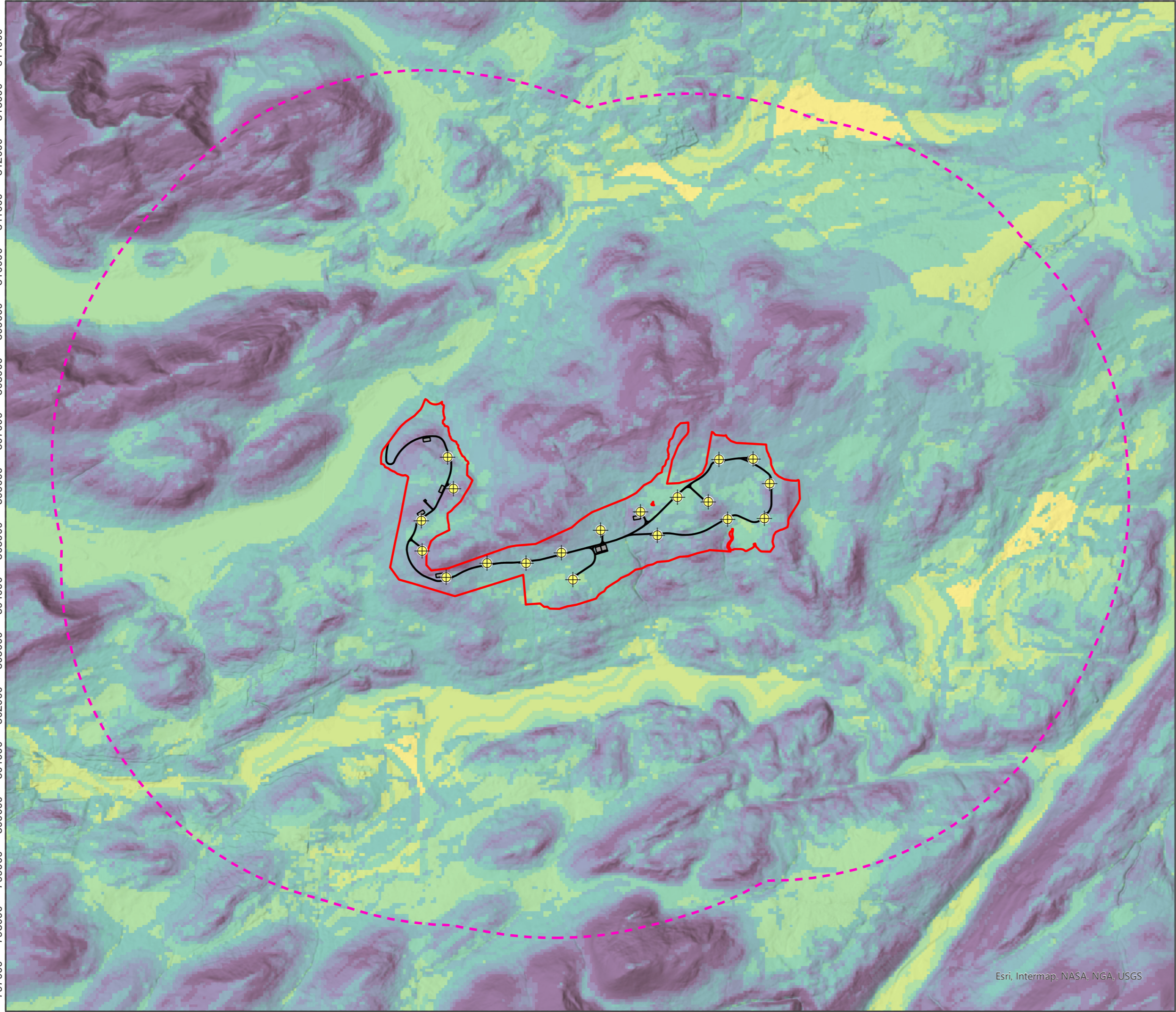
Golden Eagle Topography Model

LEGEND

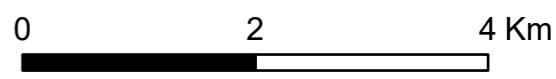
-  Site Boundary
-  Proposed turbine location
-  Development Infrastructure
-  Golden Eagle survey area (6 km buffer)

Golden Eagle Topography Model

-  1
-  2
-  3
-  4
-  5
-  6
-  7
-  8
-  9
-  10



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