



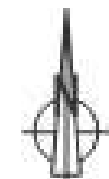
Scienteuch Wind Farm Ayrshire

Figure 8.1

Ornithology Survey Areas

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- Key**
- Site boundary
 - Proposed turbine
 - Proposed track
 - Proposed crane pad
 - Proposed substation
 - Proposed battery storage area
 - Proposed construction compound
- Main Study Area (2020)**
- Breeding bird survey area (500 m buffer of previously proposed turbine layout)
 - Black grouse survey area (1.5 km buffer of previously proposed turbine layout)
 - Raptor survey area (2 km buffer of previously proposed turbine layout)
- Access Track Study Area (2021)**
- Breeding bird survey area (500 m buffer of proposed access track)
 - Black grouse survey area (1.5 km buffer of proposed access track)
 - Raptor survey area (2 km buffer of proposed access track)



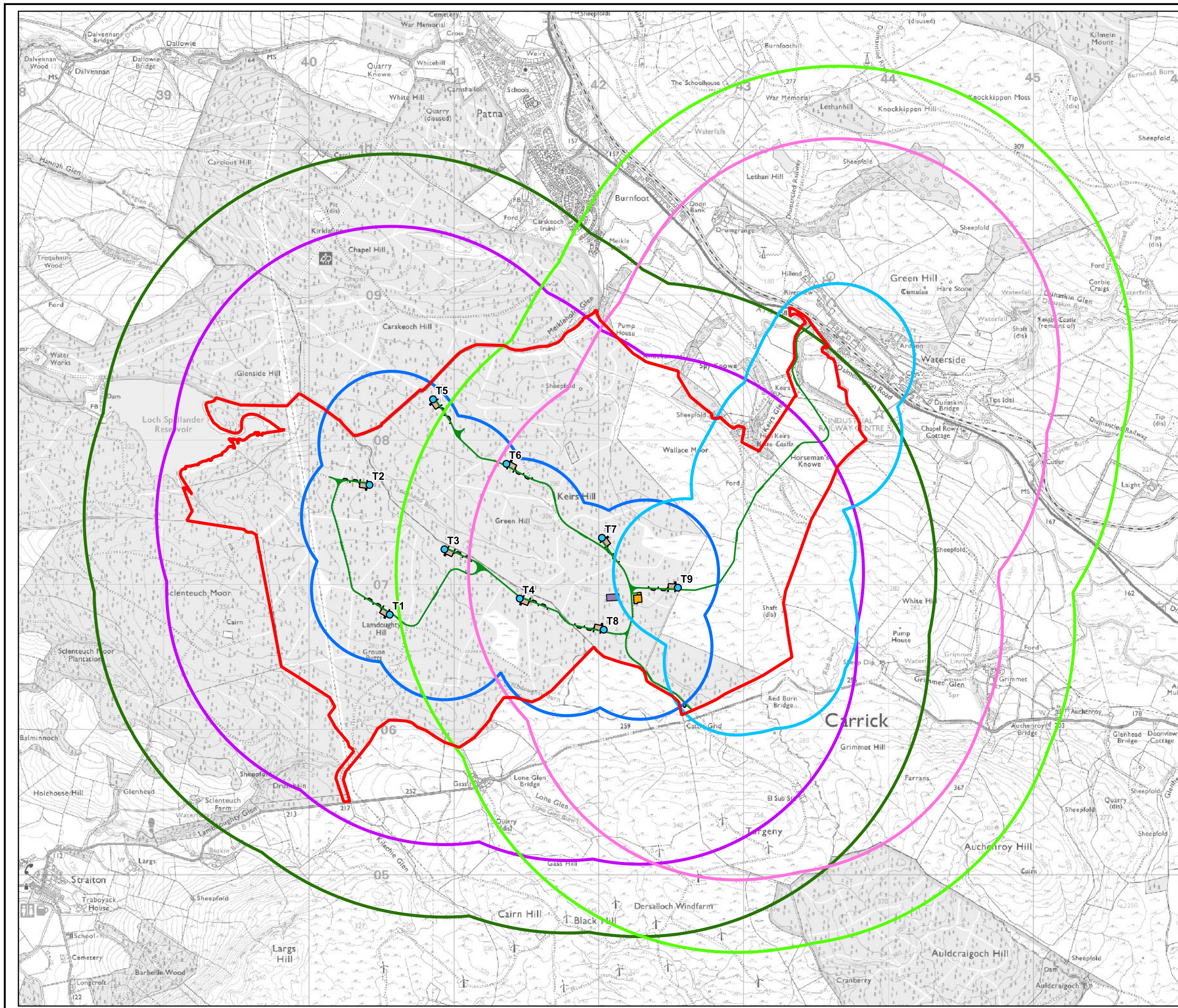
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Figure 8.2

Vantage Point Locations and Viewsheds

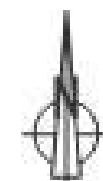
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Key

- Site boundary
- Proposed turbine
- Vantage point (VP)
- Visibility from VP1 (3 km viewshed)*
- Visibility from VP2 (3 km viewshed)*

VP	X	Y
VP1	242050	605709
VP2	244104	609033

*Observer height set to 1 m Above Ground Level (AGL), viewshed calculated at 20 m AGL over non-forestry areas. Viewshed height adjusted over forestry areas to provide better visibility estimate.



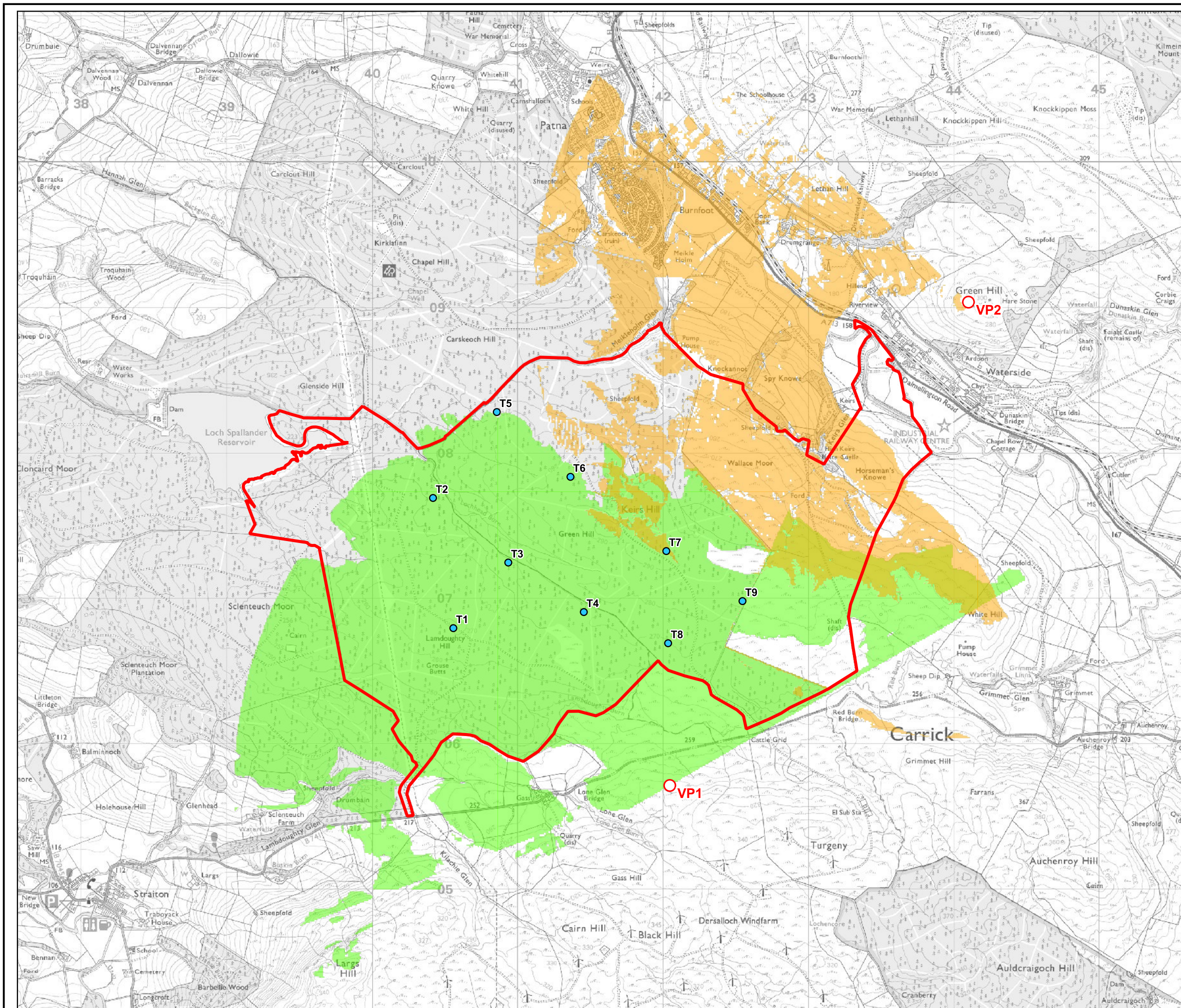
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Figure 8.3

Statutory Sites Designated for Ornithological Features within 10 km and for Geese and Gulls within 25 km of Scienteuch Wind Farm

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Key

- Site boundary
- Proposed turbine
- 10 km buffer of site boundary for all ornithological features
- 25 km buffer of site boundary for geese and gulls
- Bogton Loch Site of Special Scientific Interest (SSSI)



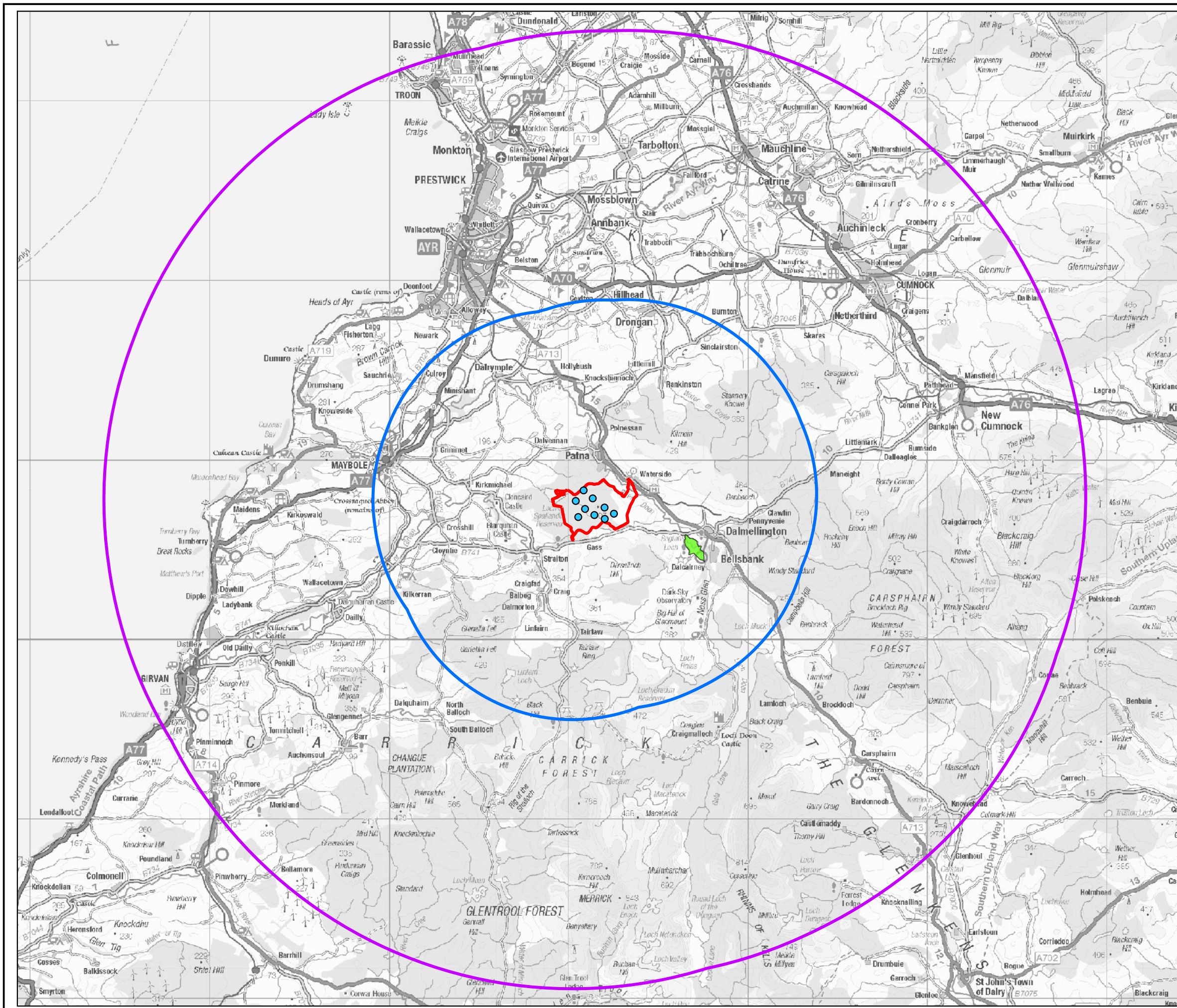
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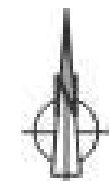
Figure 8.4a

VP Surveys: Non-breeding Season Sep 2018–Feb 2019 (Gulls)

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2022 LICENCE NUMBER 0100031673.

Key

- Site boundary
- Proposed turbine
- Flightline**
 - Common gull
 - Great black-backed gull
 - Herring gull
 - Lesser black-backed gull
 - Unidentified large gull species
 - Unidentified gull species



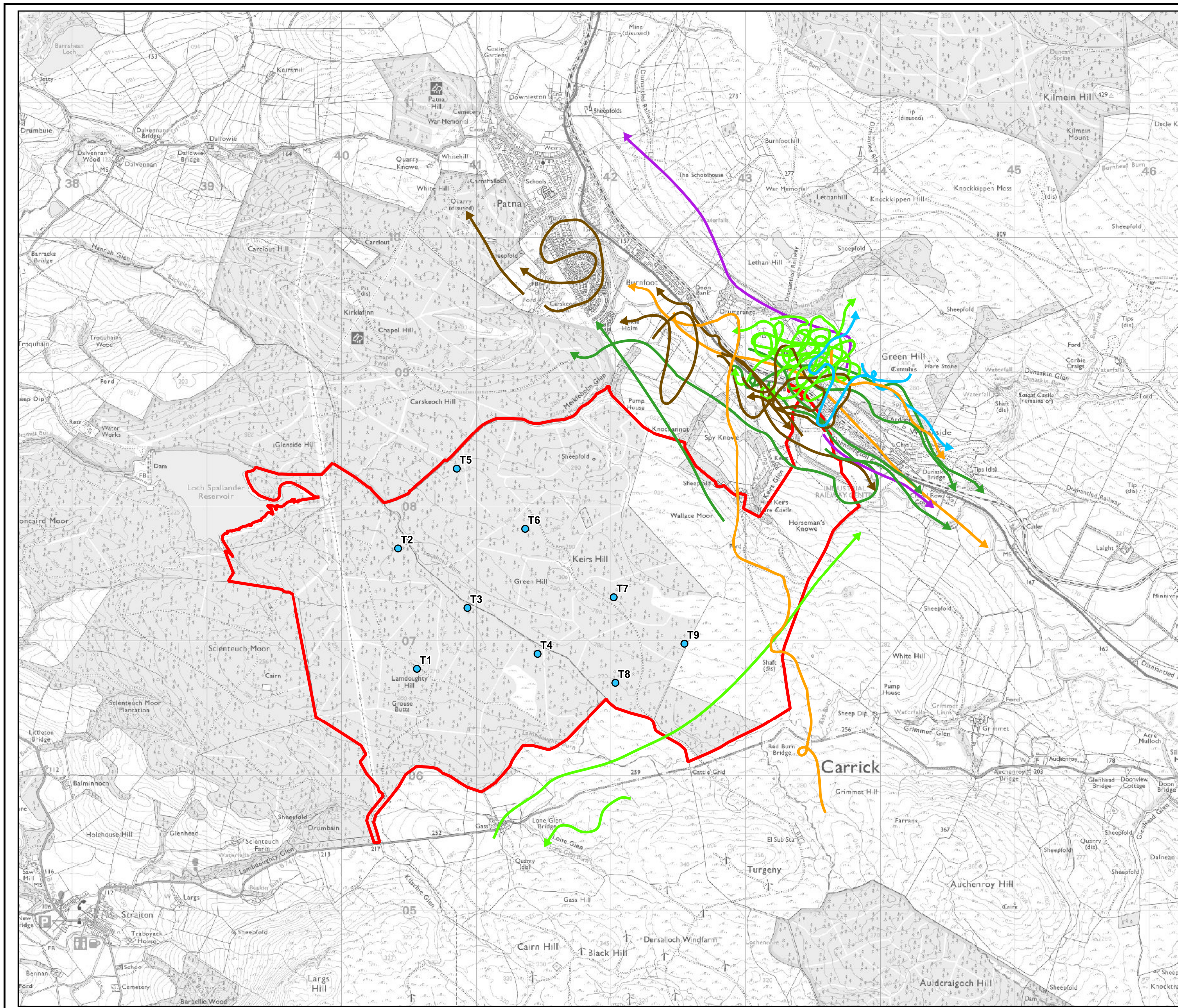
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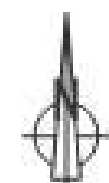
Figure 8.4b

VP Surveys: Non-breeding Season Sep 2018–Feb 2019 (Other Species)

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Key

- Site boundary
- Proposed turbine
- Flightline**
- Greylag goose
- Goosander
- Goshawk
- Hen harrier
- Red kite
- Peregrine
- Golden plover
- Snipe



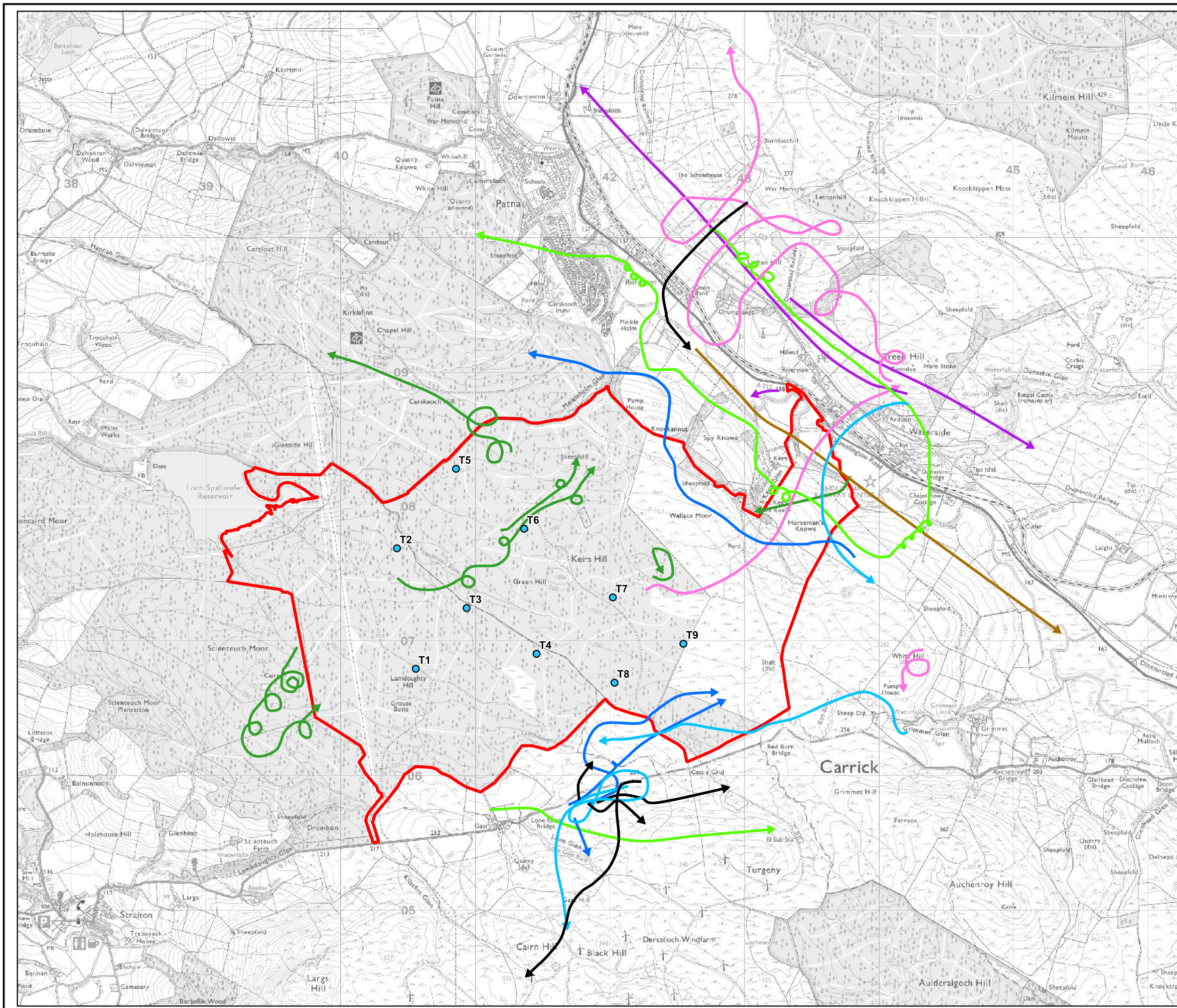
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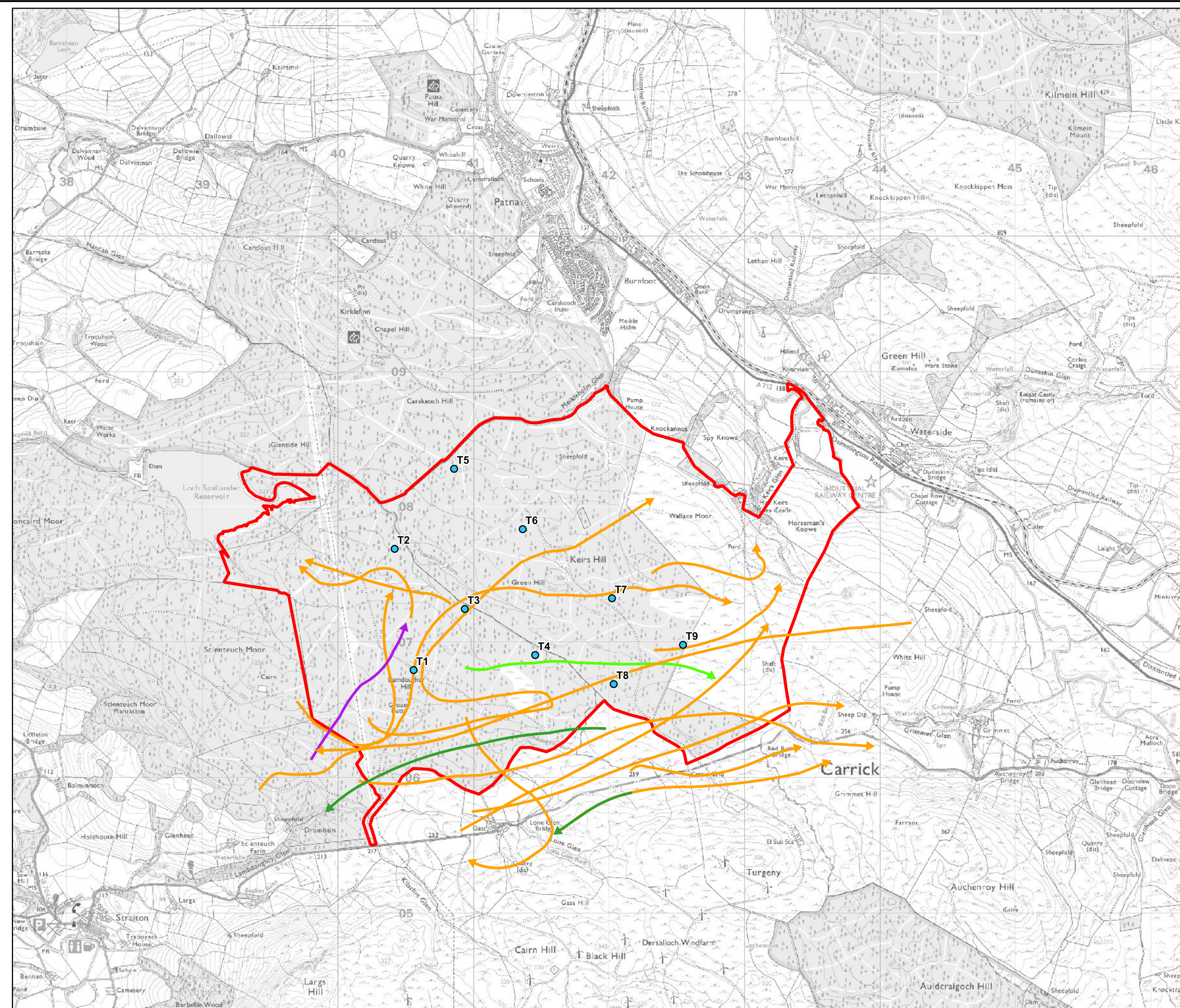
Figure 8.4c

VP Surveys: Breeding Season Feb-Aug 2020 (Gulls)

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2022 LICENCE NUMBER 0100031673.

Key

-  Site boundary
-  Proposed turbine
- Flightline**
-  Common gull
-  Great black-backed gull
-  Herring gull
-  Lesser black-backed gull



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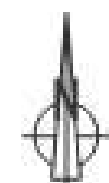
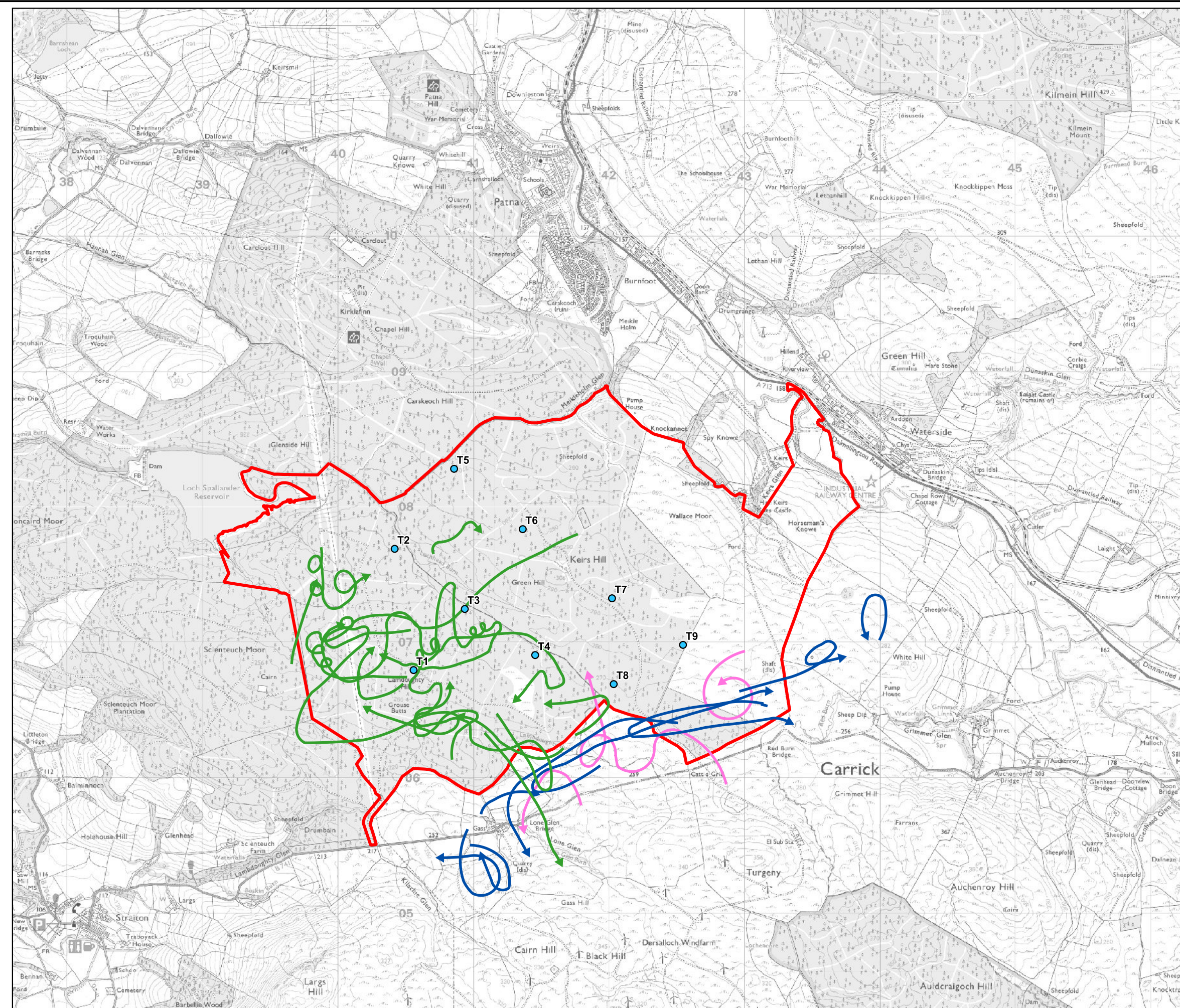
Figure 8.4d

VP Surveys: Breeding Season Feb-Aug 2020 (Other Species)

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Key

- Site boundary
- Proposed turbine
- Flightline**
- Goshawk
- Red kite
- Curlew



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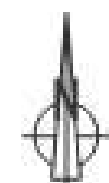
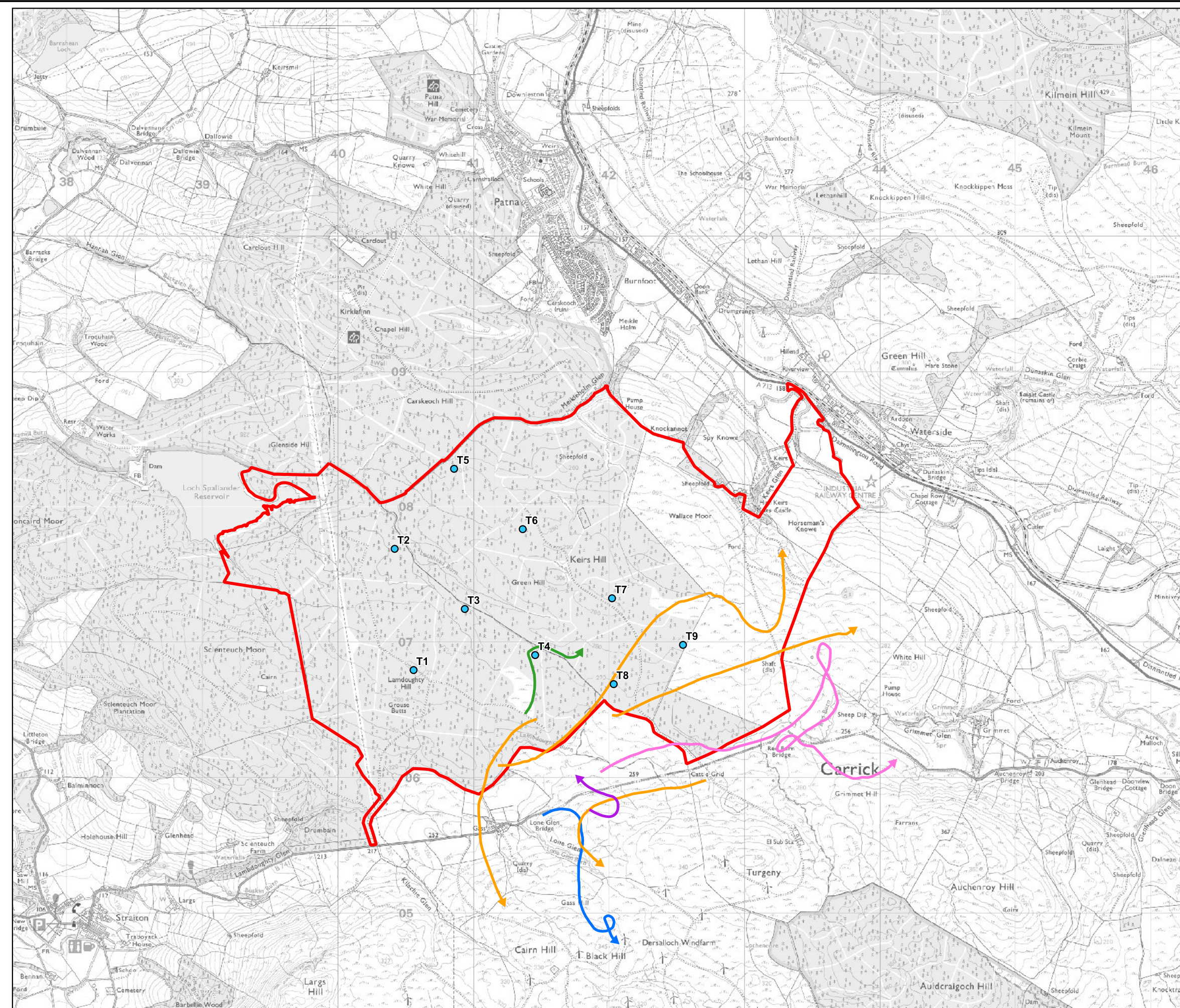
Figure 8.4e

VP Surveys: Non-breeding Season Sep 2020–Feb 2021 (All Species)

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Key

-  Site boundary
-  Proposed turbine
- Flightline**
-  Goshawk
-  Hen harrier
-  Red kite
-  Great black-backed gull
-  Barn owl



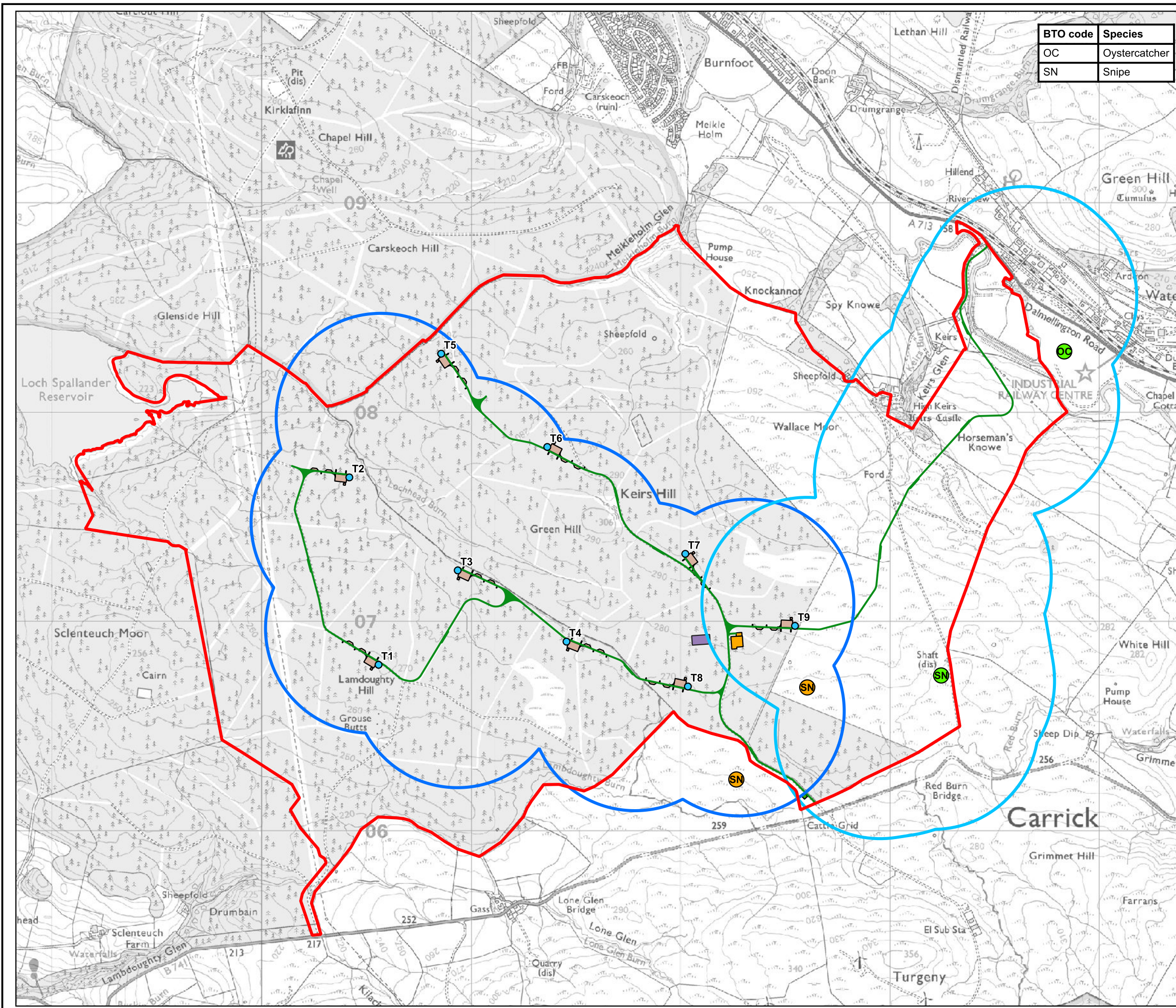
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BTO code	Species
OC	Oystercatcher
SN	Snipe



**Scienteuch Wind Farm
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Figure 8.5

**Breeding Bird Survey
Results 2020 and 2021**

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- Key**
- Site boundary
 - Proposed turbine
 - Proposed track
 - Proposed crane pad
 - Proposed substation
 - Proposed battery storage area
 - Proposed construction compound
- Main Study Area (2020)**
- Breeding bird survey area (500 m buffer of previously proposed turbine layout)
- Access Track Study Area (2021)**
- Breeding bird survey area (500 m buffer of proposed access track)
 - Breeding bird territory 2020
 - Breeding bird territory 2021



T-LAYOUT NO. **110222_9t_A**

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